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Alameda County
Environmental Health

May 9, 2007

Mr. Barney Chan
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

SUBJECT: SUBSURFACE INVESTIGATION AND WELL INSTALLATION REPORT (BORINGS B18 THROUGH B27, B29 THROUGH B48, AND WELLS E1, E2, E3, E6, E7, I1 AND I2) CERTIFICATION
Fuel Leak Case RO0000337
California Linen Rental Company
989 41st Street
Oakland, CA

Dear Mr. Chan:

You will find enclosed one copy of the following document prepared by RGA Environmental, Inc.

- Subsurface Investigation and Well Installation Report (Borings B18 Through B27, B29 Through B48, and Wells E1, E2, E3, E6, E7, I1 and I2) dated April 24, 2007 (document 0304.R5).

I declare, under penalty of perjury, that the information and/or recommendations contained in the above-mentioned report for the subject site is true and correct to the best of my knowledge.

Please direct all future correspondence to:

California Linen Supply Co., Inc.
c/o Donald J. Miller, President
2104 Magnolia Way
Walnut Creek, CA 94595

May 9, 2007

Should you have any questions, please do not hesitate to call me at (925) 938-2491.

Cordially,
California Linen Supply Co.

Donald J. Miller
President

cc: LeRoy Griffin, Oakland Fire Department, Office of Emergency Services, 250 Frank Ogawa Plaza, Suite 3341, Oakland, CA 94612

0304.L47

April 24, 2007
Report 0304.R5
RGA Job # CLR14700

California Linen Rental Company
c/o Mr. Don Miller
2104 Magnolia Way
Walnut Creek, CA 94595

SUBJECT: SUBSURFACE INVESTIGATION AND WELL INSTALLATION REPORT
(BORINGS B18 THROUGH B27, B29 THROUGH B48, AND WELLS E1, E2, E3, E6, E7, I1 AND I2)
Fuel Leak Case RO0000337
California Linen Rental Company
989 41st Street
Oakland, CA

Dear Mr. Miller:

RGA Environmental, Inc. (RGA) is pleased to present this report documenting the drilling and sampling of exploratory boreholes designated as B18 through B27 and B29 through B32, the installation of extraction wells E1, E2, E3, E6, E7, and the installation of air sparging wells I1 and I2. This work was performed in accordance with a request from the Alameda County Department of Environmental Health (ACDEH) dated April 26, 2006, RGA's Subsurface Investigation Work Plan (B18 Through B32) dated June 26, 2006 (document 0304.W3), and RGA's work plan addendum dated July 12, 2006 (document 0304.W3A). The work plan and addendum were approved in a letter from the ACDEH dated July 13, 2006.

Following review of Sanborn Maps associated with a Phase I Environmental Site Assessment Report dated June 21, 2006 prepared by RGA for the subject site, and the detection of diesel-range and oil-range compounds in groundwater samples in the eastern portion of the area of subsurface investigation identified in the June 26, 2006 work plan, a geophysical survey was performed on the eastern portion of the site (to the east of the area of subsurface investigation identified in the June 26, 2006 work plan) in an effort to identify Underground Storage Tanks (USTs) or potential sources for the diesel-range and oil-range compounds. Based on the results of the geophysical survey, two geophysical anomalies were investigated (Anomaly A and Anomaly B) with a backhoe. In addition, boreholes B33 through B39 were drilled in the eastern portion of the property to investigate the eastern extent of the diesel-range and oil-range compounds detected in groundwater, and a heating oil UST was identified beneath the sidewalk adjacent to 41st Street on the north side of the property. Based on the historic use of the property as a nursery, a general contractor's corporation yard and a laundry as identified in the Phase I Environmental Site Assessment Report, boreholes B40 through B48 were hand augered and soil samples were collected at shallow depths throughout the property to evaluate the presence of metals, oil, and Volatile Organic Compounds (VOCs) associated with the historic use of the property.

A Site Location Map (Figure 1) and a GEOMAP showing the borehole, well and geophysical anomaly locations (Figure 8) are attached with this report.

All work was performed under the direct supervision of an appropriately registered professional. This investigation was performed in accordance with guidelines set forth in the document "Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites" dated August 10, 1990 and "Appendix A - Workplan for Initial Subsurface Investigation" dated August 20, 1991.

Documentation of the following activities is provided in separate reports.

- Remedial activities related to soil vapor extraction and air sparging at the site,
- Removal of an UST from beneath the sidewalk adjacent to 41st Street during December 2006,
- Installation of three groundwater monitoring wells to evaluate the concentration of oil-range compounds in groundwater at the site,
- Installation of vapor extraction wells adjacent to Linden Street that were proposed and approved in the June 2006 work plan but which was not installed with the other wells because of limited access issues.

BACKGROUND

The site is currently used as a linen cleaning facility. Review of available documents for the site show that on February 6 through 8, 1989 three Underground Storage Tanks (USTs) were removed from the site by Miller Environmental Company (MEC). The tanks consisted of one 10,000 gallon tank containing gasoline, one 550 gallon tank containing gasoline, and one 2,500 gallon capacity tank containing #5 fuel oil. Each tank was in a separate pit. Petroleum hydrocarbons were detected in each of the pits at the time of tank removal. Figure 2 shows the tank locations at the site. A UST Unauthorized Release Site Report was completed by Mr. Gil Wistar of the ACDEH dated February 9, 1989. In a letter dated February 23, 1989 the ACDEH requested a preliminary assessment of the site. In a letter dated July 7, 1989 the ACDEH approved a revised work plan for subsurface investigation at the site that included installation of three groundwater monitoring wells.

Three monitoring wells, designated as MW1, MW2, and MW3 were installed at the site by MEC on September 25, 1989. One well was installed adjacent to each of the tank pits. Soil samples were collected for laboratory analysis from the boreholes for the monitoring wells at depths of 4 and 8 feet below the ground surface. The samples were analyzed for Total Petroleum Hydrocarbons as Gasoline (TPH-G), Total Petroleum Hydrocarbons as Diesel (TPH-D), Total Petroleum Hydrocarbons as Motor Oil (TPH-MO) and for benzene, toluene, ethylbenzene, and xylenes (BTEX). All target analytes were detected in the soil sample from the borehole for MW1 at a depth of 4 feet below the ground surface. None of the analytes were detected in the other soil samples from the monitoring well boreholes, except for 190 mg/kg oil in the sample from MW2 collected at a depth of 4 feet.

On October 2, 1989, the three monitoring wells at the subject site were sampled by MEC personnel, and the water samples were analyzed for the same compounds as the borehole soil samples. All analytes except oil were detected in the groundwater sample from MW1. None of the analytes were detected in the groundwater samples from the other two monitoring wells. Groundwater was encountered in the wells at depths ranging from 7.00 to 9.25 feet, and the groundwater flow direction at the site was calculated to be to the north-northwest. Documentation of the installation of the three monitoring wells, and soil and groundwater sample results from the well installation and subsequent well sampling is presented in MEC's Preliminary Subsurface Investigation Report dated November 3, 1989. Due to earthquake-related issues, the Regional Water Quality Control Board (RWQCB) was unavailable to comment on the report.

Following five quarterly monitoring and sampling events for the three wells, MEC recommended that well MW3 be destroyed. MEC concluded that petroleum hydrocarbons had not been detected in wells MW2 and MW3, and had only been detected in well MW1. MEC identified the petroleum hydrocarbons in well MW1 as gasoline, and stated that MW1 is downgradient of a former gasoline tank. MEC also stated that the groundwater flow direction was consistently to the north-northwest at the site, and that the three wells were located downgradient from each of the tank pits. MEC stated that well MW2 is downgradient of well MW1 and would effectively detect any migration of petroleum hydrocarbons from the vicinity of well MW1. Documentation
of the quarterly monitoring and sampling results and associated recommendations is presented in a letter report from MEC dated March 7, 1991.

In a letter dated April 15, 1991 the ACDEH approved destruction of well MW3, and required continuation of the quarterly monitoring and sampling of wells MW1 and MW2. On July 19, 1991, well MW3 was destroyed by overdrilling. Quarterly reports documenting monitoring and sampling of the two wells were subsequently prepared by MEC.

In a November 6, 1992 letter report, MEC presented the results for quarterly monitoring and sampling through October 17, 1992. The results show that no petroleum hydrocarbons were detected in well MW2 with the exception of 0.05 mg/L TPH-D on August 15, 1991 and 1.1 µg/L toluene and 3.3 µg/L xylenes on March 18, 1992. In well MW1, TPH and BTEX concentrations appear relatively unchanged with the exception of the March 18 and October 17, 1992 sampling events, which showed increases in benzene and toluene concentrations.

Sample results for samples collected on June 10, 1993 by the Grow Group as part of a cooperative monitoring event for investigation of nearby sites showed no detectable concentrations of EPA Method 8240 compounds in well MW2, and BTEX concentrations in MW1 consistent with concentrations encountered in well MW1 prior to the March 18 and October 17, 1992 sampling events. Review of 1998 correspondence suggests that additional cooperative sampling of the wells was performed, however the sample results were not available for review.

In a letter dated January 2, 2003, the ACDEH requested a work plan for investigation of contamination at the subject site. Following receipt of the ACDEH work plan request letter, the two existing wells,

designated as MW1 and MW2 were monitored and sampled on April 2, 2003 by RGA personnel. No sheen or free product was detected in either of the wells. Ether oxygenates and lead scavengers were not detected in either of the wells. TPH-G and BTEX were detected in well MW1, and no analytes were detected in well MW2 with the exception of 0.74 ug/L xylenes. The measured depths to water and the sample results were consistent with historic results obtained for the wells. The relative absence of petroleum hydrocarbons in well MW2 suggests that petroleum hydrocarbons had not migrated beyond well MW2 as of April 2, 2003. Monitoring and sampling of wells MW1 and MW2 are reported in RGA's Groundwater Monitoring and Sampling Report (document 0304.R1) dated May 1, 2003. Historic water quality data for the wells is summarized in Table 1 of this report.

RGA submitted an On- and Off-Site Utilities Investigation and Off-Site Groundwater Investigation Work Plan (0304.W1) dated May 1, 2003, which the ACDEH commented upon in a letter dated May 9, 2003. In response, RGA submitted a Work Plan Addendum (document 0304.L3) dated June 9, 2003. The ACDEH approved the work plan and work plan addendum in a letter dated June 19, 2003.

From July 20 through 23, 2004 groundwater grab samples were collected from boreholes B1 through B3 and soil gas samples were collected from boreholes SG1 through SG3. In addition, RGA evaluated the locations of buried utilities in the vicinity of the subject site. No soil samples were collected. The results are presented in RGA's Subsurface Investigation (B1 to B3, SG1 to SG3) and Preferential Pathway Evaluation Report dated February 22, 2005 (document 0304.R2). The groundwater grab sample results from boreholes B1 through B3 are summarized in Table 3 of this report.

Following review of the subsurface investigation report, the ACDEH requested that a work plan for further investigation be submitted. RGA subsequently submitted Subsurface Investigation Work Plan (B4 to B9) dated May 25, 2005 (document 0304.W2). The work plan included documentation and results for monitoring of wells MW1 and MW2 and sampling of well MW1 on May 17, 2005. The work plan was approved in a letter from the ACDEH dated July 18, 2005. The July 18, 2005 ACDEH letter requested that the proposed borehole locations be adjusted in consideration of the narrow plumes encountered at neighboring sites. Samples were collected from adjusted locations for boreholes B4 through B6 on September 13 and 14, 2005.

During the drilling of boreholes B4 through B6 at the adjusted locations strong solvent odors were encountered in borehole B6. Laboratory results for the groundwater sample collected from borehole B6 identified the presence of Stoddard solvent in the sample. In an effort to identify potential sources for the Stoddard solvent, RGA submitted a Subsurface Investigation Work Plan Addendum dated October 5, 2005 (document 0304.W2A) for the drilling of boreholes B7 through B12. The locations of boreholes B7 through B9 in the Work Plan Addendum superseded the respective borehole locations in the May 25, 2005 Work Plan. Samples were collected from boreholes B7 through B12 on October 10 through 12, 2005. Documentation of the drilling of borings B4 through B12 is presented in RGA's report titled Subsurface Investigation (B4 through B12), dated November 22, 2005 (document 0304.R3). Soil and groundwater sample results associated with the investigation are summarized in Tables 2 and 3, respectively.

RGA proposed boreholes B13 through B16 in the report titled Subsurface Investigation (B4 through B12), dated November 22, 2005 (document 0304.R3). The proposed boring locations, methods, sampling frequency and sample analysis were conditionally approved by the ACDEH in a December 5, 2005 letter with the provision that one additional boring (B17) be located approximately 30 feet south of well MW1. This boring was to be drilled and sampled using the same methods and procedures as the other proposed boreholes.

On January 11 and 12, 2006 RGA personnel oversaw the drilling and collection of samples from boreholes B13 through B17. Documentation of the drilling of borings B13 through B17 is presented in RGA's Subsurface Investigation Report (B13 through B17), dated March 24, 2006 (document 0304.R4). Soil and groundwater sample results associated with the investigation are summarized in Tables 2 and 3, respectively.

Following review of the March 2006 report, the ACDEH requested additional investigation in a letter dated April 26, 2006. RGA submitted Subsurface Investigation Work Plan (B18 through B32) dated June 26, 2006 (document 0304.W3), and the work plan was approved in a letter from the ACDEH dated July 13, 2006.

Please note that the location of borehole B15 shown in documents prior to 2007 was not accurate. The location shown in documents prior to 2007 was the proposed location, not the actual location where the borehole was drilled. The location of B15 shown in this report shows the location where the borehole was drilled.

Two subsurface investigations related to petroleum distillates (paint thinner) are presently ongoing in the immediate vicinity of the site, with groundwater monitoring wells located approximately 250 feet to the west and slightly north of the subject site. The investigations are for the Kozel property (located to the north of 41st Street) and the Dunne Paints property (located to the south of 41st Street). In addition, a third subsurface investigation related to petroleum hydrocarbons is located at the Fidelity Roof facility approximately 250 feet to the south of the subject site.

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT REVIEW

Review of a Phase I Environmental Site Assessment Report dated June 21, 2006 prepared by RGA showed that the historic use of the site has included the following.

- Nurseries from at least 1903 to about 1920.
- Commercial laundry from 1920 to 1953 on the western portion of the property and a general contractor's corporation yard on the easterly portion of the property.
- The laundry facility burned to the ground in 1953 and by 1955 was rebuilt with most of the present structures.

Although Sanborn Maps were discussed in the Phase I report, copies of the Sanborn Maps were not attached with the Phase I report. Copies of the Sanborn Maps associated with the Phase I report are attached with this subsurface investigation report. Review of the 1051 and 1952 Sanborn maps shows one feature on each of the eastern and western portions of the property identified as an oil shack or oil

house. The locations of these features are shown in Figure 6. A copy of the Phase I report was submitted to the ACDEH under separate cover.

FIELD ACTIVITIES

Prior to drilling, all required permits were obtained from the City of Oakland and the Alameda County Public Works Agency. In addition, the drilling locations were marked with white paint, Underground Service Alert (USA) was notified for underground utility location, and plans were prepared for traffic control, pedestrian control, and health and safety.

Boreholes B18 Through B27 and B29 Through B32

From August 8 through August 11, 2006 RGA personnel oversaw the drilling and collection of samples from boreholes B18 through B27 and B29 through B32. The boreholes were continuously cored by Vironex, Inc. of San Leandro, California (Vironex) using Geoprobe direct-push technology. The boreholes were continuously cored to total depths ranging from 21.0 to 35.0 feet below the ground surface. In addition, depth-discrete groundwater samples were collected at drilling locations B24 and B32 using a Hydropunch which was pushed through the bottom of each borehole following shallow groundwater grab sample collection and the Hydropunch screen was exposed for the intervals extending from 51.0 to 55.0, and 52.0 to 56.0 feet below the ground surface, respectively. The locations of the boreholes are shown on the attached GEOMAP, Figure 8.

Although the work plan identified collection of depth-discrete groundwater grab samples at three locations using a Hydropunch, the Hydropunch sample was not collected at the third location because of time constraints associated with the time necessary for groundwater to enter the continuously boreholes for groundwater sample collection.

On Figures 2, 5 and 6 in RGA's previous Subsurface Investigation Report (B13 Through B17) dated March 24, 2006 (document 0304.R4), and in RGA's Subsurface Investigation Work Plan (B18 Through B32) dated June 26, 2006 (document 0304.W3), the location of borehole B15 was incorrect. The location shown on the figures was the proposed location instead of the actual location. The drill rig could not access the proposed location due to the presence of large tanks and equipment. The actual location is approximately 20 feet to the northwest of the proposed location. Because borehole B15's actual location was approximately 20 feet to the northwest of the location shown in the March 24, 2006 report figures, it was determined that proposed borehole locations B28 and B30 would be combined into one borehole location.

All of the boreholes were continuously cored using a 5-foot long, 2-inch outside diameter Geoprobe Macrocore barrel sampler lined with cellulose acetate tubes, except for boreholes B21, B29 and B30 which were cored by the same method, but using a 3-foot long barrel sampler. The rationale for the depths at which soil samples were retained for laboratory analysis was to collect soil samples from above, within, and below petroleum-impacted soil zones to define the vertical extent and degree of impact. When no evidence of petroleum or solvents was present in a borehole, soil samples were

retained for laboratory analysis at depths of approximately 10.0, 15.0 and 20.0 feet below the ground surface. Additional soil samples were collected where evidence of petroleum hydrocarbon contamination was detected. In addition, soil samples were collected from boreholes B20 and B29 at depths of 7.0 and 6.5 feet below ground surface, respectively. Soil samples were retained for laboratory analysis by cutting a 6-inch long section of the cellulose acetate tube corresponding to the desired sample collection depth and covering the ends of the tube sequentially with aluminum foil and plastic endcaps. The section of tube was then labeled and placed in a cooler with ice pending delivery to a State-accredited hazardous waste testing laboratory.

Soil from all of the boreholes was logged in the field in accordance with standard geologic field techniques and the Unified Soil Classification System. All soil from boreholes B18 through B27 and B29 through B32 was evaluated with a Photoionization Detector (PID). No odors were detected in any of the boreholes with the exception of boreholes B20 and B24. In borehole B20 (located in 41st Street), slight petroleum hydrocarbon odors were detected between the depths of approximately 6.0 and 8.0 feet below the ground surface. In borehole B24 (located near the center of the yard at the site and approximately half way between the two former gasoline USTs in the yard), moderate petroleum hydrocarbon odors were detected between the depths of 9.0 and 15.0 feet below the ground surface. Organic vapors were not detected with the PID, except in boreholes B20 and B24. In borehole B20, PID values ranging from 1 to 16 parts per million (ppm) were recorded between the depths of approximately 6.0 and 12.0 feet below the ground surface. In borehole B24, PID values ranging from 6 to 20 ppm were recorded between the depths of approximately 6.0 and 16.0 feet below the ground surface. Copies of the boring logs are attached with this report.

A soil electro conductivity (EC) probe was advanced at drilling locations B24, B26 and B32 by Vironex personnel to a total depth of approximately 60 feet. The soil conductivity boreholes were located immediately adjacent to the continuously cored boreholes that had been drilled for groundwater grab sample collection purposes. Soil conductivity was continuously measured and recorded for evaluation of subsurface stratigraphy to identify shallow and deep water-bearing zones for the site. The borehole locations are near the center of the gasoline plume (B24), at the upgradient end of the plume (B26), and at the downgradient end of the plume (B32), respectively. The EC probe manufacturer has suggested the following correlation between soil type and soil conductivity.

Coarse Sand = 75 ms/m (Milli-Siemens per meter)

Silty Sand = 76-150 ms/m (Milli-Siemens per meter)

Silty Clay = 151-200 ms/m (Milli-Siemens per meter)

Clay = 201 and greater ms/m (Milli-Siemens per meter)

In addition, the soil conductivity logs are correlated with the soil from the continuously cored boreholes. Copies of the soil conductivity logs are attached with this report. Please note that the electro conductivity scale on the EC logs is different for each log.

Groundwater was initially encountered in boreholes B18 through B32 at depths ranging from 11.0 to 30.0 feet below the ground surface. Groundwater was subsequently measured in boreholes B18 through B32 at depths ranging from 8.7 to 23.5 feet below the ground surface. Initial and subsequent water levels measured in the boreholes were recorded on the boring logs.

Groundwater samples were collected from all of the boreholes in the following manner. One groundwater grab sample was collected from each borehole for laboratory analysis by placing new, temporary 1-inch diameter slotted PVC pipe into each borehole and using polyethylene tubing and a stainless steel foot valve to remove groundwater from the PVC pipe. No sheen or separate phase layers of petroleum hydrocarbons were observed on any of the water from any of the boreholes. All water samples were transferred to one-liter amber bottles and 40-milliliter glass Volatile Organic Analysis (VOA) vials containing hydrochloric acid preservative, which were sealed with Teflon-lined screw caps. The VOAs were overturned and tapped to ensure that air bubbles were not present. The samples were labeled and placed in a cooler with ice pending delivery to a State-accredited hazardous waste testing laboratory. Chain of custody procedures were observed for all sample handling.

On August 14, 2006, after borehole B24 had been continuously cored to a depth of 25.0 feet, a Hydropunch was driven through the bottom of the open borehole, and the screen was exposed for the interval of 51.0 to 55.0 feet below the ground surface. Similarly, on August 14, 2006, after borehole B32 had been continuously cored to a depth of 30.0 feet, a Hydropunch was driven through the bottom of the open borehole, and the screen was exposed for the interval of 52.0 to 56.0 feet below the ground surface. A groundwater sample was collected from each Hydropunch using polyethylene tubing and a stainless steel foot valve. Once the Hydropunch tip had been set at the desired depth but prior to exposing the Hydropunch screen the interior of the Hydropunch rods were verified to be dry to ensure that water had not entered the Hydropunch through the rod joints prior to sample collection.

All drilling and sampling equipment was either previously unused clean material, or was cleaned with an Alconox solution followed by a clean water rinse prior to use in each borehole. Following completion of sample collection activities, the boreholes were filled with neat cement grout. Soil generated during drilling was stored in a drum at the site pending characterization and disposal.

Well Installation (E1, E2, E3, E6, E7, I1, I2)

From September 5 through September 8, 2006, RGA personnel oversaw the drilling of boreholes E1, E2, E3, E6, E7, I1 and I2. The boreholes were drilled by Gregg Drilling, Inc., of Benicia, California using a Marl M5T hollow stem auger drill rig. Boreholes E1, E2 and E3 were drilled to total vertical depths of 25.0 feet below the ground surface. Boreholes E6, E7, I1 and I2 were drilled to total vertical depths of 31.5, 30.5, 26.5, and 28.0 feet below the ground surface, respectively. Borehole I2 was drilled at a 30 degree angle as measured from vertical and in a southerly direction so that the borehole was drilled beneath the adjacent loading dock. The locations of the boreholes are shown on the attached GEOMAP, Figure 8.

Soil samples were collected from the boreholes at 5-foot intervals using a California-modified split spoon sampler lined with brass tubes driven by a 140 pound hammer falling 30 inches. The soil in the brass tubes and the soil cuttings were logged in the field in accordance with standard geologic field techniques and the Unified Soil Classification System. All soil from boreholes E1, E2, E3, E6, E7, I1 and I2 was evaluated with a Photoionization Detector (PID). No odors were detected in any of the boreholes with the exception of boreholes E6 and I2. In borehole E6, strong petroleum hydrocarbon odors were detected from the surface below the asphalt to a depth of approximately 10.0 feet below the ground surface. In borehole I2, strong petroleum hydrocarbon odors were detected between the depths of 1.5 and 15.0 feet below the ground surface, and slight petroleum hydrocarbon odors were detected between the depths of 15.0 and 20.0 feet below the ground surface. Organic vapors were detected with the PID in all of the boreholes except borehole E7. In borehole E1, a PID value of 15 ppm was recorded at a depth of approximately 10.0 feet below the ground surface. In borehole E2, a PID value of 5.8 ppm was recorded at a depth of approximately 10.0 feet below the ground surface. In borehole E3, PID values ranging from 0.4 to 1.4 ppm were recorded between the depths of approximately 4.0 and 6.0 feet below the ground surface. In borehole E6, a PID value of 278 ppm was recorded at a depth of approximately 8.0 feet below the ground surface. In borehole I1, PID values ranging from 7 to 13 ppm were recorded between the depths of approximately 8.0 and 12.0 feet below the ground surface. In borehole I2, PID values ranging from 1.4 to 2.4 ppm were recorded between the depths of approximately 3.0 and 16.0 feet below the ground surface. Groundwater was initially encountered in all of the boreholes at depths ranging from 10.0 to 17.0 feet below the ground surface. Copies of the boring logs are attached with this report.

Soil samples were retained from all of the boreholes for laboratory analysis at a depth of 10 feet below the ground surface. In addition, soil samples were retained for laboratory analysis from borehole E3 at a depth of 5 feet, E7 at a depth of 15 feet, and I2 at depths of 5 and 15 feet below the ground surface. The depth of sample collection in borehole I2 is measured from the ground surface along the length of the borehole, and is not the vertical depth of sample collection.

The rationale for the depths at which soil samples were retained for laboratory analysis was to collect soil samples from above, within, and below petroleum-impacted soil zones to define the vertical extent and degree of impact. Soil samples were collected and retained for laboratory analysis in the following manner. The middle tube of the three brass tubes in the California-
modified split spoon sampler was retained by sequentially covering each end of the tube with a Teflon sheet and a plastic end cap. The tube was then labeled and placed in a cooler with ice pending delivery to a State-accredited hazardous waste testing laboratory. Chain of custody procedures were observed for all sample handling.

Extraction wells E1, E2, E3, E6 and E7 were constructed using 4-inch diameter Schedule 40 PVC pipe to a depth of 25 feet, with the exception of E6, which was constructed to a depth of 20 feet. The lowermost portion of each well was constructed using 0.020-inch factory slotted PVC pipe, with 15 feet of slotted interval in E1, E3 and E6, and 20 feet of slotted interval in E2 and E7. A PVC cap was placed on the bottom of each well. The filter pack consisted of#2/12 sack sand which was placed in the borehole annular space to a height of one foot above the top of the screened interval. Bentonite pellets were placed in the annular space to a height of either 1 or 2 feet above the top of the filter pack

and hydrated, followed by placement of a neat cement grout sanitary seal to within one foot of the ground surface. The top of each well was covered with a traffic-rated well vault. Although borehole E6 was drilled to a total depth of 30 feet, the lowermost 6 feet of the borehole filled with sand slough and a 4-foot bentonite seal was placed in the bottom of the borehole above the slough prior to well construction. Similarly, borehole E7 was drilled to a total depth of 30.5 feet. However, the lowermost 5.5 feet of the borehole was filled with a bentonite seal prior to construction of the well.

Injection wells I2 and I3 were constructed using 2-inch diameter Schedule 40 PVC pipe to total depths of 22.5 and 27 feet, respectively. The lowermost portion of each well was constructed using a 5-foot long section of 0.020-inch factory slotted PVC pipe. A PVC cap was placed on the bottom of each well. The filter pack consisted of#2/12 sack sand which was placed in the borehole annular space to a height of one foot above the top of the screened interval. Bentonite pellets were placed in the annular space to a height of 2 feet above the top of the filter pack and hydrated, followed by placement of a neat cement grout sanitary seal to within one foot of the ground surface. The top of each well was covered with a traffic-rated well vault. Although borehole I1 was drilled to a total depth of 25 feet, the lowermost 2.5 feet of the borehole was filled with 2.5-foot thick bentonite seal prior to well construction. Similarly, borehole I2 was drilled to a total depth of 28 feet. However, the lowermost one foot of the borehole was filled with a bentonite seal prior to construction of the well. Injection well I2 was constructed at a 30 degree angle as measured from vertical. All measurements for borehole I2 and the associated well are measured along the length of the borehole.
All drilling and sampling equipment was either previously unused clean material, or was cleaned with a steam cleaner prior to use in each borehole. Following completion of sample collection activities, wells were constructed in each borehole as described above. Soil generated during drilling was stored in drums at the site pending characterization and disposal.

The wells were developed on September 22, 23 and 26, 2006 by surging and overpumping until the water purged from the wells was relatively clear. Water discharged from the wells was either disposed of through the existing onsite mobile groundwater treatment system used by CalClean associated with remedial efforts at the site, or was disposed of by Environmental Field Services
of Patterson, California. Documentation of water disposal associated with well development is provided under separate cover.

The wells were not surveyed pending completion of remedial efforts associated with the wells by CalClean. Following completion of remedial efforts at the site, the top of each well will be surveyed in accordance with GeoTracker requirements.

Well Sampling (E1, E2, E3, E6, E7, I1, MW1, MW2)

On October 31, 2006 well E7 was purged and sampled and on November 1, 2006 wells I1 and MW2 were purged and sampled. Prior to sampling, the wells were monitored for depth to water and the presence of free product or sheen. Depth to water was measured to the nearest 0.01 foot using an electric water level indicator. The measured depth to water in wells E7, I1 and MW2 was 9.49, 20.33 and 8.80 feet, respectively. The presence of free product or sheen was evaluated using a transparent bailer. No

free product was observed for any of the wells and no petroleum hydrocarbon odor was observed for the purge water for any of the wells. However, a slight sheen was noted in the purge water from well MW2.

Prior to sampling, the wells were purged of a minimum of three casing volumes of water. During purging operations, the field parameters of electrical conductivity, temperature and pH were monitored. Once the field parameters were observed to stabilize, and a minimum of three casing volumes had been purged, a water sample was collected using a clean Teflon bailer.

On November 1, 2006 water samples were also collected from wells E1, E2, E3, E6 and MW1. Purging was not necessary prior to sample collection for these wells because of active pumping from the wells at the time of sample collection associated with site remedial efforts by CalClean. The measured depth to water in these wells prior to sample collection was 24.15, 24.55, 24.35, 17.10 and 22.12 feet, respectively. The measured depth to water for all of these wells was nearly coincident with the bottom of each of the wells, and it was necessary to allow the wells to partially recharge to obtain a sample. Pumping by CalClean began on October 13, 2006 in wells E2, E3 and E3, on October 17, 2006 in well E1, and on October 19, 2006 in well MW1. Depth to water and the presence of free product and sheen were not measured in well I2 because the well was installed in a slant boring resulting in difficulties associated with the accuracy of measurements and getting field equipment in the well. The well was also not sampled for similar reasons.

Once adequate water level recovery had occurred for sample collection, a water sample was collected from each well using a clean Teflon bailer. No sheen or odor were observed for the samples collected from wells E1 and E6. No documentation for the presence of odor or sheen was recorded for the sample from well E3. In well E2 a slight sheen and slight petroleum hydrocarbon odor were reported for the sample, and in well MW1 a slight sheen and a moderate to strong petroleum hydrocarbon odor were reported for the sample.

The water samples from all of the wells were transferred to 40-milliliter glass VOA vials and 1-liter amber glass bottles, as appropriate, which were sealed with Teflon-lined screw caps. The VOA vials were overturned and tapped to ensure that no air bubbles were present.

The VOA vials and bottles were labeled and then transferred to a cooler with ice, until they were transported to McCampbell Analytical, Inc. in Pittsburg, California. McCampbell Analytical, Inc. is a State-Certified hazardous waste testing laboratory. Chain of custody documentation accompanied the samples to the laboratory. Records of the field parameters measured during well purging are attached with this report (see Groundwater Monitoring/Well Purging Data Sheets). Water purged from the wells during purging operations was transferred to the mobile onsite groundwater treatment system operated by CalClean for disposal.

Geophysical Survey and Anomaly Investigation

Following evaluation of the groundwater sample results from the soil borings that were drilled in August 2006, RGA personnel visually investigated the parking lot and east warehouse building for the

eastern portion of the subject for evidence of USTs on September 19, 2006. In the north end of the east warehouse, a metal plate was discovered that was recessed into the concrete slab. Beneath the metal plate, a debris-filled cavity was discovered which also contained a vertical pipe. Advanced Geological Services (AGS) subsequently performed a geophysical survey of the parking lot and east warehouse areas on September 26 and October 9, 2006. The survey methods and results are presented in a *Geophysical Survey - UST Search* report prepared by AGS dated October 17, 2006. A copy of the report is attached with this subsurface investigation report.

Two significant anomalies designated as Anomaly A and Anomaly B were identified in the east warehouse area. The location of Anomaly A corresponded to the metal plate identified on September 19, 2006, and Anomaly B did not correspond to any identifiable surface features. The locations of the anomalies are shown on Figure 6. On October 18, 2006, personnel from IMX, Inc. of Oakland, California (IMX) removed the warehouse concrete slab and excavated using a backhoe at each of the two anomaly locations. Excavation of the Anomaly A location revealed the presence of a brick slab beneath the concrete floor. Buried in the soil beneath the brick slab was debris consisting of numerous metal straps, buckets, shovel heads, burlap fabric, porcelain, and bottles with the majority of the debris consisting of broken sheet glass (i.e. window panes). A strong odor of decomposing organic matter was associated with the fill material. The debris extended vertically downward approximately 5 feet, and encompassed a circular-shaped area measuring approximately 5 feet in diameter. At the perimeter of the debris vertical planks of wood were observed. The wooden planks are interpreted to be the walls of a historic septic tank, and the contents of the tank appeared to be debris associated with former nursery operations. The soil was evaluated with a PID and no measurable concentrations of organic vapors were detected.

Excavation of the Anomaly B location revealed a brick slab beneath the concrete floor. No debris was encountered to a depth of approximately five feet below the concrete slab except for a pipe measuring approximately one foot in length. No odors or evidence of contamination were detected. The soil was evaluated with the PID, but no measurable organic vapors were detected.

A soil sample designated as Anomaly A Fill was collected from the stockpiled fill material that originated from the Anomaly A excavation. An additional sample, designated as Anomaly A-5.5 was collected from the bottom of the excavation at the depth of 5.0 feet below the ground surface (approximately 6 inches into the native silty clay beneath the fill material), using the backhoe bucket. At the Anomaly B location, sample Anomaly B-0.5 was collected at a depth of 0.5 feet below the concrete slab. Soil samples were collected and retained for laboratory analysis by driving a 6-inch long, 2-inch diameter stainless steel or brass tube into the soil. The ends of each tube were sequentially covered with aluminum foil and plastic endcaps. Each tube was then labeled and placed in a cooler with ice pending delivery to a State-accredited hazardous waste testing laboratory. Chain of custody procedures were observed for all sample handling.

<u>Boreholes B33 Through B39</u>

On October 18 and 19, 2006, RGA personnel observed the drilling of boreholes B33 through B39 to evaluate the eastern extent of diesel-range and oil-range petroleum hydrocarbons detected in groundwater samples collected from boreholes in August 2006. The boreholes were continuously

cored to a total depth of 25.0 feet below the ground surface by Vironex using Geoprobe direct-push technology and a macrocore barrel sampler lined with cellulose acetate tubes. The locations of the boreholes are shown on the site GEOMAP, Figure 8.

The soil was evaluated and logged using procedures described above. No odors were detected in any of the boreholes with the exception of borehole B36, where moderate petroleum hydrocarbon odors were detected from a depth of 5.0 and 8.0 feet below the ground surface, and slight petroleum hydrocarbon odors were detected between the depths of approximately 8.0 and 17.0 feet below the ground surface. Organic vapors were not detected with the PID in any of the boreholes except for borehole B36, where PID values ranging from 2 to 27 ppm were recorded between the depths of approximately 8.0 and 27.0 feet bgs. Copies of the boring logs are attached with this report.

Soil samples were retained for laboratory analysis from boreholes B33 through B39 at depths of 0.5 and 3.5 feet below the ground surface. The rationale for the depths at which soil samples were retained for laboratory analysis was to evaluate surface and near-surface conditions for contaminants associated with historic land use (nursery and equipment storage and maintenance yard). An additional soil sample was collected from borehole B36 at a depth of 7.5 feet based on the presence of odors. Soil samples were retained for laboratory analysis using methods described above. Chain of custody procedures were observed for all sample handling.

Groundwater was initially encountered in boreholes B33 through B39 at approximately 23.0 feet below the ground surface. Groundwater was subsequently measured in the boreholes at depths ranging from 9.5 to 13.8 feet below the ground surface. Initial and subsequent water levels measured in the boreholes were recorded on the boring logs. Groundwater samples were collected from the boreholes using the procedures described above. Chain of custody procedures were observed for all sample handling.

All drilling and sampling equipment was either previously unused clean material, or was cleaned with an Alconox solution followed by a clean water rinse prior to use in each borehole. Following completion of sample collection activities, the boreholes were filled with neat cement grout. Soil generated during drilling was stored in a drum at the site pending characterization and disposal.

Boreholes B40 Through B48

On October 26 and 27, 2006, RGA personnel hand augered boreholes B40 through B48 with a 3.5-inch outside diameter stainless steel hand auger. All of the boreholes were hand augered to total depths of 3.0 feet below the ground surface, except for borehole B43, which was hand augered to a depth of 1.3 feet below the ground surface. No water was encountered in any of the boreholes. The locations of the boreholes are shown on Figure 7 and the attached GEOMAP Figure 8.

The materials encountered in the boreholes was evaluated and logged using procedures described above. Soil from boreholes B40 through B48 was not evaluated with a PID.

No odors were detected in any of the boreholes with the exception of boreholes B41 and B42. In borehole B41, very strong petroleum hydrocarbon odors were detected between the depths of 0.6 and 2.0 feet below the ground surface, and moderate petroleum hydrocarbon odors were detected between the depths of 2.5 and 3.0 feet below the ground surface. In borehole B42, a moderate petroleum hydrocarbon was detected in the soil to a depth of at least 3.0 feet. Copies of the boring logs are attached with this report.

The rationale for the depths at which soil samples were retained for laboratory analysis was to evaluate surface and near-surface conditions for contaminants associated with historic land use (nursery, laundry, and general contractor equipment storage and maintenance yard). The objective was to collect one soil sample from directly beneath the concrete slab for metals analysis and one sample at a depth of approximately 3.0 feet for VOC analysis.

Soil samples were collected from directly beneath the concrete slab at a depth of 0.5 feet below the ground surface from all of the boreholes except for borehole B46. In borehole B46 a second concrete slab was encountered beneath the first concrete slab, resulting in collection of a soil sample from this borehole at a depth of 1.5 feet instead. In addition, a second shallow sample was collected from borehole B40 at a depth of 1.5 feet (the chain of custody and the laboratory report incorrectly identify the sample as being collected at a depth of 1.25 feet) to evaluate the presence of metals directly beneath a brick fill layer which was encountered in the borehole between the depths of 1.0 and 1.5 feet.

Soil samples were also collected at a depth of 3.0 feet below the ground surface from all of the boreholes except for borehole B43, which only extended to a depth of 1.3 feet below the ground surface because of drilling refusal. One additional soil sample was collected from borehole B41 at a depth of 2.5 feet to evaluate the presence of oil directly beneath a fill layer of brick that was encountered in the borehole between the depths of 2.0 and 2.5 feet. Very strong petroleum hydrocarbon odors were detected in the borehole in fill material located directly above the fill layer of brick.

Soil samples were collected from each borehole using a stainless steel sampler lined with a 2-inch diameter 6-inch long brass tube driven by a slide hammer. Following sample collection, the tube was removed from the sampler and the ends of the tube were sequentially covered with aluminum foil and plastic endcaps. The tubes were then labeled and placed in a cooler with ice pending delivery to a State-accredited hazardous waste testing laboratory. Chain of custody procedures were observed for all sample handling.

All drilling and sampling equipment was either previously unused clean material, or was cleaned with an Alconox solution followed by a clean water rinse prior to use in each borehole. Following completion of sample collection activities, the boreholes were filled with neat cement grout. Soil generated during drilling was stored in a drum at the site pending characterization and disposal.

GEOLOGY AND HYDROGEOLOGY

Based on review of regional geologic maps from U. S. Geological Survey Professional Paper 943, "Flatland Deposits - Their Geology and Engineering Properties and Their Importance to Comprehensive Planning," by E. J. Helley and K. R. Lajoie, 1979, the subject site is at the interface of underlying materials consisting of Late Pleistocene alluvium (Qpa) and Medium-Grained Alluvium (Qham). Late Pleistocene alluvium is described as weakly consolidated, slightly weathered, poorly sorted, irregularly interbedded clay, silt, sand, and gravel. Medium-Grained Alluvium is described as unconsolidated, moderately sorted, permeable fine sand, silt, and clayey silt with a few thin beds of coarse sand.

The surface cover materials encountered in all the boreholes consisted of concrete, except for boreholes B18, B19, B22, B23, B24, B31, E6 and I2, where the surface cover was asphalt. The subsurface materials in all of the boreholes consisted primarily of silt and clay. Coarse-grained materials were encountered in the boreholes as described below.

- Borehole B21: Silty sand from 12.0 to 13.5 and 15.0 to 17.0 ft. below the ground surface (bgs).
- Borehole B22: Sand from 5.0 to 11.0 feet bgs and gravelly sand from 11.0 to 13.0 feet bgs.
- Borehole B23: Silty sand from 26.0 to 28.0 feet bgs.
- Borehole B24: Silty sand from 8.0 to 11.0 feet bgs and sand from 15.0 to 20.0 feet bgs.
- Borehole B25: Silty sand from 0 to 8.0, 15.0 to 17.0 and 20.0 to 22.5 feet bgs.
- Borehole B29: Silty sand from 0.5 to 3.5 feet bgs, and sandy gravel from 6.5 to 7.0 feet bgs.
- Borehole B30: Silty sand from 23.5 to 24.5 feet bgs.
- Borehole B33: Sand from 22.0 to 23.0 feet bgs.
- Borehole B35: Sand from 24.0 to 24.5 feet bgs.
- Borehole B36: Sand with silt and gravel from 19.5 to 23.0 feet bgs, and sand from 23.0 to 23.5 feet bgs.
- Borehole B37: Sand with clay and gravel from 20.0 to 24.0 feet bgs, with silty sand from 22.0 to 22.5 feet bgs.
- Borehole B38: Sand with silt and gravel from 19.0 to 25.0 feet bgs.
- Borehole B39: Sand with silt and gravel from 18.5 to 22.0 feet bgs.
- Borehole E3: Clayey sand from 0.75 to 3.5 feet bgs, and sand from 3.5 to 5.5 feet bgs.
- Borehole E7: Silty clayey sand with fine to coarse grained sand from 23.5 to 30.5 feet bgs.
- Borehole I1: Sand fill from 1.0 to 1.5 feet bgs, silty sand from 10.0 to 11.5 and 20.0 to 21.5 feet bgs.
- Borehole I2: silty sand from 0 to 1.5 feet bgs, and clayey sand from 8.5 to 12.5 feet bgs.

Geologic cross sections and a discussion of the geologic cross sections were presented in RGA's March 2006 Subsurface Investigation Report (document 0304.R4). Comparison of the actual location of borehole B15 when projected onto geologic cross section C-C' shows that the borehole is approximately 12 feet closer to B14 on the geologic cross section and that the interpretation of the subsurface materials is unchanged.

Review of the EC logs shows that in upgradient borehole B26 the subsurface materials consisted predominantly of sand and silt between the ground surface and a depth of 9 feet, clay and silty clay between the depths of 9 and 26 feet, and sand and silty sand between the depths of 36 and 60 feet. Comparison of the visual boring log with the EC log shows that a reasonable correlation exists, although the visual log identified the interval from 7 to 17 feet below grade as consisting of medium stiff sandy silt and the EC log suggests that silty clay and clay are predominantly present in this interval.

Review of the EC log for borehole B24 (located near the center of the gasoline plume) shows that the subsurface materials consisted predominantly of sand and silty sand to a depth of 16 feet, silty clay and clay between the depths of 16 and 32 feet, and silty sand and sand between the depths of 32 and 58 feet. Silty clay was identified as present between the depths of 58 feet and the total depth explored of 60 feet. Comparison of the visual log with the EC log shows that there was no recovery for the visual log to a depth of 8 feet, which is consistent with coarse grained subsurface conditions and suggests a good correlation for this interval. Similarly, the visual log and the EC log show good correlation of silty sand as predominantly present between the depths of 8 and 15 feet. However, the visual log showed sand to be present between the depths of 15 and 20 feet, with no recovery below a depth of 20 feet while the corresponding EC log suggests the presence of silty clay and clay for this interval, indicating a poor correlation of the two logs for this interval.

Review of the EC log for borehole B32 (located at the downgradient portion of the gasoline plume) shows the subsurface materials to consist predominantly of silty sand with lesser amounts of silty clay between the ground surface and a depth of 28 feet, sand between the depths of 28 and 33 feet, silty sand between the depths of 33 and 45 feet, and sand and silty sand between the depths of 45 and 60 feet with silty clay between the depths of 53 and 55 feet. Comparison of the visual log shows good comparison for the entire 35 foot length of the visual log with the exception of the interval from 12 to 22 feet, where the EC log shows silty sand and silty clay and the visual log showed clay to be present.

Comparison of the EC logs shows that clay and silty clay were encountered in boreholes B24 and B26 at depths of less than 32 feet. Silty sand and sand were identified in all of the boreholes between the depths of 32 and approximately 53 feet. In all of the boreholes a silty clay interval measuring approximately two feet thick was encountered beginning at depths ranging from approximately 53 to 58 feet. Based on the highly variable nature of the deposits in the site vicinity it is very unlikely that this silty clay interval is continuous. However, the presence of this interval in all of the boreholes suggests that the bottom of the first water bearing zone may be at a depth of approximately 53 to 58 feet in the vicinity of the site. When comparing the EC logs, please note that the electro conductivity scale is different for each of the different logs.

Groundwater was initially encountered in boreholes B18 through B32 at depths ranging from 11.0 to 30.0 feet below the ground surface. Groundwater was subsequently measured in boreholes B18 through B32 at depths ranging from 8.7 to 23.5 feet below the ground surface.

Groundwater was initially encountered in boreholes B33 through B39 at approximately 23.0 feet below the ground surface. Groundwater was subsequently measured in the boreholes at depths ranging from 9.5 to 13.8 feet below the ground surface.

Review of the measured depths to water in the wells at the site prior to sample collection on October 31 and November 1, 2006 shows that the measured depth to water in well I1 was near the bottom of the well, even though pumping was not occurring at well I1. This suggests that the pumping of groundwater at nearby locations E1, E2, E3, E6 and MW1 resulted in dewatering of sediments in the vicinity of well I2. Similarly, the absence of lowered water levels in wells E7 and MW2 suggests that these two wells are located outside of the more permeable zone identified in the geologic cross sections discussed above. The more permeable zone identified in the geologic cross sections discussed above is also interpreted to be approximately coincident with the elevated concentrations of TPH-G and benzene shown on the isoconcentration contour maps with this report.

Review of an August 11, 2004 Quarterly Groundwater Monitoring Report prepared by Aqua Science Engineers, Inc. for the Kozel property located at 1001 42nd Street in Oakland (located across Linden Street and immediately to the northwest of the subject site) shows that the June 2004 groundwater flow direction was calculated to be to the southwest, based on water level data from 10 groundwater monitoring wells located at and near the Kozel property. This reported southwesterly groundwater flow direction is shown on Figures 2 through 5.

The surface elevation at the site is between 40 and 60 feet above Mean Sea Level. Review of Figure 1 shows that the topography in the site vicinity gently slopes to the southwest, and that San Francisco Bay is located approximately one mile west of the site. Based on the surface topography, the regional groundwater flow direction is assumed to be southwesterly, which is consistent with the groundwater flow direction obtained from the groundwater monitoring wells associated with the Kozel property.

LABORATORY RESULTS

All of the soil and groundwater samples were analyzed at McCampbell Analytical, Inc. (McCampbell) of Pittsburg, California. McCampbell is a State-accredited hazardous waste testing laboratory.

Borehole Soil Samples – Boreholes B18 Through B32

All of the soil samples submitted to the laboratory from boreholes B18 through B32 were analyzed as follows.

- Total Petroleum Hydrocarbons as Gasoline (TPH-G), Total Petroleum Hydrocarbons as Diesel (TPH-D) and Total Petroleum Hydrocarbons as Motor Oil (TPH-MO) using EPA Method 5030B in conjunction with modified EPA Method 8015C.
- Benzene, toluene, ethylbenzene and xylenes (BTEX), and for methyl tertiary butyl ether (MTBE) using EPA Method 8021B.

Soil sample results from boreholes B18 through B32 are summarized in Table 4, and soil sample results from the boreholes for the wells are summarized in Table 5. Copies of the laboratory analytical reports and chain of custody documentation are attached with this report.

Review of the soil sample results in Table 4 shows the following.

- MTBE was not detected in any of the samples,
- BTEX compounds were not detected in any of the samples with the exception of borehole B24 at depths of 10 and 15 feet, and xylenes were detected in borehole B31 at a depth of 15 feet and in borehole B32 at a depth of 20 feet at concentrations of 0.015 and 0.0050 mg/kg, respectively. All detected BTEX compounds were at concentrations below their respective Environmental Screening Level (ESL) values.
- TPH-G, TPH-D, and TPH-MO were not detected at concentrations exceeding their respective ESL values in any of the samples with the exception of borehole B20 at depths of 7.0 and 20.0 feet, where TPH-D was detected at concentrations of 130 and 330 mg/kg, respectively. Review of the laboratory report shows that the TPH-D results are described as consisting of unmodified or weakly modified diesel and with oil-range compounds being significant.

Borehole Soil Samples – Boreholes E1, E2, E3, E6, E7, I1, I2

Based on field observations, 11 of the soil samples collected from the boreholes for the wells (boreholes E1, E2, E3, E6, E7, I1 and I2) were analyzed as follows.

- Total Petroleum Hydrocarbons as Gasoline (TPH-G), Total Petroleum Hydrocarbons as Diesel (TPH-D) and Total Petroleum Hydrocarbons as Motor Oil (TPH-MO) using EPA Method 5030B in conjunction with modified EPA Method 8015C.
- Benzene, toluene, ethylbenzene and xylenes (BTEX), and for methyl tertiary butyl ether (MTBE) using EPA Method 8021B.

The soil sample results from the boreholes for the wells are summarized in Table 5. Copies of the laboratory analytical reports and chain of custody documentation are attached with this report.
Review of the soil sample results in Table 5 shows the following.

- MTBE was not detected in any of the samples,
- BTEX compounds were not detected in any of the samples with the exception of borehole E2, E3, I1 and I2 at a depth of 10.0 feet and in borehole I2 at a depth of 5.0 feet. All detected BTEX compounds were at concentrations below their respective ESL values with the exception of benzene in the sample from borehole I2 at a depth of 5.0 feet and all of the BTEX compounds in the sample from borehole I2 at a depth of 10.0 feet.
- TPH-G, TPH-D, and TPH-MO were not detected at concentrations exceeding their respective ESL values in any of the samples with the exception of borehole I2 at a depth of 10.0 feet, where TPH-G and TPH-D was detected at concentrations of 1,900 and 4600 mg/kg, respectively. Review of the laboratory report shows that the TPH-G results are

described as consisting of unmodified or weakly modified gasoline, and that the TPH-D results are described as consisting of gasoline range compounds and diesel range compounds with no recognizable pattern.

Geophysical Anomaly Soil Samples

Soil samples Anomaly A-5.5, Anomaly B-0.5 and Anomaly A Fill were analyzed for polynuclear aromatic hydrocarbons (PAHs/PNAs) by EPA Method 3550C in conjunction with EPA Method 8270C, and for CAM 17 Metals by EPA Method 6020A in conjunction with EPA Method 3050B. Samples Anomaly A-5.5 and Anomaly B-0.5 were also analyzed for TPH-G, TPH-D and TPH-MO by EPA Method 5030B in conjunction with modified EPA Method 8015C. Soil sample results from the geophysical anomaly investigation are summarized in Table 6. Copies of the laboratory analytical reports and chain of custody documentation are attached with this report.

Review of the soil sample results in Table 6 shows the following.

- TPH-G was not detected in any of the samples.
- TPH-D and TPH-MO were not detected at concentrations exceeding their respective ESL values.
- A total of 11 different PAH/PNA compounds were detected in sample Anomaly A Fill, only phenanthrene was detected in sample Anomaly A-5.5, and no PAHs/PNAs were detected in sample Anomaly B-0.5.
- Metals concentrations exceeding their respective ESL values was limited to lead in all of the samples and arsenic, chromium, cobalt, and copper in sample Anomaly B-0.5.

Borehole Soil Samples – Boreholes B33 Through B39

All soil samples from boreholes B33 through B39 were analyzed for VOCs by EPA Method 5030B in conjunction with EPA Method 8260B. All of the soil samples collected at a depth of 0.5 feet were analyzed for CAM 17 metals, and the soil sample collected from borehole B36 at a depth of 7.5 feet was analyzed for TPH-G, TPH-D and TPH-MO using EPA Method 5030B in conjunction with modified EPA Method 8015C. Soil sample results from boreholes B33 through B39 are summarized in Table 7. Copies of the laboratory analytical reports and chain of custody documentation are attached with this report.

Review of the soil sample results in Table 7 shows the following.

- VOCs were not detected in any of the samples.
- Metals concentrations exceeding their respective ESL values were limited to arsenic in samples from all of the boreholes except for B35 and B38.
- TPH-G, TPH-D, and TPH-MO were all detected in the sample from borehole B36 at a depth of 7.5 feet. However, only TPH-D was detected at a concentration exceeding the respective ESL value. Review of the laboratory report shows that the TPH-D results are

described as consisting of both unmodified or weakly modified diesel and aged diesel. The TPH-G results are described as consisting of strongly aged gasoline or diesel range compounds and also as having no recognizable pattern.

Borehole Soil Samples – Boreholes B40 Through B48

Soil samples from boreholes B40 through B48 were analyzed as follows.

- All samples collected at a depth of 0.5 feet (except for borehole B46) were analyzed for CAM 17 metals by EPA Method 6020A in conjunction with EPA Method 3050B. In addition, one soil sample collected from borehole B40 at a depth of 1.25 feet was also analyzed for CAM 17 metals.
- All of the soil samples were analyzed for BTEX and MTBE using EPA Method 8021B except for samples B40-1.25 and B46-1.5.

- All of the soil samples were analyzed for VOCs by EPA Method 8260B with the exception of samples B40-1.25, B41-0.5, B41-2.5, B42-0.5, and B46-1.5.
- All samples collected from boreholes B41 and B42 were analyzed for TPH-G, TPH-D and TPH-MO using EPA Method 5030B in conjunction with modified EPA Method 8015C.
- Analysis for polynuclear aromatic hydrocarbons (PAHs/PNAs) by EPA Method 3550C in conjunction with EPA Method 8270C was performed for samples B40-1,25, B41-2.5, and B46-1.5.

Soil sample results from boreholes B40 through B48 are summarized in Table 8. Copies of the laboratory analytical reports and chain of custody documentation are attached with this report.

Review of the soil sample results in Table 8 shows the following.

- Metals concentrations exceeding their respective ESL values were limited to arsenic in samples from all of the boreholes except for B41 and B42, cobalt in six of the samples, lead in four of the samples, chromium in one of the samples, and the metals cadmium, thallium and zinc in one of the samples (B46). The arsenic concentration in the sample from borehole B46 was approximately 20 times greater than any of the other arsenic concentrations.
- BTEX and MTBE and benzene were not detected in any of the samples, and the remaining BTEX compounds were only detected in samples from boreholes B41 and B42. All detected concentrations were below their respective ESL values.
- VOCs were not detected in any of the samples with the exception of samples from boreholes B41 and B42 at a depth of 3.0 feet. None of the detected VOCs exceeded their respective ESL values with the exception of naphthalene in borehole B41 at a depth of 3.0 feet.
- TPH-G, TPH-D, and TPH-MO were all detected in all of the samples from boreholes B41 and B42 at concentrations exceeding their respective ESL values. Review of the laboratory

report shows that the TPH-D results are described as consisting of both kerosene/kerosene range/jet fuel and also as oil range compounds. The TPH-G results are described as consisting of strongly aged gasoline or diesel range compounds and also as having no recognizable pattern.

- PAHs/PNAs were detected in all of the samples for which this analysis was performed with soil sample collected at a depth of 1.25 feet in borehole B41 having the only PAH/PNA concentrations exceeding their respective ESL values.

Borehole Groundwater Samples – Boreholes B18 Through B32

All of the groundwater samples from boreholes B18 through B27 and B29 through B32 were analyzed as follows.

- TPH-G, TPH-D and TPH-MO using EPA Method 5030B in conjunction with modified EPA Method 8015C.
- BTEX and MTBE using EPA Method 8021B.

The groundwater sample results from boreholes B18 through B27 and B29 through B32 are summarized in Table 9. Copies of the laboratory analytical reports and chain of custody documentation are attached with this report.

Review of the water sample results in Table 9 shows the following.

- MTBE was not detected in any of the samples.
- TPH-G was not detected, except in sample B24-25.0 at a concentration of 6,600 μg/L. TPH-D was detected in 11 of the 16 samples at concentrations ranging from 110 to 12,000 μg/L. TPH-MO was detected in 11 of the 16 samples at concentrations ranging from 310 to 27,000 μg/L. All of these detected concentrations exceeded their respective ESL values. Review of the laboratory reports shows that all of the TPH-D results are identified as consisting of oil-range compounds, and that all but two of the TPH-D results are also identified as consisting of diesel-range compounds with no recognizable pattern.
- Benzene was detected only in borehole B24 at depths of 25.0 and 55.0 feet at concentrations of 1,000 and 1.2 μg/L, respectively. These two detected concentrations exceed the benzene ESL value.

Well Water Samples – E1, E2, E3, E6, E7, I1, MW1, MW2

Groundwater samples were not collected from boreholes E1, E2, E3, E6, E7, I1 or I2. However, following construction and development, all of the wells with the exception of slant injection well I2 were sampled with existing groundwater monitoring wells MW1 and MW2 and all of the samples were analyzed as follows.

- TPH-G, TPH-D and TPH-MO using EPA Method 5030B in conjunction with modified EPA Method 8015C.
- BTEX and MTBE using EPA Method 8021B.

The groundwater sample results from the wells are summarized in Table 10. Copies of the laboratory analytical reports and chain of custody documentation are attached with this report.

Review of the water sample results in Table 10 shows the following.

- MTBE was not detected in any of the samples.
- TPH-G, TPH-D, TPH-MO, and BTEX were not detected in wells E1, E7, I1 or MW2.
- Benzene was only detected in wells E2 and E6 at concentrations of 0.52 and 4.9 ug/L, respectively.
- TPH-G was detected in wells was not detected, except in sample B24-25.0 at a concentration of 6,600 μg/L. TPH-D was detected in 11 of the 16 samples at concentrations ranging from 110 to 12,000 μg/L. TPH-MO was detected in 11 of the 16 samples at concentrations ranging from 310 to 27,000 μg/L. All of these detected concentrations exceeded their respective ESL values. Review of the laboratory reports shows that all of the TPH-D results are identified as consisting of oil-range compounds, and that all but two of the TPH-D results are also identified as consisting of diesel-range compounds with no recognizable pattern.
- Benzene was detected only in borehole B24 at depths of 25.0 and 55.0 feet at concentrations of 1,000 and 1.2 μg/L, respectively. These two detected concentrations exceeded their respective ESL values.

Borehole Water Samples – Boreholes B33 Through B39

Groundwater samples from boreholes B33 through B39 were analyzed as follows.

- TPH-G, TPH-D and TPH-MO using EPA Method 5030B in conjunction with modified EPA Method 8015C
- VOCs by EPA Method 5030B in conjunction with EPA Method 8260B.

The groundwater sample results are summarized in Table 11. Copies of the laboratory analytical reports and chain of custody documentation are attached with this report.

Review of the water sample results in Table 11 shows the following.

- TPH-G was not detected, TPH-D was detected in boreholes B36, B37 and B39 at concentrations of 120, 110 and 89 μg/L, respectively, and that TPH-MO was detected at concentrations of 480, 880 and 350 μg/L, respectively. All but one of these detected concentrations exceeded their respective ESL values. Review of the laboratory reports shows that all of the TPH-D results are identified as consisting of oil-range compounds, and that two of the TPH-D results are also identified as consisting of diesel-range compounds with no recognizable pattern.
- VOCs were not detected in any of the samples.

DISCUSSION AND RECOMMENDATIONS

MTBE was not detected in any of the soil or groundwater samples during this investigation. Comparison of RGA's June 26, 2006 Work Plan objectives and rationale for soil boring locations with the sample results from the boreholes and wells shows the following.

- Boreholes B18 Through B21
  - Review of Tables 4 and 9 shows that TPH-G, MTBE and BTEX were not detected in any of the soil or groundwater samples from these boreholes with the exception of borehole B20, where a heating oil UST was discovered next to the borehole. Based on these sample results, the extent of TPH-G and BTEX upgradient of the site and in the vicinity of borehole B13 were defined (see TPH-G and benzene isoconcentration contours in groundwater in Figures 2 and 5, respectively).
  - The fine-grained materials encountered in boreholes B19 and B20 suggest that these boreholes are located outside of the permeable zone associated with elevated TPH-G and BTEX groundwater concentrations. The absence of TPH-G and BTEX in soil and water samples from these boreholes further supports this interpretation. The sandy silt encountered in boreholes B18 and B21 suggest that these boreholes are located within the permeable zone associated with elevated TPH-G and BTEX groundwater concentrations. However, the absence of TPH-G and BTEX in soil and water samples from these boreholes does not support this interpretation (see TPH-G and benzene isoconcentration contours in groundwater in Figures 2 and 5, respectively). The absence of TPH-G and BTEX in these borehole samples suggests that these boreholes are located in materials that are peripheral to more permeable coarse-grained materials where the TPH-G and BTEX are encountered.
- Boreholes B22 Through B24
  - Review of Table 4 shows that the general absence of petroleum hydrocarbons in soil samples from these boreholes indicates that petroleum hydrocarbons are not a concern in the vicinity of the investigated former UST pit. None of the detected petroleum hydrocarbon concentrations in the soil samples exceeded their respective ESL values for these boreholes.

- Review of Table 9 shows that TPH-G and BTEX were not detected in any of the samples from these boreholes with the exception of B24 at a depth of 25.0 feet, where TPH-G, benzene, ethylbenzene and xylenes were detected at concentrations exceeding their respective ESL values. The TPH-G and BTEX results for these boreholes show that that although petroleum hydrocarbons detected in borehole B24 extend at least one half the distance from the suspected source area (the former UST located beneath the loading dock) to the former UST located near well MW2, the absence of TPH-G and BTEX in groundwater samples from boreholes B22 and B23 shows that the petroleum hydrocarbons do not extend as far from the source area as these two boreholes. Although the sand and sandy silt in all of these boreholes appears to be located within the permeable zone associated with elevated TPH-G and BTEX groundwater concentrations, the absence of TPH-G and BTEX in soil and water samples from boreholes B22 and B23 does not support this interpretation (see TPH-G and benzene isoconcentration contours in groundwater in Figures 2 and 5, respectively). The absence of TPH-G and BTEX in these borehole samples suggests that these boreholes are located in materials that are peripheral to more permeable coarse-grained materials where the TPH-G and BTEX are encountered.

- Boreholes B25 Through B27
  - Review of Table 4 shows that the general absence of petroleum hydrocarbons in soil samples from these boreholes indicates that petroleum hydrocarbons are not a concern in the vicinity of the investigated former UST pit. None of the detected petroleum hydrocarbon concentrations in the soil samples exceeded their respective ESL values for these boreholes.
  - Review of Table 9 shows that TPH-G and BTEX were not detected in any of the samples from these boreholes. Although the sand and sandy silt in all of these boreholes appears to be located within the permeable zone associated with elevated TPH-G and BTEX groundwater concentrations, the absence of TPH-G and BTEX in soil and water samples from boreholes B22 and B23 does not support this interpretation (see TPH-G and benzene isoconcentration contours in groundwater in Figures 2 and 5, respectively). The absence of TPH-G and BTEX in these borehole samples suggests that these boreholes are located in materials that are peripheral to more permeable coarse-grained materials where the TPH-G and BTEX are encountered.
- Boreholes B28 Through B30
  - On Figures 2, 5 and 6 in RGA's previous Subsurface Investigation Report (B13 Through B17) dated March 24, 2006 (document 0304.R4), the location of borehole B15 was incorrect. The location shown on the figures was the proposed location instead of the actual location. The drill rig could not access the proposed location due to the presence of large tanks and equipment. The actual location is approximately 20 feet to the northwest of the proposed location. Because borehole B15's actual location was approximately 20 feet to the northwest of the location shown in the March 24, 2006 report figures, proposed borehole locations B28 and B30 were combined into one borehole location designated as B30.

- Review of Table 4 shows that TPH-G and BTEX were not detected in any of the soil samples from boreholes B29 and B30.
- Review of Table 9 shows that TPH-G and BTEX were not detected in any of the groundwater samples from these boreholes. Although the sand and sandy silt in both of these boreholes appears to be located within the permeable zone associated with elevated TPH-G and BTEX groundwater concentrations, the absence of TPH-G and BTEX in soil and water samples from the boreholes does not support this interpretation (see TPH-G and benzene isoconcentration contours in groundwater in Figures 2 and 5, respectively). The absence of TPH-G and BTEX in these borehole samples suggests that these boreholes are located in materials that are peripheral to more permeable coarse-grained materials where the TPH-G and BTEX are encountered.
- Review of Table 4 shows that TPH-D and TPH-MO were not detected at concentrations exceeding their respective ESL values in any of the soil samples from borings B29 and B30, suggesting that surface sources for TPH-D and TPH-MO were not encountered at these drilling locations.
- Review of Table 9 shows that elevated concentrations of TPH-D and TPH-MO were detected in the groundwater grab samples from these boreholes. As discussed above, a heating oil UST was discovered adjacent to borehole B20. Review of TPH-D and TPH-MO isoconcentration contours in groundwater in Figures 3 and 4, respectively, (see also Tables 9, 10 and 11) shows that the source of the TPH-D and TPH-MO range compounds appears to be the UST adjacent to borehole B20.

- Boreholes B31 and B32
  - Review of Table 4 shows that the general absence of petroleum hydrocarbons in soil samples from these boreholes indicates that petroleum hydrocarbons are not a concern at these locations. None of the detected petroleum hydrocarbon concentrations in the soil samples exceeded their respective ESL values for these boreholes.
  - Review of Table 9 shows that TPH-G and BTEX were not detected in any of the groundwater samples from these boreholes, with the exception of 2.9 ug/L toluene and 1.6 ug/L xylenes in borehole B30. The fine-grained materials encountered in borehole B31 suggest that this borehole is located outside of the permeable zone associated with elevated TPH-G and BTEX groundwater concentrations. Although the sandy silt in borehole B32 appears to be located within the permeable zone associated with elevated TPH-G and BTEX groundwater concentrations, the absence of TPH-G and BTEX in soil and water samples from borehole B32 in conjunction with elevated concentrations of TPH-D and TPH-MO suggests that the downgradient end of the TPH-G and BTEX plume is defined by borehole B32 (see TPH-G and benzene isoconcentration contours in groundwater in Figures 2 and 5, respectively).

Based on the groundwater sample results discussed above, the horizontal extent of TPH-G and BTEX has been defined in groundwater at the subject site and is limited to the western portion of the property (see Figure 2).

Review of the EC logs suggests that the first water bearing zone may extend to a depth of approximately 55 feet. Evaluation of the vertical extent of petroleum hydrocarbons was limited to samples collected at drilling locations B24 and B32. The results show that no detectable concentrations of TPH-G or BTEX were detected at a depth of approximately 55 feet at either of these locations with the exception of 1.2 ug/L benzene at drilling location B 24. However, based on the comparatively higher concentration of benzene at a depth of 25 feet at drilling location B24, the attenuation of benzene at a depth of 55 feet and the absence of other gasoline constituents shows that the vertical extent of TPH-G and BTEX has been defined, including in the immediate vicinity of the source area (location B24).

Review of Table 5 shows that the only location where petroleum hydrocarbons were encountered at concentrations exceeding their respective ESL values in the boreholes for the wells was in borehole I2 at the depths of 5.0 and 10.0 feet. Review of Table 6 shows that approximately two weeks after the beginning of soil vapor extraction and groundwater pumping for remediation of TPH-G and BTEX at the site, TPH-G concentrations exceeding 100 ug/L were detected in groundwater samples from wells E2, E3, E6 and MW1. The distribution of elevated TPH-G concentrations in these wells and the absence of petroleum hydrocarbons in the other wells is consistent with the information historically obtained from the groundwater grab samples in borings B1 through B32 (see TPH-G and benzene isoconcentration contours in groundwater in Figure 2 and Figure 5, respectively).

The sample results summarized in Table 6 show that none of the detected organic analytes associated with the geophysical anomaly investigation exceeded their relative ESL values, that lead was detected at elevated concentrations in all of the samples associated with the geophysical anomaly investigation. RGA recommends that further evaluation of metals concentrations in the vicinity of Anomaly B should be performed at the time of property development. In addition, the sample results indicate that Waste Extraction Test (WET) analysis will be required for some metals to determine appropriate disposal classification for excavated soil.

The sample results summarized in Table 7 show that no VOCs were detected in any of the soil samples from the boreholes B33 through B39 at a depth of 3.5 feet, indicating that no evidence of subsurface impact from the historic use of solvents on the eastern portion of the property was detected. Analysis of the soil in borehole B36 at a depth of 7.5 feet that exhibited petroleum hydrocarbon odors shows that 140 mg/kg TPH-D was detected which the laboratory identified as diesel-range compounds. Review of Figures 6 and 8 shows that petroleum hydrocarbons were not detected in the soil borings located in the vicinity of the oil shacks identified on the Phase I report Sanborn Maps.

Review of the metals analysis results in Tables 7 and 8 for samples collected at a depth of approximately 0.5 feet at locations across the site shows that arsenic, cobalt and lead were the only metals detected multiple times at concentrations exceeding their respective ESL values, and that only one sample (B47-0.5) exhibited a metal concentration exceeding twice the respective ESL value. RGA

recommends that further evaluation of metals concentrations in the vicinity of borehole B47 should be performed at the time of property development. In addition, the sample results indicate that WET analysis will be required for some metals to determine appropriate disposal classification for excavated soil.

Table 8 shows that petroleum odors reported in boreholes B41 and B42 were identified as kerosene and oil-range compounds. VOCs detected in soil samples from these boreholes were identified as petroleum distillates, and three of the detected PNAs from these boreholes exceeded their respective ESL values. Although PNAs were detected in the sol sample from borehole B46, none if the PNA concentrations exceeded their respective ESL values. Review of Figure 6 shows that the Phase I report Sanborn Maps identified the building where boreholes B41 and B42 were located as historically used as an auto truck shed. It appears that the detected petroleum hydrocarbons may be associated with historic use of the building for vehicle maintenance or repair. The horizontal and vertical extent of the petroleum-impacted soil at boreholes B41 and B42 is presently unknown.

CalClean began soil vapor extraction and groundwater pumping on October 12, 2006 to evaluate the effectiveness of soil vapor extraction and groundwater pumping in reducing elevated subsurface TPH-G and BTEX concentrations. Documentation of the remedial efforts is provided in a separate report. RGA recommends that the results of groundwater pumping, vapor extraction and air sparging remedial efforts be evaluated and that remediation be performed to reduce TPH-G and gasoline-related compound concentrations to below their respective ESL values.

RGA removed the heating oil UST discovered adjacent to borehole B20 under the direction of the Oakland Fire Department. Documentation of the UST removal is provided in a separate report.

As is noted in Figures 3 and 4, the reported concentrations of TPH in grab-groundwater samples collected at B-13, B-15, B-21, B-29 and B-37 exceed the expected effective solubility of weathered fuel oil or motor oil sources, and therefore may not represent concentrations of dissolved petroleum hydrocarbons at those locations. To further evaluate TPH-D and TPH-MO compound concentrations in groundwater at the subject site, RGA installed groundwater monitoring wells MW4, MW5 and MW6 at locations shown on Figure 8. Documentation of the well installation is provided in a separate report.

DISTRIBUTION

A copy of this report will be uploaded to the ACDEH website, in accordance with ACDEH requirements. In addition, a copy of this report will be uploaded to the GeoTracker database.

LIMITATIONS

This report was prepared solely for the use of California Linen Rental Company. The content and conclusions provided by RGA in this assessment are based on information collected during our investigation, which may include, but not be limited to, visual site inspections; interviews with the site

owner, regulatory agencies and other pertinent individuals; review of available public documents; subsurface exploration and our professional judgment based on said information at the time of preparation of this document. Any subsurface sample results and observations presented herein are considered to be representative of the area of investigation; however, geological conditions may vary between borings and may not necessarily apply to the general site as a whole. If future subsurface or other conditions are revealed which vary from these findings, the newly revealed conditions must be evaluated and may invalidate the findings of this report.

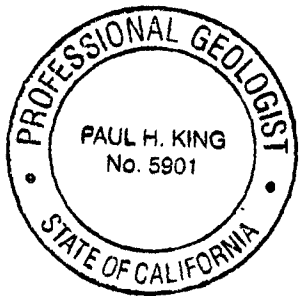
This report is issued with the understanding that it is the responsibility of the owner, or his representative, to ensure that the information contained herein is brought to the attention of the appropriate regulatory agencies, where required by law. Additionally, it is the sole responsibility of the owner to properly dispose of any hazardous materials or hazardous wastes left onsite, in accordance with existing laws and regulations.

This report has been prepared in accordance with generally accepted practices using standards of care and diligence normally practiced by recognized consulting firms performing services of a similar nature. RGA is not responsible for the accuracy or completeness of information provided by other individuals or entities which is used in this report. This report presents our professional judgment based upon data and findings identified in this report and interpretation of such data based upon our experience and background, and no warranty, either express or implied, is made. The conclusions presented are based upon the current regulatory climate and may require revision if future regulatory changes occur.

Should you have any questions or comments, please do not hesitate to contact us at (510) 547-7771.

Sincerely,

RGA Environmental, Inc.



Paul H. King
Professional Geologist #5901
Expires: ~~12/31~~/07

Karin Schroeter
Project Manager

Attachments:

Table 1- Summary of Historic Groundwater Monitoring Well Sample Results (MW1 Through MW3)
Table 2 - Summary of Historic Borehole Soil Sample Results (B4 Through B17)
Table 3 - Summary of Historic Borehole Groundwater Sample Results (B1 Through B17)
Table 4 - Summary of Borehole Soil Sample Results – Boreholes B18 Through B32
Table 5 - Summary of Borehole Soil Sample Results – Boreholes E1, E2, E3, E6, E7, I1, I2
Table 6 - Summary of Soil Sample Results – Geophysical Anomaly Investigation
Table 7 - Summary of Borehole Soil Sample Results – Boreholes B33 Through B39
Table 8 - Summary of Borehole Soil Sample Results – Boreholes B40 Through B48
Table 9 - Summary of Borehole Groundwater Sample Results – Boreholes B18 Through B32
Table 10 - Summary of Borehole Groundwater Sample Results – Wells E1, E2, E3, E6, E7, I1, I2, MW1, MW2
Table 11 - Summary of Borehole Groundwater Sample Results – Boreholes B33 Through B39
Figure 1- Site Location Map
Figure 2- Site Vicinity Map Showing TPH-G in Groundwater
Figure 3 - Site Vicinity Map Showing TPH-D in Groundwater
Figure 4 - Site Vicinity Map Showing TPH-MO in Groundwater
Figure 5 - Site Vicinity Map Showing Benzene in Groundwater
Figure 6 - Site Vicinity Map Showing Phase I Report Sanborn Map Features
Figure 7 - Site Vicinity Map Showing Hand Augered Borehole Locations
Figure 8 - GEOMAP
RGA Phase I Environmental Site Assessment Report Sanborn Maps
Advanced Geological Services, Inc. Report - *Geophysical Survey - UST Search* dated October 17, 2006
Boring Logs (B18 Through B27, B29 Through B48, E1, E2, E3, E6, E7, I1, I2)
Soil Electro Conductivity (EC) Logs (B24, B26, B32)
Well Construction Diagrams (E1, E2, E3, E6, E7, I1, I2)
Groundwater Monitoring/Well Purging Data Sheets
Laboratory Analytical Reports and Chain of Custody Documentation

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TABLE 1
SUMMARY OF
HISTORIC GROUNDWATER MONITORING WELL SAMPLE RESULTS
MW1 THROUGH MW3

Well No.	Date	TPH-G	TPH-D	Benzene	Toluene	Ethyl-benzene	Xylenes	Fuel Oxygenates and Lead Scavengers
MW1	05/17/05	**13,000**	NA	**2,400**	**230**	**490**	**240**	NA, except MTBE = ND<120
	04/02/03	**24,000**	NA	**4,000**	**1,600**	**2,300**	**1,400**	ND<50, except TBA = ND<500
	03/18/92	**77,000**	**14,000**	**17,000**	**18,000**	**2,300**	**1,300**	NA
	11/21/91	**47,000**	**9,800**	**6,000**	**7,200**	**2,200**	**1,000**	NA
	08/15/91	**59,000**	**3,500**	**3,800**	**5,500**	**1,100**	**4,800**	NA
	06/05/91	**23,000**	**560**	**2,000**	**1,200**	**640**	**2,500**	NA
	01/28/91	**99,000**	**1,700**	**4,400**	**7,400**	**1,800**	**8,600**	NA
	10/23/90	**50,000**	**1,100**	**3,300**	**4,000**	**4,200**	**4,700**	NA
	07/25/90	**34,000**	ND	**2,000**	**670**	**120**	**1,500**	NA
	02/20/90	**73,000**	**2,200**	**7,500**	**5,900**	**680**	**5,300**	NA
	10/02/89	**70,000**	**610**	**2,800**	**2,400**	**2,300**	**4,800**	NA
ESL		100	100	1.0	40	30	20	5.0

Notes:
TPH-D = Total Petroleum Hydrocarbons as Diesel.
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
ESL = February 2005 Regional Water Quality Control Board Environmental Screening Level, residential land use, where groundwater is considered a current or potential source of drinking water.
Values in **bold** exceed the ESL.
ND = Not Detected.
NA = Not Analyzed.
Results are in micrograms per liter (μg/L).

TABLE 1 (Contd.)
SUMMARY OF
HISTORIC GROUNDWATER MONITORING WELL SAMPLE RESULTS
MW1 THROUGH MW3

Well No.	Date	TPH-G	TPH-D	Benzene	Toluene	Ethyl-benzene	Xylenes	Fuel Oxygenates and Lead Scavengers
MW2	04/02/03	ND<50	NA	ND<0.5	ND<0.5	ND<0.5	0.74	ND<0.5, except TBA = ND<5
	03/18/92	ND	ND	ND	1.1	ND	3.3	NA
	11/21/91	ND	ND	ND	ND	ND	ND	NA
	08/15/91	ND	ND	ND	ND	ND	ND	NA
	06/05/91	ND	ND	ND	ND	ND	ND	NA
	01/28/91	ND	ND	ND	ND	ND	ND	NA
	10/23/90	ND	ND	ND	ND	ND	ND	NA
	07/25/90	ND	ND	ND	ND	ND	ND	NA
	02/20/90	ND	ND	ND	ND	ND	ND	NA
	10/02/89	ND	ND	ND	ND	ND	ND	NA
MW3	02/20/90	ND	ND	ND	ND	ND	ND	NA
	10/02/89	ND	ND	ND	ND	ND	ND	NA
ESL		100	100	1.0	40	30	20	5.0

Notes:
TPH-D = Total Petroleum Hydrocarbons as Diesel.
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
ND = Not Detected.
NA = Not Analyzed.
ESL = February 2005 Regional Water Quality Control Board Environmental Screening Level, residential land use, where groundwater is considered a current or potential source of drinking water.
Values in **bold** exceed the ESL.
Well MW3 was destroyed on July 19, 1991.
Results are in micrograms per liter (μg/L).

TABLE 2
SUMMARY OF
HISTORIC BOREHOLE SOIL SAMPLE RESULTS – B4 THROUGH B17
(Samples B4-B6 Collected September 13 and 14, 2005)

Sample No.	TPH-G/ TPH-SS	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE and Other VOCs
B4-5.0	ND<1.0/ NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
B4-7.5	ND<1.0/ NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
B4-10.0	ND<1.0/ NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
B4-21.5	ND<1.0/ NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
B5-5.0	ND<1.0/ NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
B5-7.5	**590**,a,b/ NA	ND<0.20	0.20	0.66	**4.0**	ND<2.0/NA
B5-11.0	ND<1.0/ NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
B5-19.5	ND<1.0/ NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
ESL	100	0.044	2.9	3.3	2.3	0.023

Notes:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
TPH-SS = Total Petroleum Hydrocarbons as Stoddard solvent.
ND = Not Detected.
NA = Not Analyzed.
ESL = February 2005 Regional Water Quality Control Board Environmental Screening Level, residential land use, where groundwater is considered a current or potential source of drinking water.
Values in **bold** exceed the ESL.
a = Laboratory analytical report note: strongly aged gasoline or diesel range compounds are significant.
b = Laboratory analytical report note: no recognizable pattern.
Results are in milligrams per kilogram (mg/kg).

TABLE 2 (Contd.)
SUMMARY OF
HISTORIC BOREHOLE SOIL SAMPLE RESULTS – B4 THROUGH B17
(Samples B4-B6 Collected September 13 and 14, 2005)

Sample No.	TPH-G/ TPH-SS	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE/Other VOCs
B6-5	ND<1.0/ NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
B6-7	**240**,b,c/ NA	ND<0.20	ND<0.20	1.7	**9.2**	ND<2.0/NA
B6-10	ND<1.0/ ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
B6-12.5	4.9/ 5.1	ND<0.005	0.020	0.040	0.23	ND<0.05/ND<0.005, except n Butyl benzene = 0.0097, Ethylbenzene = 0.021, 1,2,4-Trimethylbenzene = 0.085, Naphthalene = 0.0085, n-Propyl benzene = 0.018, 1,3,5-Trimethylbenzene = 0.026, xylenes = 0.093
B6-13.5	ND<1.0/ ND<1.0	ND<0.005	ND<0.005	ND<0.005	0.019	ND<0.05/NA
B6-17.0	15/ 12	0.0085	ND<0.005	0.17	0.84	ND<0.05/ND<0.005, except n Butyl benzene = 0.045, Ethylbenzene = 0.081, Isopropylbenzene = 0.021, 1,2,4-Trimethylbenzene = 0.41, sec-Butyl benzene = 0.011, 4-Isopropyl toluene = 0.013, Naphthalene = 0.042, n-Propyl benzene = 0.078, 1,3,5-Trimethylbenzene = 0.11, xylenes = 0.38
B6-19.0	ND<1.0/ ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/ND<0.005
ESL	100	0.044	2.9	3.3	2.3	

Notes:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
TPH-SS = Total Petroleum Hydrocarbons as Stoddard Solvent.
ESL = February 2005 Regional Water Quality Control Board Environmental Screening Level, residential land use, where groundwater is considered a current or potential source of drinking water. Values in **bold** exceed the ESL.
ND = Not Detected.
NA = Not Analyzed.
b = Laboratory analytical report note: no recognizable pattern.
c = Laboratory analytical report note: heavier gasoline range compounds are significant (aged gasoline?).
Results are in milligrams per kilogram (mg/kg).

TABLE 2 (Contd.)
SUMMARY OF
HISTORIC BOREHOLE SOIL SAMPLE RESULTS – B4 THROUGH B17
(Samples B7-B12 Collected October 10, 11 and 12, 2005)

Sample No.	TPH-G/ TPH-SS	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE/ Other VOCs
B7-5.0	ND<1.0/ NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
B7-7.0	36,a,b/ NA	ND<0.25	ND<0.25	ND<0.25	0.049	ND<0.25/NA
B7-17.0	ND<1.0/ NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
B7-19.0	ND<1.0/ NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
B8-5.0	ND<1.0/ NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
B8-7.5	**230**,a/ NA	ND<5.0	ND<0.50	ND<0.50	0.81	ND<0.50/NA
B8-10.0	ND<1.0/ NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
B8-12.5	ND<1.0/ NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
B8-19.5	ND<1.0/ NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
B9-5.0	ND<1.0/ NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
B9-10.0	ND<1.0/ NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
B9-19.5	ND<1.0/ NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
ESL	100	0.044	2.9	3.3	2.3	0.023

Notes:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
TPH-SS = Total Petroleum Hydrocarbons as Stoddard Solvent.
ESL = February 2005 Regional Water Quality Control Board Environmental Screening Level, residential land use, where groundwater is considered a current or potential source of drinking water.
Values in **bold** exceed the ESL.
ND = Not Detected.
NA = Not Analyzed.
a = Laboratory analytical report note: strongly aged gasoline or diesel range compounds are significant.
b = Laboratory analytical report note: no recognizable pattern.
Results are in milligrams per kilogram (mg/kg).

TABLE 2 (Contd.)
SUMMARY OF
HISTORIC BOREHOLE SOIL SAMPLE RESULTS – B4 THROUGH B17
(Samples B7-B12 Collected October 10, 11 and 12, 2005)

Sample No.	TPH-G/ TPH-SS	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE/ Other VOCs
B10-5.0	ND<1.0/ NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
B10-10.0	ND<1.0/ NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
B10-19.5	ND<1.0/ NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
B11-5.0	ND<1.0/ NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
B11-19.5	ND<1.0/ NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
B12-5.0	ND<1.0/ NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
B12-10.0	ND<1.0/ NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
B12-19.5	ND<1.0/ NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05/NA
ESL	100	0.044	2.9	3.3	2.3	0.023

Notes:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
TPH-SS = Total Petroleum Hydrocarbons as Stoddard Solvent.
ESL = February 2005 Regional Water Quality Control Board Environmental Screening Level, residential land use, where groundwater is considered a current or potential source of drinking water.
Values in **bold** exceed the ESL.
ND = Not Detected.
NA = Not Analyzed.
Results are in milligrams per kilogram (mg/kg).

TABLE 2 (Contd.)
SUMMARY OF
HISTORIC BOREHOLE SOIL SAMPLE RESULTS – B4 THROUGH B17
(Samples B13-B17 Collected January 11 and 12, 2006)

Sample No.	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
B13-5.0	1.5,b	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B13-8.5	62,c,b	0.021	0.064	ND<0.017	0.15	ND<0.17
B14-5.0	ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B14-10.0	ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B15-5.0	ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B15-10.0	ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B16-5.0	ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B16-10.0	ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B17-5.0	5.1,b	ND<0.005	0.022	ND<0.005	0.021	ND<0.05
B17-8.5	1.2,b	ND<0.005	0.0076	ND<0.005	ND<0.005	ND<0.05
B17-17.5	ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
ESL	100	0.044	2.9	3.3	2.3	0.023

Notes:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
ND = Not Detected.
ESL = February 2005 Regional Water Quality Control Board Environmental Screening Level, residential land use, where groundwater is considered a current or potential source of drinking water.
Values in **bold** exceed the ESL.
b = Laboratory analytical report note: no recognizable pattern.
c = Laboratory analytical report note: heavier gasoline range compounds are significant (aged gasoline?).
Results are in milligrams per kilogram (mg/kg).

TABLE 3
SUMMARY OF
HISTORIC BOREHOLE GROUNDWATER SAMPLE RESULTS – B1 THROUGH B17
(Samples B1-B3 Collected July 21, 2004)

Sample No.	TPH-G	TPH-D	Benzene	Toluene	Ethylbenzene	Xylenes
B1	ND<50	81	ND<0.5	ND<0.5	ND<0.5	ND<0.5
B2	ND<50	ND<50	ND<0.5	0.56	ND<0.5	0.6
B3	**500**,c	**180**,d	ND<0.5	0.55	18	**44**
ESL	100	100	1.0	40	30	20

Notes:
TPH-D = Total Petroleum Hydrocarbons as Diesel.
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
ND = Not Detected.
ESL = February 2005 Regional Water Quality Control Board Environmental Screening Level, residential land use, where groundwater is considered a current or potential source of drinking water. Values in **bold** exceed the ESL.
c = Laboratory analytical report note: heavier gasoline range compounds are significant (aged gasoline?).
d = Laboratory analytical report note: gasoline range compounds are significant.
Results are in micrograms per liter (μg/L).

TABLE 3 (Contd.)
SUMMARY OF
HISTORIC BOREHOLE GROUNDWATER SAMPLE RESULTS – B1 THROUGH B17
(Samples B4-B6 Collected September 13 and 14, 2005)
(Samples B7-B12 Collected October 10, 11 and 12, 2005)

Sample No.	TPH-G/ TPH-SS	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE/ Other VOCs
B4-28.0, Water	**120**/NA	ND<0.5	1.6	ND<0.5	0.79	ND<5.0/NA
B5-28.0, Water	**120**/NA	**1.0**	1.0	1.1	5.0	ND<5.0/NA
B6-24.0, Water	**1,900**/ **1,400**	**23**	0.95	**62**	**240**	ND<5.0, except benzene = **26**, n Butyl benzene = 20, Ethylbenzene = **82**, Isopropylbenzene = 17, 1,2,4-Trimethylbenzene = 200, sec-Butyl benzene = 0.011, Naphthalene = 24, n-Propyl benzene = 50, 1,3,5-Trimethylbenzene = 65, xylenes = **320**
B7-32.0, Water	ND<50/ NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0/NA
B8-32.0, Water	ND<50/ NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0/NA
B9-32.0, Water	ND<50/ NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0/NA
B10-32.0, Water	ND<50/ NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0/NA
B11-32.0, Water	ND<50/ NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0/NA
B12-32.0, Water	ND<50/ NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0/NA
ESL	100	1.0	40	30	20	

Notes:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
TPH-SS = Total Petroleum Hydrocarbons as Stoddard Solvent.
VOCs = Volatile Organic Compounds
ESL = February 2005 Regional Water Quality Control Board Environmental Screening Level, residential land use, where groundwater is considered a current or potential source of drinking water. Values in **bold** exceed the ESL.
ND = Not Detected.
NA = Not Analyzed.
Results are in micrograms per Liter (μg/L).

TABLE 3 (Contd.)
SUMMARY OF
HISTORIC BOREHOLE GROUNDWATER SAMPLE RESULTS – B1 THROUGH B17
(Samples B13-B17 Collected January 11 and 12, 2006)

Sample No.	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE
B13-9.0	**16,000**,e	**3,900**,d,f,e	**2,700**	**21**	4.6	**250**	**27**	ND<25
B14-18.0	ND<50	NA	NA	ND<0.5	1.7	ND<0.5	1.2	ND<5.0
B15-9.0	ND<50	**4,100**,f	**35,000**	ND<0.5	1.8	ND<0.5	0.52	ND<5.0
B15-19.0	**160**,c,e	**170,000**,f,e	**1,300,000**	ND<0.5	9.0	0.55	3.6	ND<5.0
B16-18.0	ND<50,e	NA	NA	ND<0.5	3.4	ND<0.5	1.6	ND<5.0
B17-18.0	**220**,d,e	NA	NA	**2.5**	12	7.4	3.3	ND<5.0
ESL	100	100	100	1.0	40	30	20	5.0

Notes:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
TPH-D = Total Petroleum Hydrocarbons as Diesel.
TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.
MTBE = Methyl Tertiary Butyl Ether
ESL = February 2005 Regional Water Quality Control Board Environmental Screening Level, residential land use, where groundwater is considered a current or potential source of drinking water. Values in **bold** exceed the ESL.
ND = Not Detected.
NA = Not Analyzed.
c = Laboratory analytical report note: heavier gasoline range compounds are significant (aged gasoline?).
d = Laboratory analytical report note: gasoline range compounds are significant.
e = Laboratory analytical report note: lighter than water immiscible sheen/product is present.
f= Laboratory analytical report note: oil range compounds are significant.
Results are in micrograms per Liter (μg/L).

TABLE 4
SUMMARY OF
BOREHOLE SOIL SAMPLE RESULTS – B18 THROUGH B32
(Samples B18-B32 Collected on August 8 Through 11, 2006)

Sample No.	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
B18-10.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B18-15.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B18-19.5	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B19-10.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B19-15.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B19-20.0	ND<1.0	1.4,f	26	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B20-7.0	14,a	**130,g,f**	56	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B20-10.0	3.2,a	31,g	15	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B20-15.0	ND<1.0	2.1,g	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B20-20.0	41,a,f,b	**330,g,f**	130	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B21-10.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B21-15.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B21-22.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B22-10.0	ND<1.0	2.8,f,h	6.9	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B22-15.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B22-20.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
ESL	100	100	500	0.044	2.9	3.3	2.3	0.023

Notes:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
TPH-D = Total Petroleum Hydrocarbons as Diesel.
TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.
MTBE = Methyl Tertiary Butyl Ether
ESL = February 2005 Regional Water Quality Control Board Environmental Screening Level, residential land use, where groundwater is considered a current or potential source of drinking water. Values in **bold** exceed the ESL.
ND = Not Detected.
a = strongly aged gasoline or diesel range compounds are significant.
b = no recognizable pattern.
f = oil range compounds are significant.
g = unmodified or weakly modified diesel is significant.
h = diesel range compounds are significant; no recognizable pattern.
Results are in milligrams per kilogram (mg/kg).

TABLE 4 (Contd.)
SUMMARY OF
BOREHOLE SOIL SAMPLE RESULTS – B18 THROUGH B32
(Samples B18-B32 Collected on August 8 Through 11, 2006)

Sample No.	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
B23-10.0	ND<1.0	3.5,f	47	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B23-15.0	2.2,a,b	1.2,d	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B23-20.0	ND<1.0	1.9,f,h	12	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B24-10.0	14,c,a	2.4,d,h	ND<5.0	0.0055	0.019	0.013	0.051	ND<0.05
B24-15.0	2.3,i	4.0,f,d	19	0.021	0.0081	0.049	0.015	ND<0.05
B24-20.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B25-10.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B25-15.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B25-22.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B26-10.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B26-15.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B26-20.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B27-10.0	ND<1.0	8.2,f,h	24	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B27-15.0	ND<1.0	7.8.f,h	13	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B27-22.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
ESL	100	100	500	0.044	2.9	3.3	2.3	0.023

Notes:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
TPH-D = Total Petroleum Hydrocarbons as Diesel.
TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.
MTBE = Methyl Tertiary Butyl Ether
ESL = February 2005 Regional Water Quality Control Board Environmental Screening Level, residential land use, where groundwater is considered a current or potential source of drinking water. Values in **bold** exceed the ESL. Values in **bold** exceed the ESL.
ND = Not Detected.
a = strongly aged diesel or gasoline range compounds are significant.
b = no recognizable pattern.
c = heavier gasoline range compounds are significant (aged gasoline?).
d = gasoline range compounds are significant.
f = oil range compounds are significant.
h = diesel range compounds are significant; no recognizable pattern.
i = unmodified or weakly modified gasoline is significant.
Results are in milligrams per kilogram (mg/kg).

TABLE 4 (Contd.)
SUMMARY OF
BOREHOLE SOIL SAMPLE RESULTS – B18 THROUGH B32
(Samples B18-B32Collected on August 8 Through 11, 2006)

Sample No.	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
B29-6.5	ND<1.0	9.3,f,h	53	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B29-10.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B29-15.0	ND<1.0	1.5,f,h	8.3	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B29-20.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B30-10.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B30-15.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B30-20.0	ND<1.0	2.1,f	13	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B31-10.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B31-15.0	ND<1.0	1.7,f,h	6.4	ND<0.005	ND<0.005	ND<0.005	0.015	ND<0.05
B31-20.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B32-10.0	ND<1.0	8.1,f,h	25	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B32-15.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
B32-20.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	0.0050	ND<0.05
ESL	100	100	500	0.044	2.9	3.3	2.3	0.023

Notes:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
TPH-D = Total Petroleum Hydrocarbons as Diesel.
TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.
MTBE = Methyl Tertiary Butyl Ether
ESL = February 2005 Regional Water Quality Control Board Environmental Screening Level, residential land use, where groundwater is considered a current or potential source of drinking water.Values in **bold** exceed the ESL.
ND = Not Detected.
f = oil range compounds are significant.
h = diesel range compounds are significant; no recognizable pattern.
Results are in milligrams per kilogram (mg/kg).

TABLE 5
SUMMARY OF
BOREHOLE SOIL SAMPLE RESULTS – E1, E2, E3, E6, E7, I1, I2
(Samples E1, E2, E3, E6, E7, I1, I2 Collected on September 5 Through 8, 2006)

Sample No.	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
E1-10.5	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
E2-10.0	2.4,c	ND<1.0	ND<5.0	ND<0.005	0.030	0.052	0.22	ND<0.05
E3-5.0	ND<1.0	1.1,h	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
E3-10.0	47,a,j	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	0.27	ND<0.05
E6-10.5	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
E7-10.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
E7-15.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
I1-10.5	5.9,b	ND<1.0	ND<5.0	ND<0.005	ND<0.005	0.016	ND<0.005	ND<0.05
I2-5.0	6.9,i	6.6,d,h	ND<5.0	**0.052**	0.0052	ND<0.005	0.0057	ND<0.05
I2-10.0	**1,900,i**	**460,d,h**	7.4	**4.3**	**25**	**33**	**180**	ND<10
I2-15.0	ND<1.0	ND<1.0	ND<5.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
ESL	100	100	500	0.044	2.9	3.3	2.3	0.023

Notes:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
TPH-D = Total Petroleum Hydrocarbons as Diesel.
TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.
MTBE = Methyl Tertiary Butyl Ether
ESL = February 2005 Regional Water Quality Control Board Environmental Screening Level, residential land use, where groundwater is considered a current or potential source of drinking water.Values in **bold** exceed the ESL.
ND = Not Detected.
a = strongly aged gasoline or diesel range compounds are significant.
b = no recognizable pattern.
c = heavier gasoline range compounds are significant (aged gasoline?).
d = gasoline range compounds are significant.
h = diesel range compounds are significant; no recognizable pattern.
i = unmodified or weakly modified gasoline is significant.
j = Stoddard solvent/mineral spirit.
Results are in milligrams per kilogram (mg/kg).

TABLE 6
SUMMARY OF
SOIL SAMPLE RESULTS – GEOPHYSICAL ANOMALY INVESTIGATION
(Samples For Geophysical Anomalies Collected October 18, 2006)

Sample Name	TPH-G	TPH-D	TPH-MO	PNAs
Anomaly A-5.5	ND<1.0	7.1,f,k	12	ND<0.050, except Phenanthrene=0.0055
Anomaly B-0.5	ND<1.0	68,f,h	170	ND<0.25
Anomaly A Fill	NA	NA	NA	ND, except Benzo(a)anthracene=0.024 Benzo(a)pyrene=0.021 Benzo(b)fluoranthene=0.014 Benzo(g,h,i)perylene=0.015 Benzo(k)fluoranthene=0.017 Chrysene=0.026 Fluoranthene=0.034 Indeno(1,2,3-cd)pyrene=0.012 Naphthalene=0.0066 Phenanthrene=0.018 Pyrene=0.031
ESL	100	100	500	Variable

Notes:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
TPH-D = Total Petroleum Hydrocarbons as Diesel.
TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.
NA = Not Analyzed.
ND = Not Detected.
f = oil range compounds are significant.
k = one to a few isolated peaks present.
h = diesel range compounds are significant; no recognizable pattern.
ESL = February 2005 Regional Water Quality Control Board Environmental Screening Level, residential land use, where groundwater is considered a current or potential source of drinking water.Values in **bold** exceed the ESL.
Results are in milligrams per kilogram (mg/kg).

TABLE 6 (Contd.)
SUMMARY OF
SOIL SAMPLE RESULTS – GEOPHYSICAL ANOMALY INVESTIGATION
(Samples For Geophysical Anomalies Collected on October 18, 2006)

Sample ID	Sb	As	Ba	Be	Cd	Cr	Co	Cu	Pb	Hg	Mo	Ni	Se	Ag	Tl	V	Zn
Anomaly A-5.5	0.94	4.3	110	ND<0.5	0.84	21	4.6	48	**260**	0.98	2.0	24	ND<0.5	0.51	ND<0.5	22	300
Anomaly B-0.5	5.2	**6.7**	180	ND<0.5	1.4	**60**	**12**	**1100**	**380**	0.40	1.1	67	ND<0.5	ND<0.5	ND<0.5	36	450
Anomaly A Fill	0.91	4.9	150	ND<0.5	0.36	29	7.9	27	**560**	0.23	0.69	32	ND<0.5	ND<0.5	ND<0.5	32	140
ESL	6.1	5.5	750	4.0	1.7	58	10	230	150	3.7	40	150	10	20	1.0	110	600

Notes:

Sb = Antimony Cd = Cadmium Pb = Lead Se = Selenium Zn = Zinc
As = Arsenic Cr = Chromium Hg = Mercury Ag = Silver
Ba = Barium Co = Cobalt Mo = Molybdenum Tl = Thallium
Be = Beryllium Cu = Copper Ni = Nickel V = Vanadium

ESL = Regional Water Quality Control Board Environmental Screening Level**,** residential land use, where groundwater is considered a current or potential source of drinking water. Values in **bold** exceed the ESL.
ND = Not Detected. NA = Not Analyzed
Results are in milligrams per kilogram (mg/kg).

TABLE 7
SUMMARY OF
BOREHOLE SOIL SAMPLE RESULTS – B33 THROUGH B39
(Samples B33-B39 Collected on October 18 and 19, 2006)

Sample No.	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	VOCs	PAHs/ PNAs
B33-0.5	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
B33-3.5	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
B34-0.5	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
B34-3.5	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
B35-0.5	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
B35-3.5	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
B36-0.5	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
B36-3.5	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
B36-7.5	43a,b	**140g**,m	84	NA	NA	NA	NA	NA	ND	NA
ESL	100	100	500						Variable	

Notes:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
TPH-D = Total Petroleum Hydrocarbons as Diesel.
TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.
MTBE = Methyl Tertiary Butyl Ether
VOCs = Volatile Organic Compounds
PAHs/ PNAs = Polynuclear Aromatic Hydrocarbons.
ND = Not Detected.
NA = Not Analyzed.
a = strongly aged gasoline or diesel range compounds are significant.
b = no recognizable pattern.
g = unmodified or weakly modified diesel is significant.
m = aged diesel? is significant.
ESL = February 2005 Quality Control Board Environmental Screening Level**,** residential land use, where groundwater is considered a current or potential source of drinking water. Values in **bold** exceed the ESL.
Results are in milligrams per kilogram (mg/kg).

TABLE 7 (Contd.)
SUMMARY OF
BOREHOLE SOIL SAMPLE RESULTS – B33 THROUGH B39
(Samples B33-B39 Collected on October 18 and 19, 2006)

Sample No.	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	VOCs	PAHs/ PNAs
B37-0.5	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
B37-3.5	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
B38-0.5	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
B38-3.5	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
B39-0.5	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
B39-3.5	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA

Notes:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
TPH-D = Total Petroleum Hydrocarbons as Diesel.
TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.
MTBE = Methyl Tertiary Butyl Ether
VOCs = Volatile Organic Compounds
PAHs/ PNAs = Polynuclear Aromatic Hydrocarbons.
ND = Not Detected.
NA = Not Analyzed.
Results are in milligrams per kilogram (mg/kg).

TABLE 7 (Contd.)
SUMMARY OF
BOREHOLE SOIL SAMPLE RESULTS – B33 THROUGH B39
(Samples B33-B39 Collected on October 18 and 19, 2006)

Sample ID	Sb	As	Ba	Be	Cd	Cr	Co	Cu	Pb	Hg	Mo	Ni	Se	Ag	Tl	V	Zn
B33-0.5	2.6	**9.8**	110	ND<0.5	0.49	28	7.6	100	53	1.7	1.2	28	ND<0.5	ND<0.5	ND<0.5	43	210
B33-3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B34-0.5	0.72	**7.4**	160	0.70	ND<0.25	49	5.0	22	7.8	0.058	1.9	42	ND<0.5	ND<0.5	ND<0.5	57	45
B34-3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B35-0.5	ND<0.5	5.1	160	0.55	ND<0.25	43	9.9	22	6.5	ND<0.05	0.90	42	ND<0.5	ND<0.5	ND<0.5	46	42
B35-3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B36-0.5	0.70	**5.5**	160	ND<0.5	0.29	33	8.6	23	34	0.12	1.4	39	ND<0.5	ND<0.5	ND<0.5	35	64
B36-3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B36-7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B37-0.5	0.68	**6.4**	100	ND<0.5	0.41	54	9.2	24	59	0.12	0.70	70	0.59	ND<0.5	ND<0.5	44	130
B37-3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B38-0.5	0.75	4.1	150	0.64	0.26	51	8.3	26	7.5	0.062	0.50	53	ND<0.5	ND<0.5	ND<0.5	50	60
B38-3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B39-0.5	0.68	**9.0**	160	0.61	ND<0.25	50	**10**	25	8.1	ND<0.05	1.9	47	ND<0.5	ND<0.5	ND<0.5	52	47
B39-3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ESL	6.1	5.5	750	4.0	1.7	58	10	230	150	3.7	40	150	10	20	1.0	110	600

Notes:

Sb = Antimony Cd = Cadmium Pb = Lead Se = Selenium Zn = Zinc
As = Arsenic Cr = Chromium Hg = Mercury Ag = Silver
Ba = Barium Co = Cobalt Mo = Molybdenum Tl = Thallium
Be = Beryllium Cu = Copper Ni = Nickel V = Vanadium

ESL = Regional Water Quality Control Board Environmental Screening Level**,** residential land use, where groundwater is considered a current or potential source of drinking water. Values in **bold** equal or exceed the ESL.
ND = Not Detected.
NA = Not Analyzed
Results are in milligrams per kilogram (mg/kg).

TABLE 8
SUMMARY OF
BOREHOLE SOIL SAMPLE RESULTS – B40 THROUGH B48
(Samples B40-B48 Collected on October 26, 27 and 30, 2006)

Sample No.	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	VOCs	PAHs/ PNAs
B40-1.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.010
B40-3.0	NA	NA	NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND	NA
B41-0.5	**630**,a,b	**1,400**,n,f	**1,300**	ND<0.50	ND<0.50	0.90	0.68	ND<0.50	NA	NA
B41-2.5	**750**,a,b	**910**,n,f	**850**	ND<0.50	ND<0.50	1.3	1.3	ND<0.50	NA	ND<0.025, except 1-Methylnapthalene=**1.4**, 2-Methylnapthalene=**2.3**, Naphthalene= **2.5**
ESL	100	100	500	1.0	40	30	20	5.0		1-Methylnapthalene=0.25, 2-Methylnapthalene=0.25, Naphthalene= 0.46

Notes:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
TPH-D = Total Petroleum Hydrocarbons as Diesel.
TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.
MTBE = Methyl Tertiary Butyl Ether
VOCs = Volatile Organic Compounds
PAHs/ PNAs = Polynuclear Aromatic Hydrocarbons.
ND = Not Detected.
NA = Not Analyzed.
a = strongly aged gasoline or diesel range compounds are significant.
b = no recognizable pattern.
n = kerosene/ kerosene range/ jet fuel.
f = oil range compounds are significant
ESL = February 2005 Regional Water Quality Control Board Environmental Screening Level**,** residential land use, where groundwater is considered a current or potential source of drinking water. Values in **bold** exceed the ESL.
Results are in milligrams per kilogram (mg/kg).

TABLE 8 (Contd.)
SUMMARY OF
BOREHOLE SOIL SAMPLE RESULTS – B40 THROUGH B48
(Samples B40-B48 Collected on October 26, 27 and 30, 2006)

Sample Name	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE	VOCs	PAHs/ PNAs
B41-3.0	**1,100**,a,b	**1,900**,n,f	**1,700**	ND<0.50	ND<0.50	1.8	1.6	ND<0.50	ND<0.10, except n-Butyl Benzene= 0.29, Isopropylbenzene= 0.47, 1,2,4-Trimethylbenzene= 0.20, sec-Butyl benzene= 0.39, Naphthalene= **2.2**, n-Propyl Benzene= 0.64, Xylenes= 0.10	NA
B42-0.5	**640**,a,b	**2,700**,n,f	**2,500**	ND<0.17	ND<0.17	0.88	2.6	ND<0.17	NA	NA
B42-3.0	**450**,a,b	**840**,n,f	**630**	ND<0.10	ND<0.10	0.52	1.4	ND<0.10	ND<0.020, except n-Butyl benzene= 0.18, Isopropylbenzene= 0.16, sec-Butyl benzene= 0.19, Naphthalene= 0.44, n-Propyl benzene= 0.18	NA
ESL	100	100	500	1.0	40	30	20	5.0	Naphthalene= 0.46	

Notes:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
TPH-D = Total Petroleum Hydrocarbons as Diesel.
TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.
MTBE = Methyl Tertiary Butyl Ether
VOCs = Volatile Organic Compounds
PAHs/ PNAs = Polynuclear Aromatic Hydrocarbons.
ND = Not Detected. NA = Not Analyzed.
a = strongly aged gasoline or diesel range compounds are significant.
b = no recognizable pattern
n = kerosene/ kerosene range/ jet fuel.
f = oil.range compounds are significant
ESL = February 2005 Regional Water Quality Control Board Environmental Screening Level**,** residential land use, where groundwater is considered a current or potential source of drinking water. Values in **bold** exceed the ESL.
Results are in milligrams per kilogram (mg/kg).

TABLE 8 (Contd.)
SUMMARY OF
BOREHOLE SOIL SAMPLE RESULTS – B40 THROUGH B48
(Samples B40-B48 Collected on October 26, 27 and 30, 2006)

Sample Name	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE	VOCs	PAHs/ PNAs
B44-3.0	NA	NA	NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	NA
B45-3.0	NA	NA	NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	NA
B46-1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.005, except Benzo(a)anthracene= 0.0052, Benzo(a)pyrene= 0.0070, Chrysene= 0.0066, Fluoranthene= 0.0087, Pyrene= 0.0097
B46-3.0	NA	NA	NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	NA
B47-3.0	NA	NA	NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	NA
B48-3.0	NA	NA	NA	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	NA
ESL	100	100	100	1.0	40	30	20	5.0	Variable	Variable

Notes:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
TPH-D = Total Petroleum Hydrocarbons as Diesel.
TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.
MTBE = Methyl Tertiary Butyl Ether
VOCs = Volatile Organic Compounds
PAHs/ PNAs = Polynuclear Aromatic Hydrocarbons.
ND = Not Detected.
NA = Not Analyzed.
ESL = February 2005 Regional Water Quality Control Board Environmental Screening Level**,** residential land use, where groundwater is considered a current or potential source of drinking water. Values in **bold** exceed the ESL.
Results are in milligrams per kilogram (mg/kg).

TABLE 8 (Contd.)
SUMMARY OF
BOREHOLE SOIL SAMPLE RESULTS – B40 THROUGH B48
(Samples B40-B48 Collected on October 26, 27 and 30, 2006)

Sample ID	Sb	As	Ba	Be	Cd	Cr	Co	Cu	Pb	Hg	Mo	Ni	Se	Ag	Tl	V	Zn
B40-0.5	2.1	**6.8**	300	0.54	0.72	52	**67**	93	**190**	0.64	0.65	58	ND<0.5	16	ND<0.5	43	180
B40-1.25	0.75	**6.3**	160	ND<0.5	0.33	38	**33**	26	**150**	0.18	2.0	53	ND<0.5	ND<0.5	ND<0.5	40	90
B41-0.5	0.64	4.9	190	ND<0.5	0.34	40	8.5	25	120	0.11	1.1	47	0.57	ND<0.5	ND<0.5	42	84
B42-0.5	ND<0.5	4.3	210	0.60	ND<0.25	50	9.0	25	7.3	ND<0.05	1.0	42	ND<0.5	ND<0.5	ND<0.5	52	55
B43-0.5	0.67	**5.5**	130	ND<0.5	ND<0.5	50	**20**	32	44	0.30	0.54	52	ND<0.5	ND<0.5	ND<0.5	53	100
B44-0.5	1.2	**7.2**	580	0.56	0.39	56	**15**	68	92	0.36	1.3	54	ND<0.5	ND<0.5	ND<0.5	65	150
B45-0.5	ND<0.5	**7.5**	150	ND<0.5	0.38	**58**	**13**	25	**280**	0.16	ND<0.5	68	ND<0.5	ND<0.5	ND<0.5	56	220
B46-1.5	0.52	**8.6**	220	0.52	ND<0.25	40	**12**	23	15	0.070	ND<0.5	56	ND<0.5	ND<0.5	ND<0.5	33	55
B47-0.5	5.4	**130**	360	ND<0.5	**1.9**	21	7.8	54	**160**	0.94	3.1	20	ND<0.5	1.2	**6.6**	33	**770**
B48-0.5	0.70	**6.2**	150	0.53	0.43	50	9.6	25	26	0.13	1.2	55	1.0	ND<0.5	ND<0.5	49	79
ESL	6.1	5.5	750	4.0	1.7	58	10	230	150	3.7	40	150	10	20	1.0	110	600

Notes:

Sb = Antimony Cd = Cadmium Pb = Lead Se = Selenium Zn = Zinc
As = Arsenic Cr = Chromium Hg = Mercury Ag = Silver
Ba = Barium Co = Cobalt Mo = Molybdenum Tl = Thallium
Be = Beryllium Cu = Copper Ni = Nickel V = Vanadium

ESL = Regional Water Quality Control Board Environmental Screening Level**,** residential land use, where groundwater is considered a current or potential source of drinking water. Values in **bold** equal or exceed the ESL.
ND = Not Detected.
NA = Not Analyzed
Results are in milligrams per kilogram (mg/kg).

TABLE 9
SUMMARY OF
BOREHOLE GROUNDWATER SAMPLE RESULTS – B18 THROUGH B32
(Samples B18-B32 Collected August 8, 9, 10, 11 And 14, 2006)

Sample No.	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
B18-25.0	ND<50	**180**,f,h	**710**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
B19-32.0	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
B20-25.0	ND<50	**3,000**,g,f	**2,300**	ND<0.5	0.65	ND<0.5	1.6	ND<5.0
B21-24.0	ND<50	**4,600**,f,h	**27,000**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
B22-21.0	ND<50	**280**,f,h	**1,300**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
B23-30.0	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
B24-25.0	**6,600**,i	**12,000**,d,f	**14,000**	**1,000**	14	**260**	**41**	ND<50
B24-55.0 Water	ND<50	ND<50	ND<250	**1.2**	ND<0.5	ND<0.5	ND<0.5	ND<5.0
B25-25.0	ND<50	**140**,f,h	**390**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
B26-25.0	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
B27-25.0	ND<50	**2,700**,f,h	**12,000**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
B29-21.0	ND<50	**2,700**,f,h	**6,700**	ND<0.5	1.1	ND<0.5	0.94	ND<5.0
ESL	100	100	100	1.0	40	30	20	5.0

Notes:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
TPH-D = Total Petroleum Hydrocarbons as Diesel.
TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.
MTBE = Methyl Tertiary Butyl Ether
ESL = February 2005 Regional Water Quality Control Board Environmental Screening Level, residential land use, where groundwater is considered a current or potential source of drinking water.Values in **bold** exceed the ESL.
ND = Not Detected.
d = gasoline range compounds are significant.
f = oil range compounds are significant.
g = unmodified or weakly modified diesel is significant.
h = diesel range compounds are significant; no recognizable pattern.
i = unmodified or weakly modified gasoline is significant.
k = one to a few isolated peaks present.
Results are in micrograms per Liter (μg/L).

TABLE 10
SUMMARY OF
WELL SAMPLE RESULTS – E1, E2, E3, E6, E7, I1, MW1, MW2
(Samples E1, E2, E3, E6, E7, I1, MW1, MW2 Collected on October 31 and November 1, 2006)

Sample No.	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
E1-W	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
E2-W	**1900,a**	**1100,d,f,h**	**1500**	0.52	6.9	17	**150**	ND<5.0
E3-W	**2600,a**	**640,d,f**	**260**	ND<1.7	ND<1.7	**44**	**350**	ND<17
E6-W	**310,i**	**260,f,d**	**470**	**4.9**	ND<0.5	ND<0.5	6.4	ND<5.0
E7-W	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
I1-W	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
I2	No	Sample						
MW1-W	**8500,a**	**5800,d,f**	**2600**	ND<5.0	30	**69**	**1000**	ND<50
MW2-W	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
ESL	100	100	100	1.0	40	30	20	5.0

Notes:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
TPH-D = Total Petroleum Hydrocarbons as Diesel.
TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.
MTBE = Methyl Tertiary Butyl Ether
ESL = February 2005 Regional Water Quality Control Board Environmental Screening Level, residential land use, where groundwater is considered a current or potential source of drinking water.Values in **bold** exceed the ESL.
ND = Not Detected.
a = strongly aged gasoline or diesel range pounds are significant.
d = gasoline range compounds are significant.
f = oil range compounds are significant.
i = unmodified or weakly modified gasoline is significant.
Results are in micrograms per Liter (ug/L).

TABLE 11
SUMMARY OF
BOREHOLE GROUNDWATER SAMPLE RESULTS – B33 THROUGH B39
(Samples B33-B39 Collected October 18 and 19, 2006)

Sample No.	TPH-G	TPH-D	TPH-MO	VOCs
B33-25W	ND<50	ND<50	ND<250	ND
B34-25W	ND<50	ND<50	ND<250	ND
B35-25W	ND<50	ND<50	ND<250	ND
B36-25W	ND<50	**120**,f,h	**480**	ND
B37-25W	ND<50	**110**,f,h	**880**	ND
B38-25W	ND<50	ND<50	ND<250	ND
B39-25W	ND<50	89,f,d	**350**	ND
ESL	100	100	100	Variable

Notes:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
TPH-D = Total Petroleum Hydrocarbons as Diesel.
TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.
ND = Not Detected.
d = gasoline range compounds are significant.
f = oil range compounds are significant.
h = diesel range compounds are significant; no recognizable pattern.
ESL = February 2005 Quality Control Board Environmental Screening Level, residential land use, where groundwater is considered a current or potential source of drinking water. Values in **bold** exceed the ESL.
Results are in micrograms per Liter (μg/L).

FIGURES

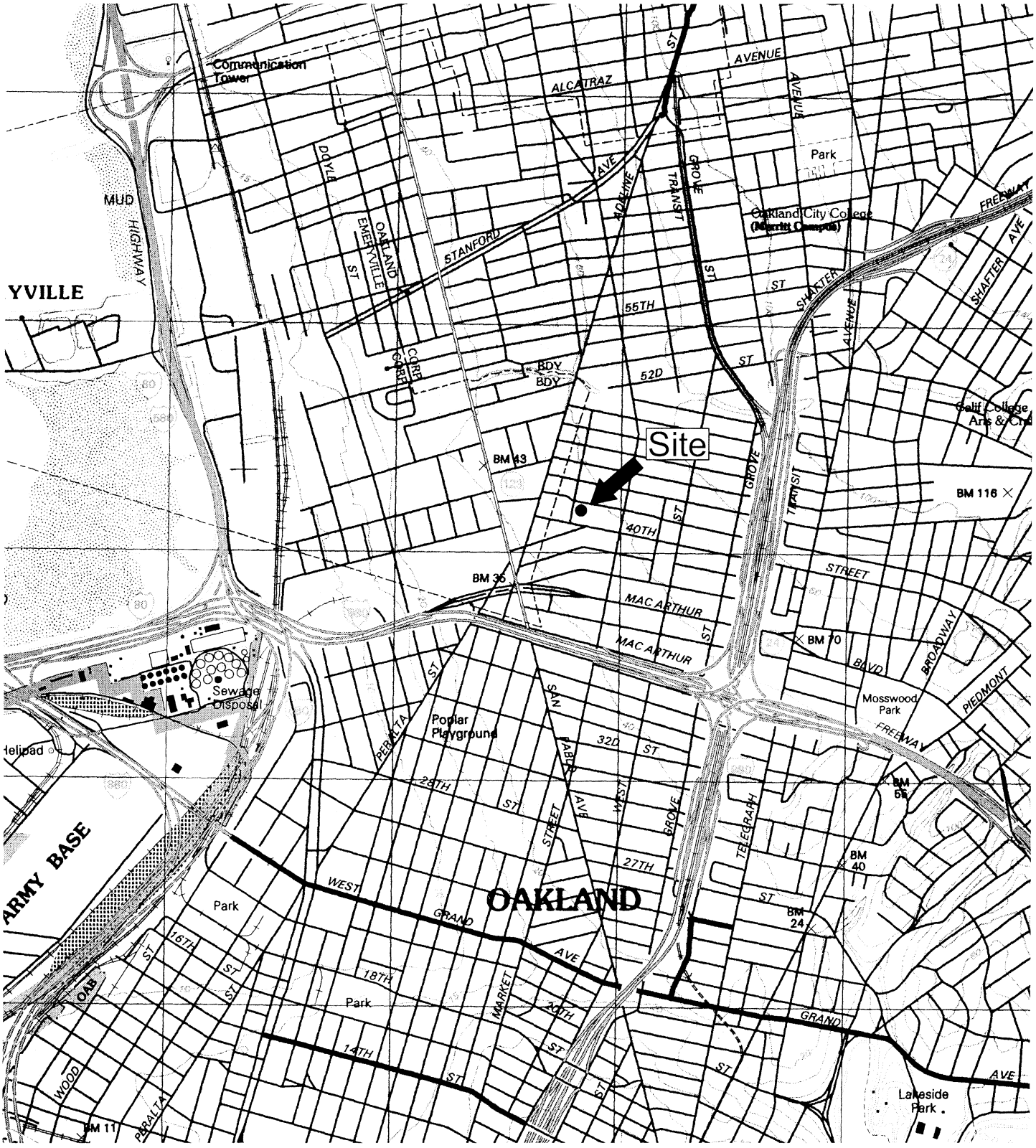


Figure 1
Site Location Map
California Linen Rental Company
989 41st Street
Oakland, California

Base Map From:
US Geological Survey
Oakland West, California
7.5 Minute Quadrangle
Photorevised 1996

RGA Environmental, Inc.
1466 66th Street
Emeryville, Ca 94608

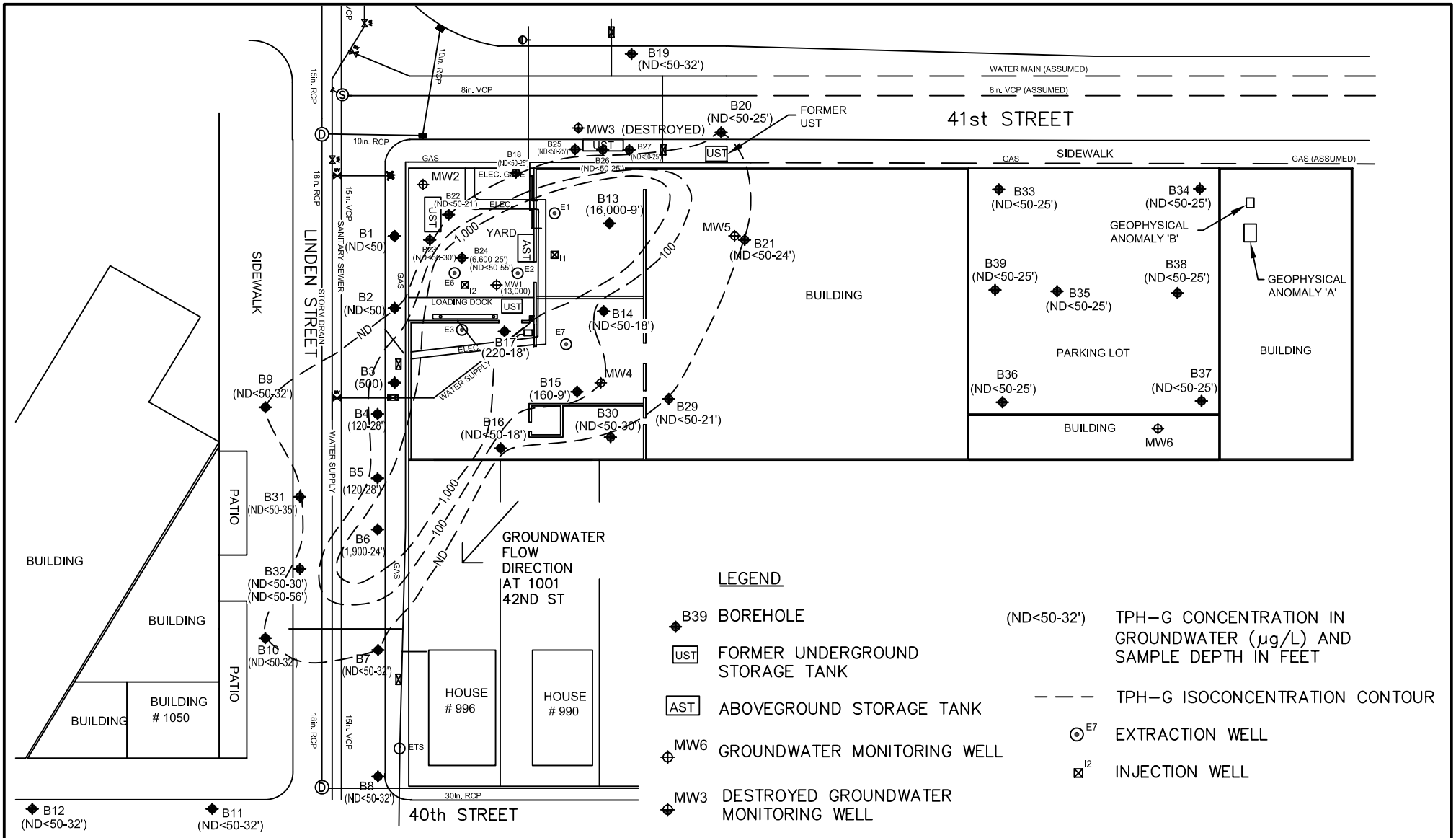


Figure 2
Site Vicinity Map Showing TPH-G in Groundwater
California Linen Rental Company
989 41st Street
Oakland, California

N

Base Map From:
California Utility Survey
Utility Sketch Plan
Feb. 14, 2005

RGA Environmental, Inc.
1466 66th Street
Emeryville, CA 94608

0 60 120
Approximate Scale in Feet

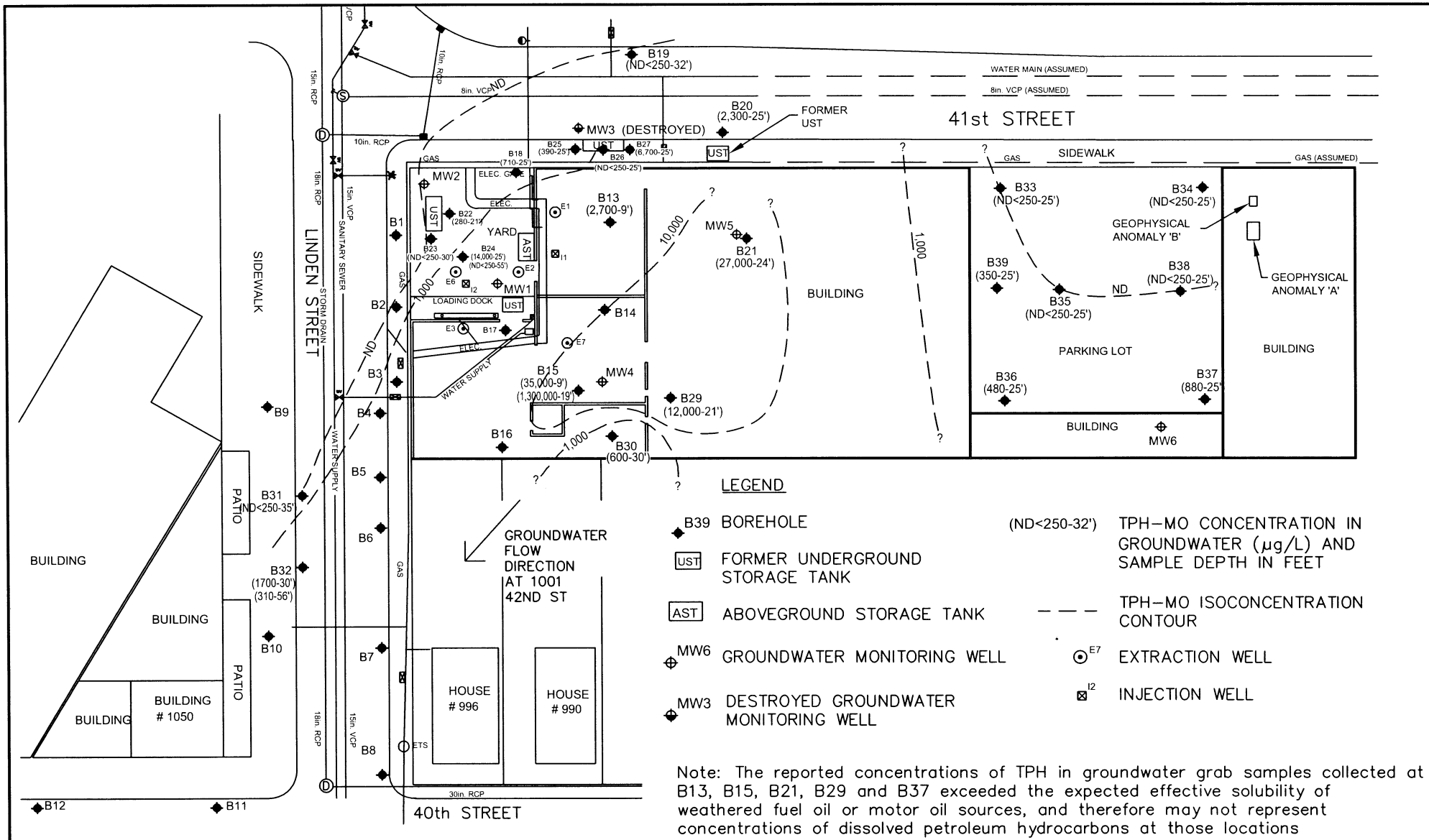


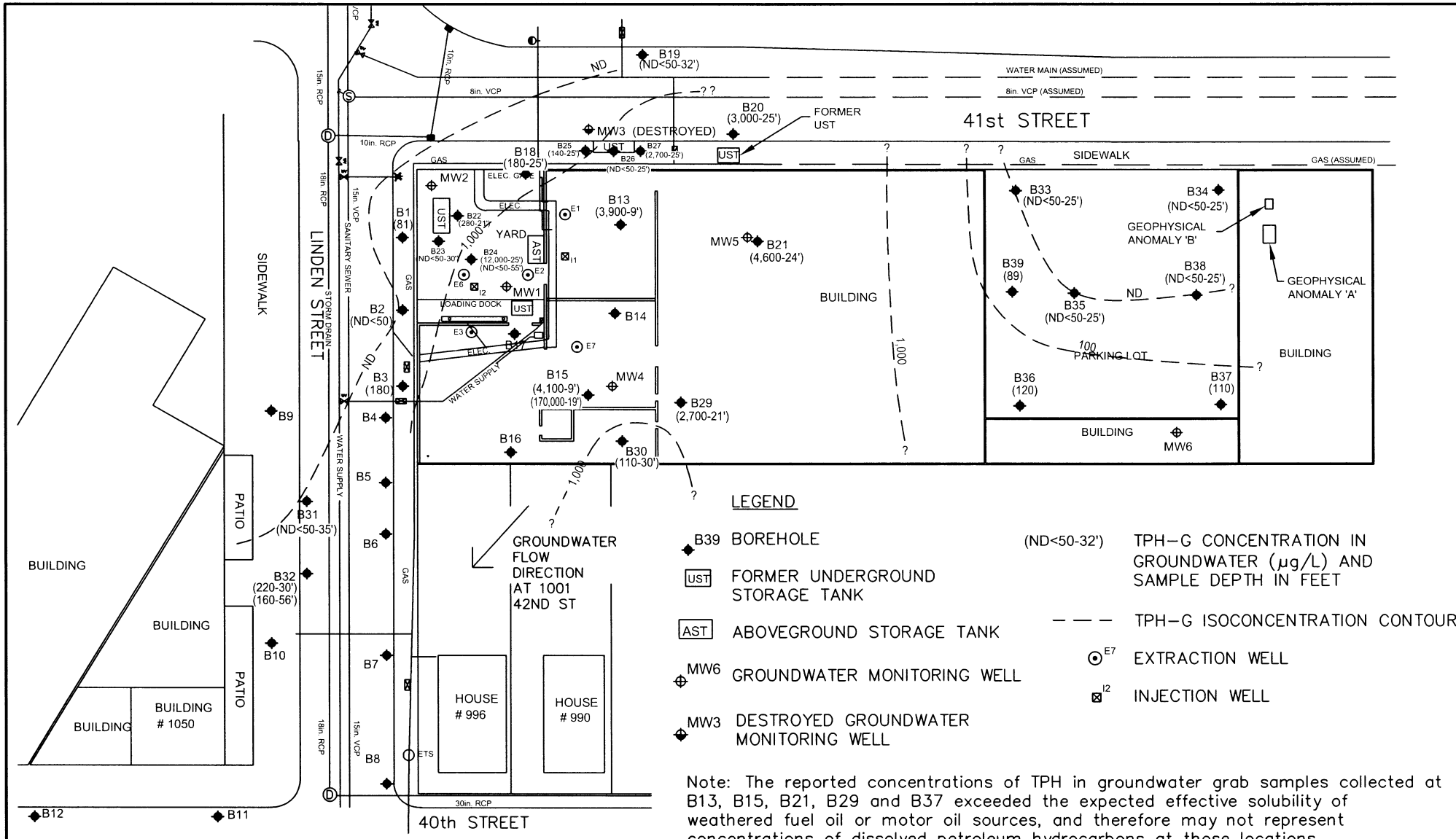
Figure 4
Site Vicinity Map Showing TPH-MO in Groundwater
California Linen Rental Company
989 41st Street
Oakland, California

N

Base Map From:
California Utility Survey
Utility Sketch Plan
Feb. 14, 2005

RGA Environmental, Inc.
1466 66th Street
Emeryville, CA 94608

0 60 120
Approximate Scale in Feet



LEGEND

- B39 BOREHOLE
- UST FORMER UNDERGROUND STORAGE TANK
- AST ABOVEGROUND STORAGE TANK
- MW6 GROUNDWATER MONITORING WELL
- MW3 DESTROYED GROUNDWATER MONITORING WELL
- (ND<50-32') TPH–G CONCENTRATION IN GROUNDWATER (µg/L) AND SAMPLE DEPTH IN FEET
- – – – TPH–G ISOCONCENTRATION CONTOUR
- E7 EXTRACTION WELL
- I2 INJECTION WELL

Note: The reported concentrations of TPH in groundwater grab samples collected at B13, B15, B21, B29 and B37 exceeded the expected effective solubility of weathered fuel oil or motor oil sources, and therefore may not represent concentrations of dissolved petroleum hydrocarbons at those locations

Figure 3
Site Vicinity Map Showing TPH-D in Groundwater
California Linen Rental Company
989 41st Street
Oakland, California

N

Base Map From:
California Utility Survey
Utility Sketch Plan
Feb. 14, 2005

RGA Environmental, Inc.
1466 66th Street
Emeryville, CA 94608

0 60 120
Approximate Scale in Feet

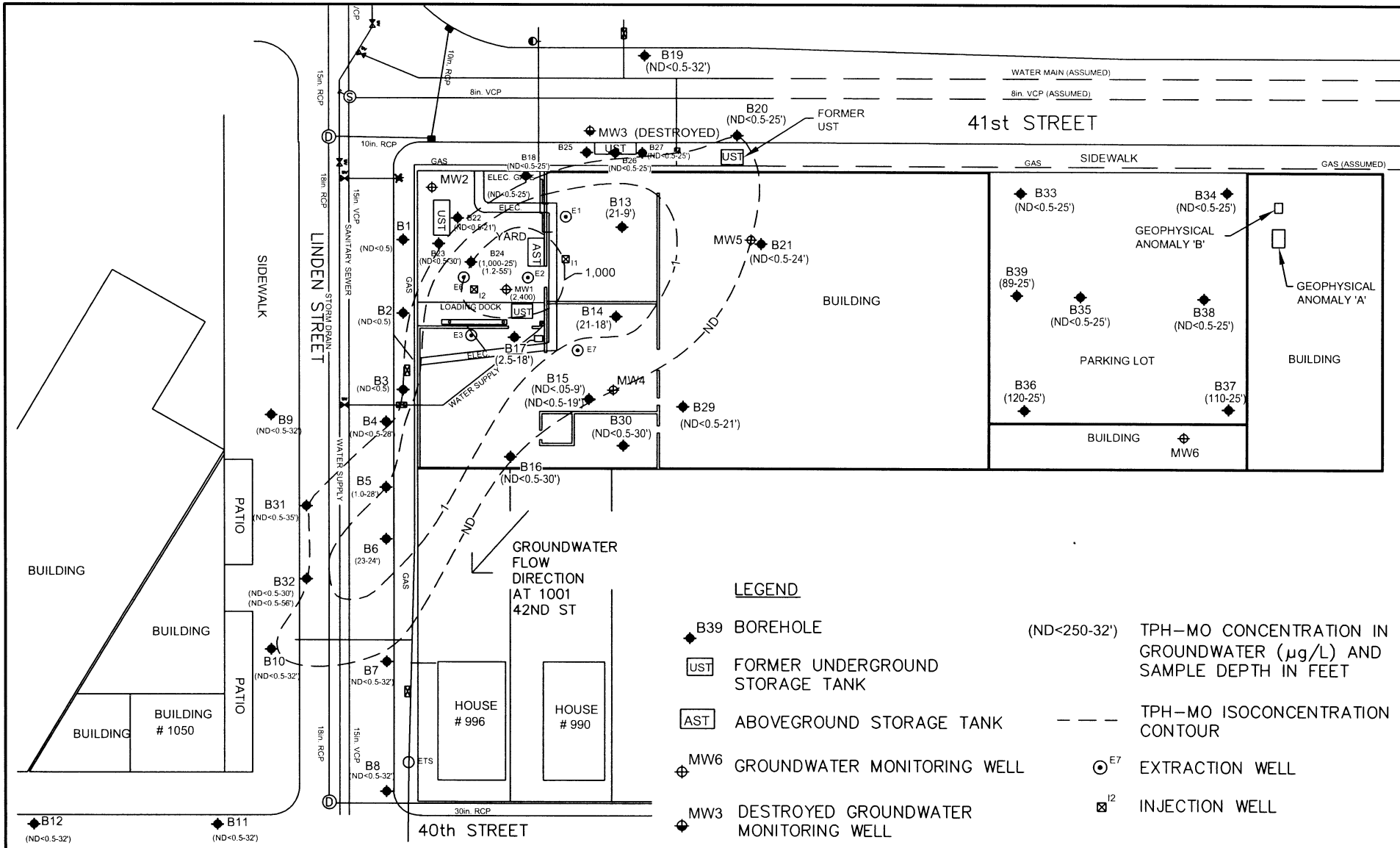


Figure 5
Site Vicinity Map Showing Benzene in Groundwater
California Linen Rental Company
989 41st Street
Oakland, California

Base Map From:
California Utility Survey
Utility Sketch Plan
Feb. 14, 2005

RGA Environmental, Inc.
1466 66th Street
Emeryville, CA 94608

0 60 120
Approximate Scale in Feet

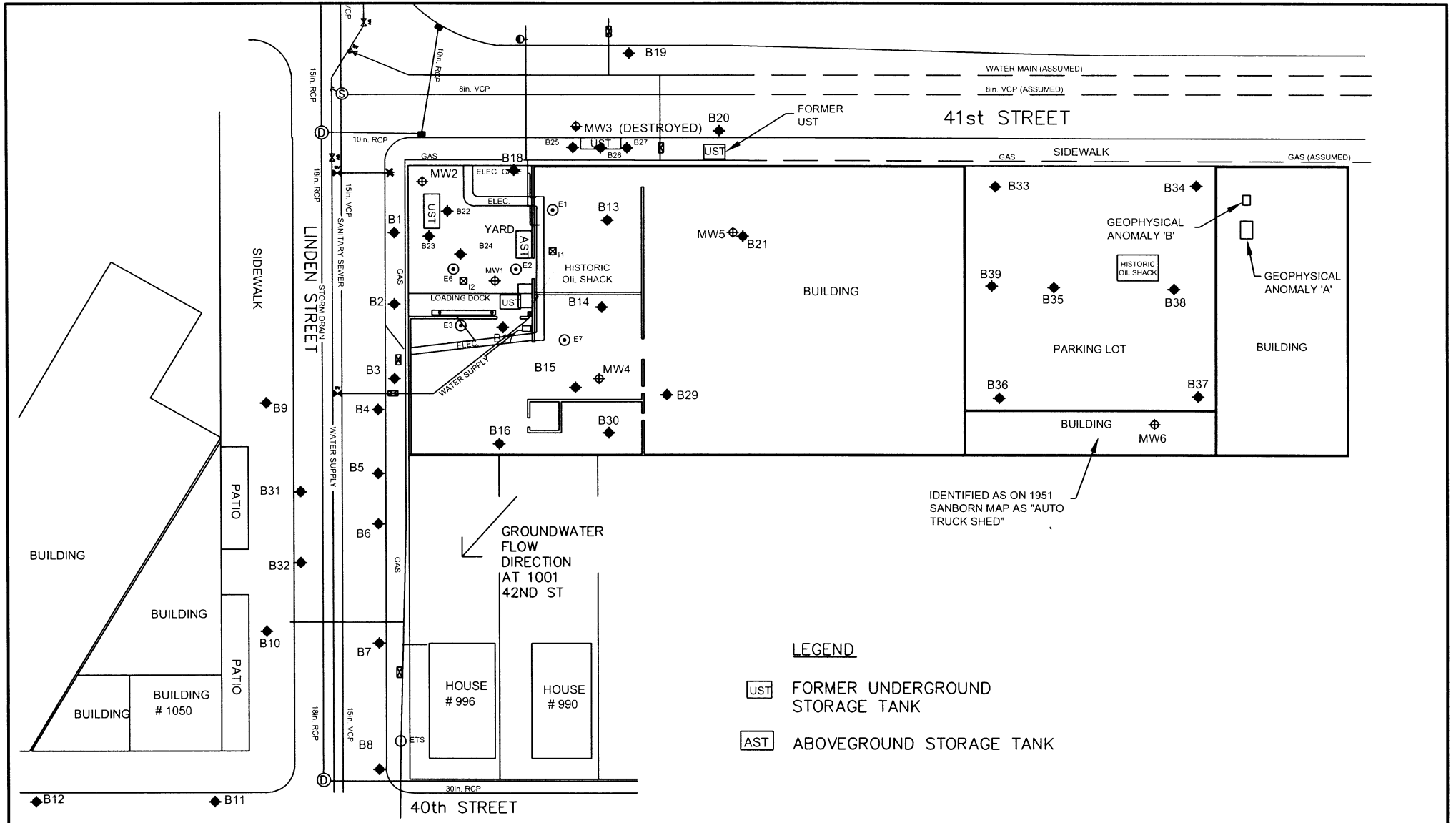


Figure 6
Site Vicinity Map Showing Phase I Report Sanborn Map Features
California Linen Rental Company
989 41st Street
Oakland, California

Base Map From:
California Utility Survey
Utility Sketch Plan
Feb. 14, 2005

RGA Environmental, Inc.
1466 66th Street
Emeryville, CA 94608

0 60 120
Approximate Scale in Feet

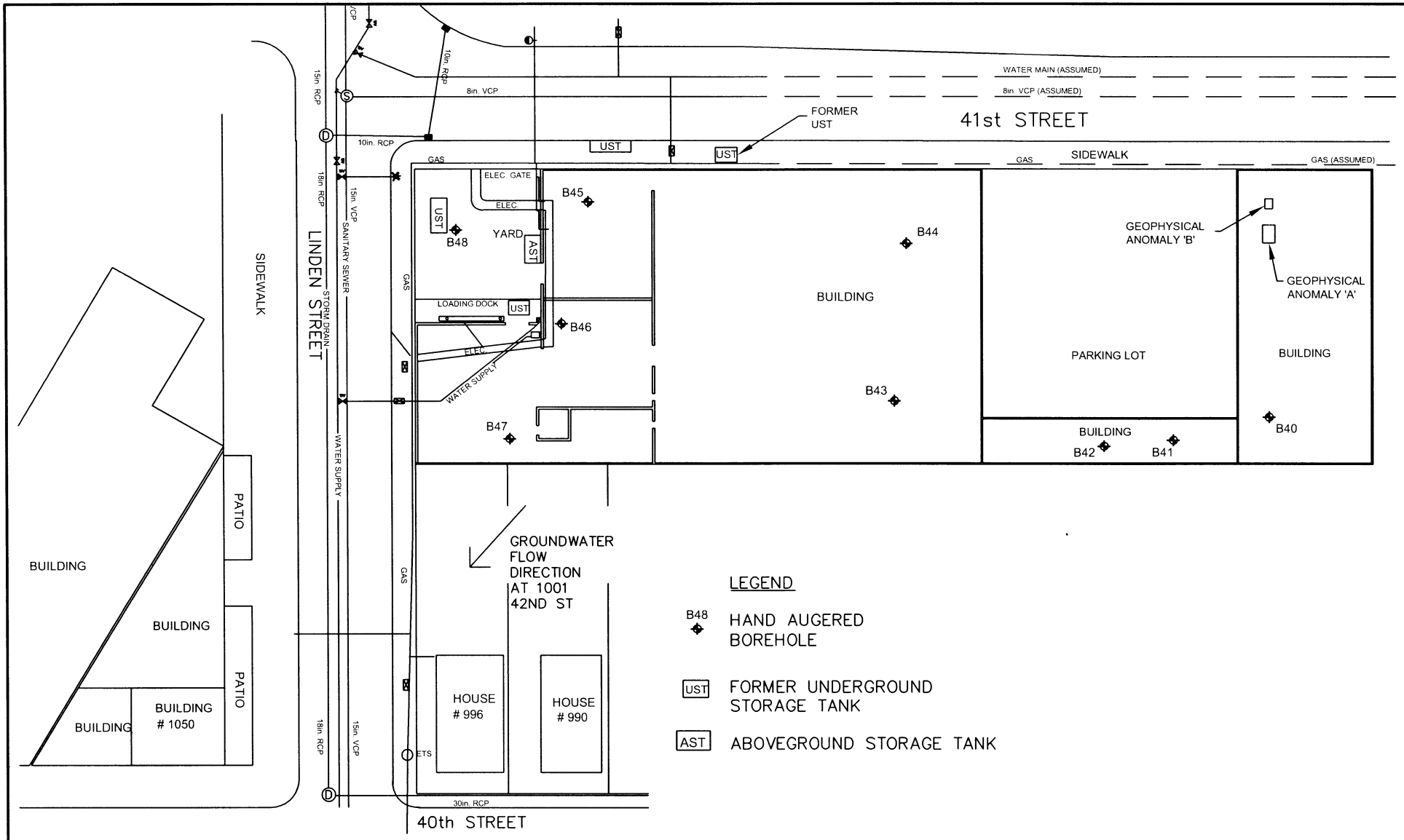


Figure 7
Site Vicinity Map Showing Hand Augered Boreholes
California Linen Rental Company
989 41st Street
Oakland, California

Base Map From:
California Utility Survey
Utility Sketch Plan
Feb. 14, 2005

RGA Environmental, Inc.
1466 66th Street
Emeryville, CA 94608

0 60 120
Approximate Scale in Feet

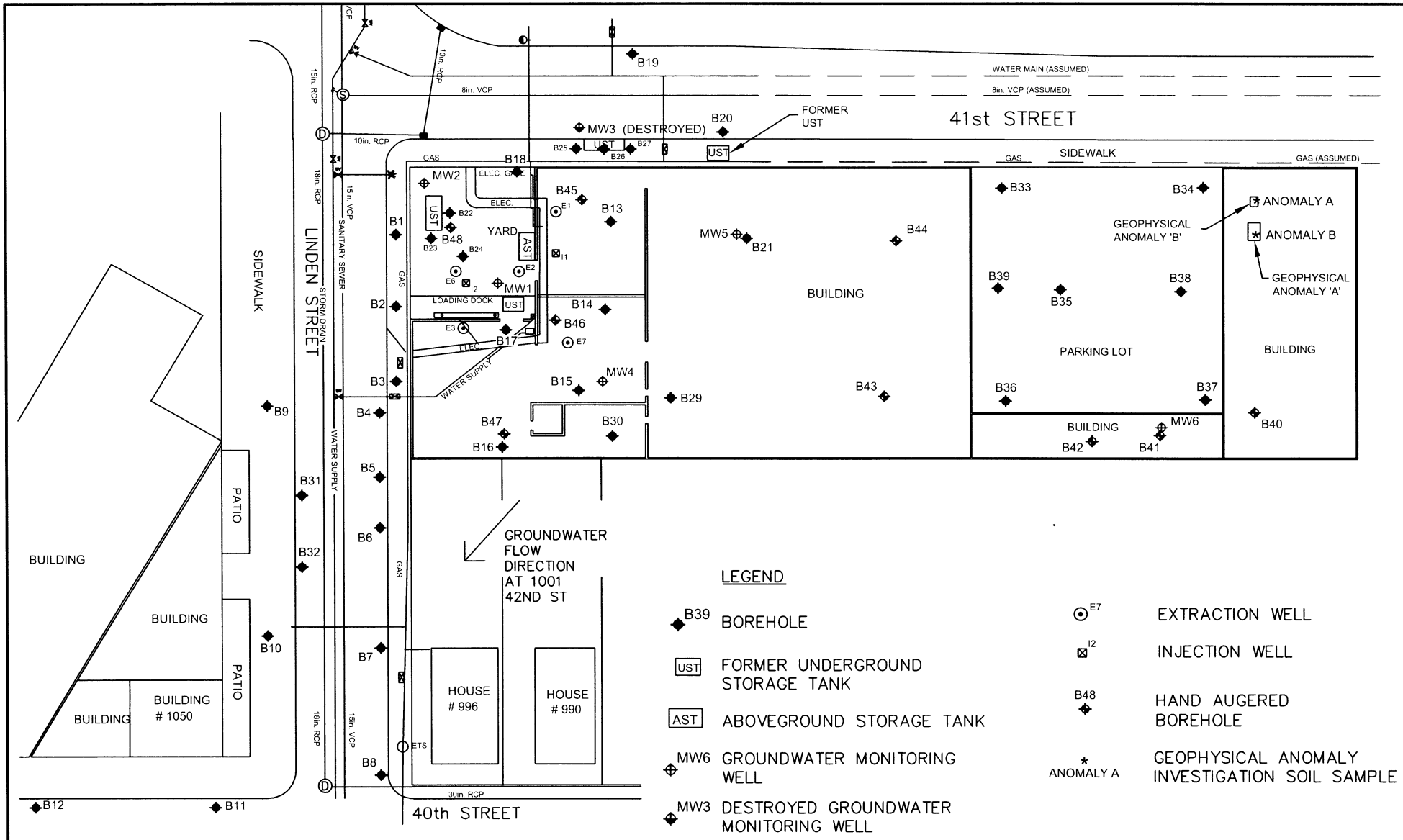
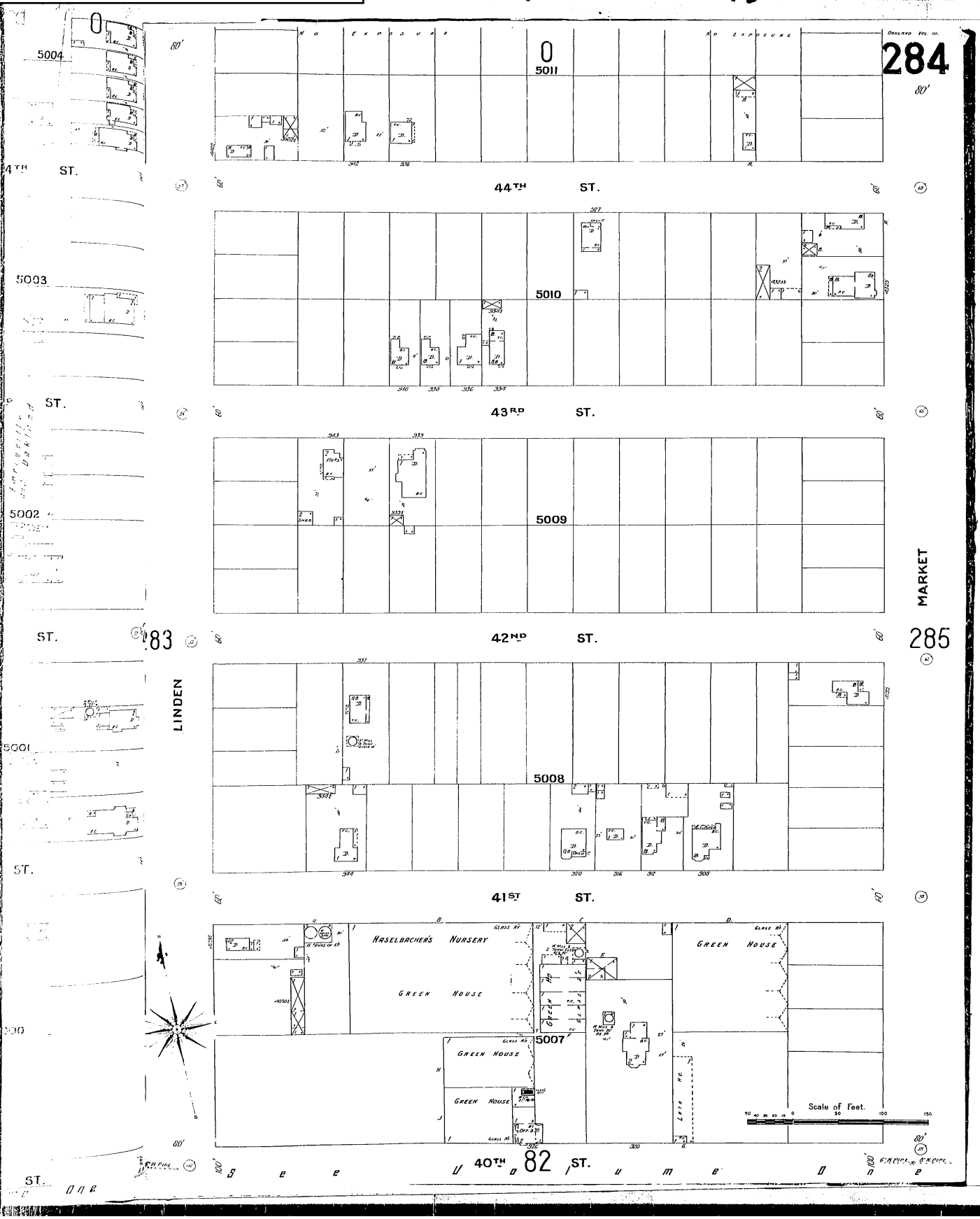


Figure 8
GEOMAP
California Linen Rental Company
989 41st Street
Oakland, California

Base Map From:
California Utility Survey
Utility Sketch Plan
Feb. 14, 2005

RGA Environmental, Inc.
1466 66th Street
Emeryville, CA 94608

SANBORN MAPS



331

44TH ST.

43RD ST.

42ND ST.

41ST ST.

40TH ST

5010

5009

5008

5007

330

344

351

352

LINDEN

MARKET

KEY ROUTE STATION

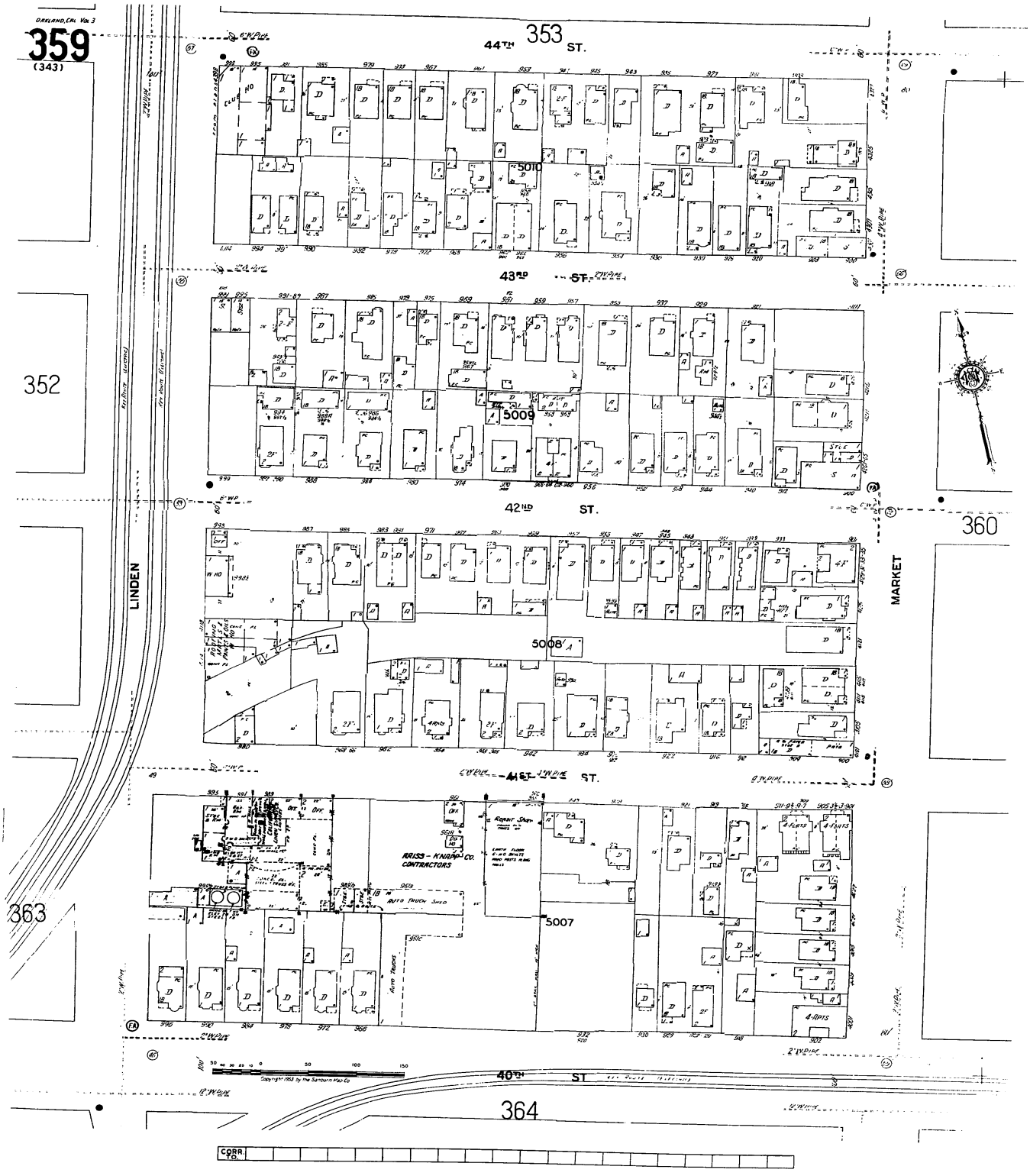
F. Haselbacher's Green Hse with Glass Roofs

NURSERY

GREEN HOUSES GLASS ROOFS

Scale of Feet.

KEY ROUTE (ELECTRIC)



ADVANCED GEOLOGICAL SERVICES
GEOPHYSICAL SURVEY

ADVANCED GEOLOGICAL SERVICES
800 Sir Francis Drake Blvd., #E
San Anselmo, CA 94960
(415) 453-2800 (ph/fax)

October 17, 2006
Ref. No.: 06-155/156-1CA

Mr. Dave Gibbs
RGA Environmental, Inc.
1466 66th St.
Emeryville, CA 94608

Subject: Geophysical Survey - UST search
California Linen
989 41st Street
Oakland, California

Gentlemen:

This letter presents the findings of a geophysical investigation performed by Advanced Geological Services, Inc. (AGS) at the subject location. The survey was conducted for RGA Environmental, Inc. (RGS) on September 26 and October 9, 2006 by AGS senior geophysicist Dan Jones. Mr. Dave Gibbs of RGA provided owner liaison duties and some background information about the site.

1.0 PURPOSE

The subject site is the location of California Linen company on the southern side of 41st Street in Oakland, California. It was reported that one or more underground storage tanks (UST) may have been previously present on the property. It is unknown if any USTs were ever removed from the premises. The purpose of the geophysical survey, therefore, was to acquire subsurface information to aid in determining if any USTs may still be present within two areas of concern designated by RGA.

2.0 SURVEY AREA DESCRIPTION

The two areas of concern were designated as 1) the central parking lot for California Linen, and 2) the warehouse building on the east side of the parking lot. A map of these areas is included as the Geophysical Survey Map, Figure 1. The parking lot measured approximately 105 by 110 feet and the inside of the warehouse measured 57 by 125 feet. The ground surface within the parking lot was composed of heavily reinforced concrete. There were no remaining surface indications of USTs in the parking lot area, such as vent lines, fill ports, or metal plates. Various cars and delivery trucks were present in the parking lot at the time of the survey and had to be shuffled from one area to

another to complete the survey. Other than the cars, the parking lot was primarily free of above ground debris with the exception of the extreme northeast corner. There were several traffic loops saw-cut into the reinforced concrete and two gate control boxes, for activation of the automatic fence gates.

Within the warehouse, the ground surface was composed of reinforced concrete to the south and asphalt to the north. The portion labeled on Figure 1 as asphalt actually may have been non-reinforced concrete, as it was too dark/stained to distinguish the difference. Within the non-reinforced area, there was a metal access plate on the ground surface centered near 18E/91N, covering a dirt-filled hole in the asphalt. The history of this access plate was unknown. The area within the warehouse that was accessible for geophysical coverage was limited, due to large metal storage racks and both metallic and non-metallic stored objects/debris primarily along the perimeter walls of the building, with additional items toward the southern end.

3.0 METHODOLOGY

We investigated for the presence of USTs using Ground Penetrating Radar (GPR) as the primary method. The Radio Frequency Locating (RFL) and Hand-Held Metal Detection (MD) methods were also attempted, with limited success, due to the metal reinforcing in the concrete. Detailed descriptions of these geophysical methods including the associated instrumentation and limitations can be found in Appendix A.

4.0 DATA ACQUISITION, SURVEY COVERAGE, AND ANALYSIS

Prior to data acquisition, we established a horizontal control survey grid over the site using a fiberglass measuring tape. The survey grid was based on a rectangular coordinate system. Grid points were marked on the ground surface with spray paint in a 5-by-5 feet or 5-by-10 feet pattern, depending on access. This grid was utilized to orient our GPR traverses. The survey grid, with Easting/Westing and Northing/Southing coordinate axes, is shown on Figure 1, where the southeast corner of the parking lot was established as 0E/0N as indicated.

Within the limits of the investigation area, we attempted the use of the RFL and MD instrumentation to systematically scan all open portions for the presence of buried metallic objects or potentially associated underground utilities. Detected metal objects or utilities are indicated by an audible instrument response and the surface traces or outlines of these features were subsequently marked out on the ground surface with paint. Following the data acquisition stage, the field markings were recorded on a scaled field map. The results of the RFL and MD scanning were limited by the presence of the reinforced concrete, which will be further addressed in the *Data Quality* section (6.0) of this report.

We used the GPR method as the primary geophysical survey tool to assure complete coverage of the accessible survey areas. The resultant GPR traverse locations are shown with thin, solid magenta lines on Figure 1. We used a five feet traverse spacing throughout the parking lot and the warehouse. We also performed additional GPR traverses across suspect anomalies determined from the initial five-foot grid of traverses. We examined the resulting GPR records for reflection patterns typical of USTs, utilities, or other subsurface features.

5.0 SURVEY RESULTS

The results of the investigation are included on the Geophysical Survey Map, Figure 1. Overall, we identified two subsurface features/anomalies with some characteristics consistent with a UST. These anomalies are labeled **A** and **B** on Figure 1. They both are located within the warehouse and will be discussed in detail below. Throughout the UST search areas, we identified three general types of feature: 1) subsurface utilities, 2) Type I GPR Anomalies representing localized, small objects/debris or utility segments intersecting the traverses (blue double-headed arrows), and 3) Type II GPR Anomalies (green, diagonally shaded rectangles) representing possibly larger objects (than Type I). A discussion of these findings follows below.

We detected five possible utility segments of an unknown type or nature. These utility segments are shown with dashed black lines labeled "UU" and include three within the parking lot and two within the warehouse. These utilities were either detected with the RFL method or by identifying the alignment of utility-type GPR reflections on multiple adjacent traverses. In the case of the RFL-detected utilities, there is a possibility that they may actually represent the response from well-grounded reinforcing bars in the concrete, as it was difficult to distinguish the difference.

Forty-one (41) Type I GPR anomalies are shown on Figure 1, where they were observed on the intersecting GPR traverses. We interpret these anomalies to represent small, localized objects or debris beneath the concrete slab. The limited lateral dimensions of the GPR response from these objects suggests these features are most likely insignificant with respect to possible USTs. We have documented their locations on Figure 1 to provide an indication of subsurface material variability and to recommend avoiding them during proposed drilling operations.

Eleven (11) Type II GPR anomalies are shown on Figure 1, including 9 in the parking lot and 2 in the warehouse. These anomalies have maximum dimensions ranging from 3 to 8 feet. Based on the lateral dimensions and GPR reflection characteristics, we interpret the anomalies labeled **A** and **B** to represent the most suspect anomalies with respect to being possible USTs. Anomaly A was the largest feature detected, measuring 6-by-8 feet, and the MD method was used to confirm the anomaly was metallic in nature. The GPR reflections from this anomaly were very shallow, possibly immediately beneath the asphalt/concrete surface. There is a possibility, therefore, that there is reinforced concrete at this location. Anomaly B exhibited a curved reflection character, common

with USTs, but it is located beneath an immobile metal storage rack. Therefore, the existence of metal at this location could not be verified. An alternative interpretation is that the curved reflection could be an effect of overhead interference from the storage rack. The remaining unlabeled Type II GPR anomalies in the parking lot represent unknown objects, but are relatively smaller than A and B. Due to their size, they are interpreted to be less significant. Additional information regarding the historic location of former USTs could be used to identify which Type II anomalies in the parking lot may be more suspect.

As the GPR data was inconclusive in determining the exact type of objects that Anomalies A and B may represent (such as whether or not they are specifically USTs) intrusive methods, such as pot-holing or boring, could be implemented to define the nature of these objects.

6.0 DATA QUALITY AND CAVEATS

Overall, the GPR data quality at the site ranged from poor to fair. The steel reinforcing in the concrete slabs at the site caused significant spurious reflections that limited our ability to interpret the GPR data with respect to identifying possible USTs. The highest quality GPR data was acquired in the northern portion of the warehouse where there was an absence of reinforced concrete. Additionally, the lowest quality GPR data was observed within the warehouse south of grid line 40 North where there appears to be a transition to an increased amount of reinforcing or smaller re-bar spacing.

The use of the MD method was precluded within the entire parking lot area due to the re-bar in the concrete slab. The only location where it was available for use was within the northern portion of the warehouse. In this area, the storage racks and above-ground metal debris limited its use to areas at least five feet away from these objects.

The steel re-bar in the concrete slab also limited the effectiveness of the RFL utility locating technique. The re-bar appeared to be electrically grounded and therefore re-radiated 60-Hz signal, typically used to identify utilities. Therefore, not all utilities may have been detectable and marked out on site.

7.0 LIMITATIONS

In general, there are limitations unique to each geophysical method employed for this investigation. For example, objects may be buried deeper than the detection capabilities of the geophysical method. There may be a lack of contrast in physical properties between native soils and buried objects. Above or below ground cultural features, such as utilities, fences, reinforced concrete and debris may cause interference that limits or masks the detection of a nearby subsurface object.

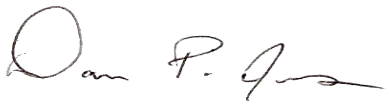
Additional discussion of the limitations with regard to each of the geophysical methods employed for this investigation is included in Appendix A.

8.0 CLOSING

All geophysical data and field notes collected as a part of this investigation will be archived at the AGS office. The data collection and interpretation methods used in this investigation are consistent with standard practices applied to similar geophysical investigations. The correlation of geophysical responses with probable subsurface features is based on the past results of similar surveys although it is possible that some variation could exist at this site. Due to the nature of geophysical data, no guarantees can be made or implied regarding the targets identified or the presence or absence of additional objects or targets.

It was a pleasure working with you on this project and we look forward to being able to provide you with geophysical services in the future.

Respectfully,



Dan P. Jones
Senior Geophysicist

Enclosure: Figure 1 - Geophysical Survey Map
Appendix A - GEOPHYSICAL METHODS

Appendix A

GEOPHYSICAL METHODS

Hand-Held Metal Detection (MD)

Methodology

This method uses the principle of electromagnetic induction to detect shallowly buried metal objects such as USTs, metal utility conduits, rebar in concrete, manhole covers, and various metallic debris. This is done by carrying a hand-held radio transmitter-receiver unit above the ground and continuously scanning the surface. A primary coil broadcasts a radio signal from a transmitter. This primary radio signal induces secondary electrical currents in metal objects. These secondary currents in turn produce a magnetic field which is detected by the receiver.

Instrumentation

The MD instrument that we typically use for shallow subsurface investigations is a Fisher TW-6 pipe and cable locator. This instrument is expressly designed to detect metallic pipes, cables, USTs, manhole covers, and other large, shallowly buried metallic objects. The instrument operates by generating both a meter reading (unitless) and an audible response when near a metal object. The peak instrument response usually occurs when the unit is directly over the object.

Data Analysis

The TW-6 does not provide a recordable data output that can be used for later computer processing. Results are generally limited to marking the interpreted outlines of detected objects in the field and mapping their locations.

Limitations

In general, the response of the MD instrument is roughly proportional to the horizontal surface area of near surface buried objects (typically in the upper three or four feet). This relationship can be used to advantage in discriminating between metal debris, reinforced concrete pads, and pipelines. However, in the presence of above ground metal objects such as fences, walls, parked cars, and metal debris, this is no longer valid. In some instances, the presence of such objects can make it very difficult to determine whether the instrument responses are associated with below ground targets or above ground cultural features. When multiple sources are present it may not be possible to identify individual targets. Also, relatively large objects that have a limited horizontal cross-section such as well casing and fence posts are sometimes difficult to detect.

Radio Frequency Locating (RFL)

Methodology

The RFL method is used to detect the radio frequency electromagnetic field resulting from an electric current flowing on a line. These fields can arise from currents already on the line (passive, or ambient) or currents applied to a line with a transmitter (active). The most common passive signals are generated by live electric lines and re-radiated radio signals. Active signals can be introduced by connecting the transmitter to the line at accessible locations or by induction.

Instrumentation

The RFL instruments that we typically use to locate and confirm positions of underground utilities: include a RadioDetection RD-400 and a Fisher TW-6 "M-Scope." These instruments operate by generating both a meter reading (unitless) and an audible response when carried over a utility or metal pipe. The peak instrument response usually occurs when the unit is directly over the object.

Data Analysis

Neither RFL instrument provides recordable data output that can be used for later computer processing. Results are generally limited to marking the interpreted position of detected utilities at several points along the facility and mapping the subsequent alignment.

Limitations

The detection of underground utilities is determined by the composition and construction of the line in question. Utilities detectable with standard line location techniques include any continuously connected metal pipes, cables/wires or utilities with tracer wires. Unless carrying passive currents, these utilities must be exposed at the surface or in accessible utility vaults. These generally include water, electric, natural gas, telephone, and other conduits related to facility operations. Utilities that are not detectable using standard electromagnetic line location techniques include those made of non-electrically conductive materials such as PVC, fiberglass, vitrified clay, and pipes with insulated connections.

Ground Penetrating Radar (GPR)

Methodology

Ground penetrating radar is a method that provides a continuous, high resolution graphical cross-section of the shallow subsurface. The method entails repeatedly radiating an electromagnetic pulse into the ground from an antenna as it is moved along a traverse. Reflected signals are received by an antenna (often the same one used to generate the signal) and sent to a control unit for processing. The control unit then converts the varying amplitude of reflected radar signals as a function of time into a cross-sectional image showing signal amplitude as a function of depth.

GPR is particularly sensitive to variations of two electrical properties. One property is conductivity (the ability of a material to conduct a charge when a field is applied) and the other is permittivity (the ability of a material to hold a charge when a field is applied). These two properties determine how far a signal can propagate. They also determine the strength of reflected signals that can be generated at material boundaries. Most soil and earthen-like materials such as concrete are electrically resistive and have a relatively low permittivity. As a result, they are relatively transparent to electromagnetic energy. This means that only a portion of the radar signal incident upon them is reflected back to the surface. On the other hand, when the signal encounters an object composed of a material that has the opposite electrical properties, especially one with a high permittivity (such as metal) much of the incident energy is reflected.

Instrumentation

We typically perform GPR surveys using a Geophysical Survey Systems, Inc. SIR-2 Subsurface Interface Radar System equipped with a 400 megahertz (MHz) transducer. This unit is comprised of a combined control/data recording console that is connected by a telemetry cable to the antenna. This system is often chosen for investigating environmental sites since it usually provides both the resolution and depth penetration needed for characterizing the upper three to four feet of the subsurface.

Data Analysis

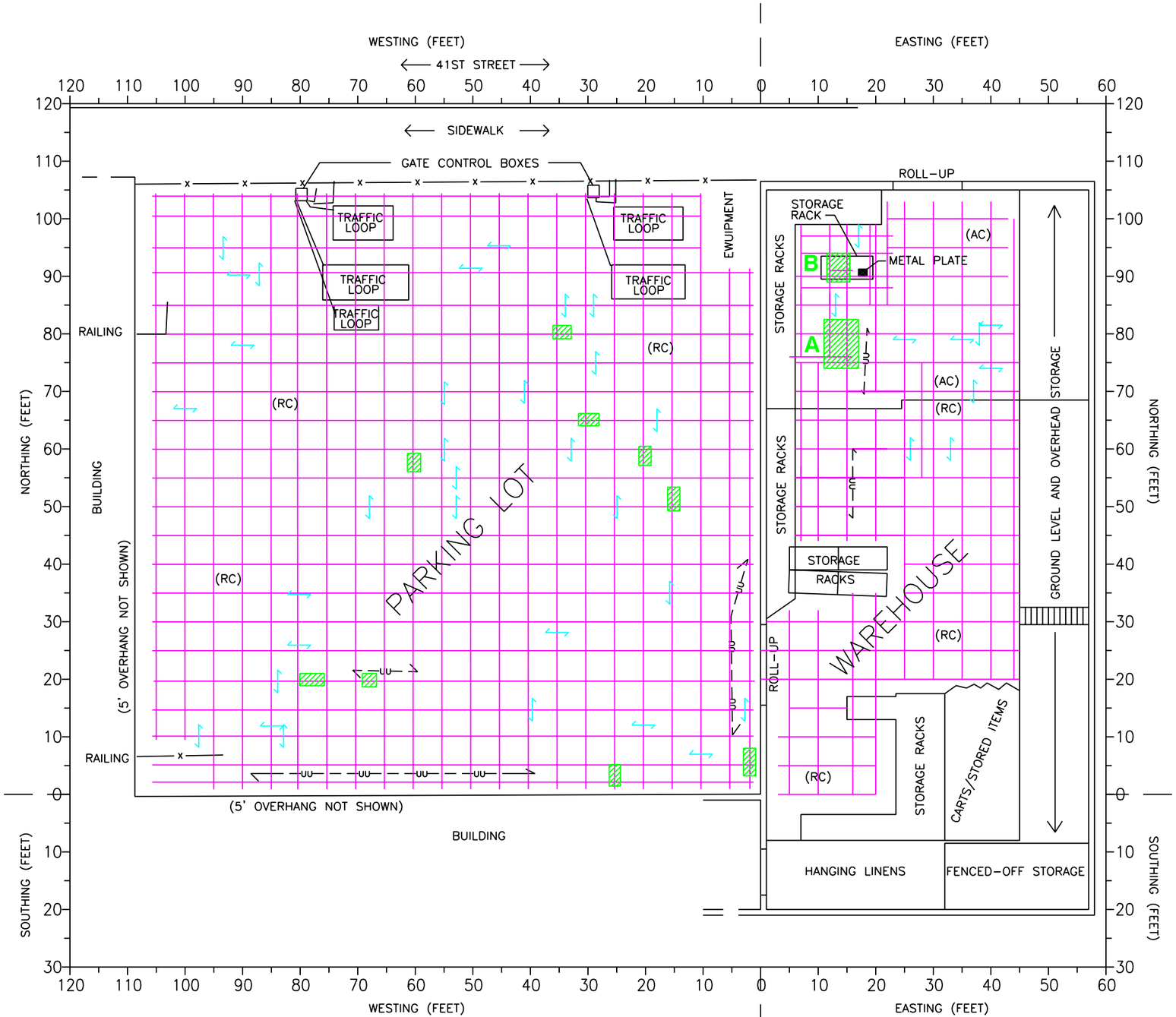
The interpretation of GPR data involves examining the graphical records for reflections from buried objects or materials changes. GPR records display changes in reflected signal strength and arrival time with changes in horizontal position. Strong signals appear dark and weak reflections appear light. Reflections that arrive earlier in time are placed in the upper portions of the record and reflections that arrive later are placed lower, towards the bottom of the records. Horizontal position is across the top of the record.

In areas with relatively uniform conditions, with no buried objects producing reflections, the records typically appear as a series of alternating dark and light horizontal bands. In areas where there are subsurface objects producing reflections, the horizontal banding is disrupted. Discrete objects typically produce reflections having the appearance of inverted "U"s, forming what are known as "hyperbolic reflections". Metallic objects often produce markedly strong reflections, in many cases forming multiple reflections appearing as a series of inverted U's cascading down the record. Non-metallic objects can produce similar reflections, but the multiples are typically much weaker.

An object's burial depth may also be estimated from GPR profiles. As mentioned above, GPR measures signal amplitude as a function of time. However, the translation of the radar signal's travel time (technically known as time-depth) to an actual distance (true depth) is not always a simple one. Strictly speaking, in order to translate from time-depth to true depth the signal velocity within each time interval must be known. Since this is not routinely determined in the field, estimated velocities are often used for determining the approximate depth to a reflector. The empirical values for GPR signal propagation velocities within commonly encountered soils are obtained from published tables.

Limitations

The ability to detect subsurface targets is dependent on specific site conditions. These conditions include depth of burial, the size or diameter of the target, the condition of the specific target in question, the type of backfill material associated with the target, and the surface conditions over the target. Typically, the depth of detection will be reduced as the clay and/or moisture content in the subsurface increases. As a result, depths of detection (using a 400 Mhz antenna) typically range from as deep as six feet to as little as a few inches.



SCALE
0 10 20 40
(1 inch = 20 feet)

LEGEND	
———	GROUND PENETRATING RADAR (GPR) TRAVERSE
— —uu— —	UNKNOWN-TYPE UTILITY LINE
⌇	GPR ANOMALY (TYPE 1) – REPRESENTING SMALL, LOCALIZED OBJECTS/DEBRIS, OR UTILITY SEGMENTS. THESE FEATURES ARE MOST LIKELY TOO SMALL TO REPRESENT SUSPICIOUS OR UST-RELATED OBJECTS.
A	GPR ANOMALY (TYPE 2) – REPRESENTING POSSIBLE BURIED OBJECT, SLIGHTLY LARGER REFLECTION THAN TYPE 1 GPR ANOMALY. BASED ON AGS'S REVIEW, ANOMALIES A AND B REPRESENT MOST SUSPECT FEATURES.
(AC)	ASPHALT GROUND SURFACE
(RC)	REINFORCED CONCRETE
——x——	FENCE

NOTES:
USE OF THE METAL DETECTION METHOD WAS PRECLUDED IN AREAS OF REINFORCED CONCRETE. ADDITIONALLY, THE STEEL RE-BAR INTERFERED WITH THE RADIO FREQUENCY UTILITY LOCATING TECHNIQUE BY RE-RADIATING 60-HZ SIGNAL ASSOCIATED WITH ELECTRIC LINES OR OTHER METAL CONDUITS/PIPES. FINALLY, THE RE-BAR ALSO GENERATED SPURIOUS GROUND PENETRATING RADAR (GPR) REFLECTIONS THROUGHOUT THE SITE, COMPLICATING THE INTERPRETATION OF THE GPR DATA WITH RESPECT TO LOCATIONS OF POSSIBLE USTS. PLEASE REFER TO THE TEXT IN THE REPORT FOR SPECIFIC INFORMATION REGARDING THE ANOMALIES SHOWN ON THIS MAP.

ADVANCED GEOLOGICAL SERVICES

GEOPHYSICAL SURVEY MAP
CALIFORNIA LINEN
989 41ST STREET

LOCATION: OAKLAND, CALIFORNIA
CLIENT: RGA ENVIRONMENTAL, INC.
PROJECT #: 06-155/156-1CA
ADVANCED GEOLOGICAL SERVICES, INC.
DATE: SEPT/OCT 2006
DRAWN BY: D. JONES
APPROVED BY: D. JONES

FIGURE 1

BORING LOGS

RGA Environmental, Inc.

BORING NO.: B18	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Loading Dock Ouside Gate		ELEVATION AND DATUM: None	
DRILLING AGENCY: Vironex, Inc.	DRILLER: Bryan/Tim	DATE & TIME STARTED: 8/10/06	DATE & TIME FINISHED: 8/10/06
DRILLING EQUIPMENT: Track Rig 6610 DT			
COMPLETION DEPTH: 25.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 11.0 FEET	NO. OF SAMPLES: 3 Soil, 1 Water		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	0 to 4.0 ft Brown sandy silt (ML) with orange mottling; moist, medium stiff. No Petroleum Hydrocarbon (PHC) odor.	ML	No Well Constructed		0	Borehole continuously cored using a 5-ft. long 2-inch O.D. Geoprobe Macrocore Barrel Sampler. Samples collected in 5-foot intervals. The sampler was lined with 4.8-ft long 1 3/4 in. O.D. cellulose acetate tubes. First water encountered at 11.0 ft during drilling, 8/10/06. Borehole terminated at 25.0 ft., 8/10/06. 1-in. diameter slotted PVC casing placed in borehole. Water measured at 9.0 ft in PVC casing, 8/10/06, approx. 5 min. after removing drilling rods from borehole. Groundwater grab sample taken at 25.0 ft, using a polypropelene bailer. No odor or sheen detected on the sample. Borehole grouted with neat cement and a 4 in. surface seal of concrete 8/10/06.
5	4.0 ft to 10.0 ft Sandy gravelly silt (ML) with orange mottling; saturated. No PHC odor.	ML			0	
10	10.0 ft to 12.0 ft Sandy gravelly silt (ML); saturated. No PHC odor.	ML			0	
15	12.0 ft to 20.0 ft Brown and grey sandy silt (ML) with orange mottling; stiff, moist. No PHC odor.	ML			0	
20	20.0 ft to 25.0 ft No Recovery				0	
25					0	
30						

RGA Environmental, Inc.

BORING NO.: B19	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: 41st St. North Side		ELEVATION AND DATUM: None	
DRILLING AGENCY: Vironex	DRILLER: Bryan/Tim	DATE & TIME STARTED: 8/10/06	DATE & TIME FINISHED: 8/10/06
DRILLING EQUIPMENT: Track Rig 6610 DT			
COMPLETION DEPTH: 32.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 25.4 FEET	NO. OF SAMPLES: 3 Soil, 1 Water		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
5	0 to 6.0 ft Dark brown clay (CL); medium stiff, slightly moist. No Petroleum Hydrocarbon (PHC) odor.	CL	No Well Constructed		0 0 0 0	Borehole continuously cored using a 5-ft. long 2-inch O.D. Geoprobe Macrocore Barrel Sampler. Samples collected in 5-foot intervals. The sampler was lined with 4.8-ft long 1 3/4 in. O.D. cellulose acetate tubes. First water encountered at 25.4 ft during drilling, 3:40 p.m., 8/10/06. Borehole terminated at 32.0 ft., 8/10/06. 1-in. diameter slotted PVC casing placed in borehole. Water measured at 14.6 ft in PVC casing, 4:00 p.m., 8/10/06, approx. 5 min. after removing drilling rods from borehole. Groundwater grab sample taken at 32.0 ft, using a polypropelene bailer. No odor or sheen detected on the sample. Borehole grouted with neat cement and a 4 in. surface seal of concrete 8/10/06.
	6.0 ft to 8.0 ft. Gray clay (CL) with orange mottling; medium stiff. No PHC odor.	CL			0	
10	8.0 ft to 13.0 ft Brown clay (CL) with orange mottling; soft moist. No PHC odor.	CL			0 0	
15	13.0 ft to 26.0 ft Brown and gray sandy clay (CL) with orange mottling; very stiff, slightly moist. No PHC odor	CL	▼		0 0 0	
20					0 0	
25			▽		0 0	
	26.0 ft to 27.5 ft Brown sandy clay (CL); soft, wet. No PHC odor.	CL			0	
30	27.5 ft to 32.0 ft Brown sandy clay (CL) with orange and black mottling; very stiff, slightly moist. No PHC odor	CL			0	

(continued on page 2)

RGA Environmental, Inc.

BORING NO.: B19	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: 41st St. North Side		ELEVATION AND DATUM: None	
DRILLING AGENCY: Vironex	DRILLER: Bryan/Tim	DATE & TIME STARTED: 8/10/06	DATE & TIME FINISHED: 8/10/06
DRILLING EQUIPMENT: Track Rig 6610 DT			
COMPLETION DEPTH: 32.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 25.4 FEET	NO. OF SAMPLES: 3 Soil, 1 Water		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	(continued from page 1)	CL			0	
35						
40						
45						
50						
55						
60						

RGA Environmental, Inc.

BORING NO.: B20	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: 41st St. South Side		ELEVATION AND DATUM: None	
DRILLING AGENCY: Vironex, Inc.	DRILLER: Bryan/Tim	DATE & TIME STARTED: 8/10/06	DATE & TIME FINISHED: 8/10/06
DRILLING EQUIPMENT: Track Rig 6610 DT			
COMPLETION DEPTH: 25.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 19.5 FEET	NO. OF SAMPLES: 4 Soil, 1 Water		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	0 to 3.0 ft Dark brown clay (CL) with orange and white mottling; medium stiff. No Petroleum Hydrocarbon (PHC) odor.	CL	No Well Constructed		0	Borehole continuously cored using a 5-ft. long 2-inch O.D. Geoprobe Macrocore Barrel Sampler. Samples collected in 5-foot intervals. The sampler was lined with 4.8-ft long 1 3/4 in. O.D. cellulose acetate tubes. First water encountered at 19.5 ft during drilling, 8/10/06. Borehole terminated at 25.0 ft., 8/10/06. 1-in. diameter slotted PVC casing placed in borehole. Water measured at 17.0 ft in PVC casing, 8/10/06, approx. 5 min. after removing drilling rods from borehole. Groundwater grab sample taken at 25.0 ft, using a polypropelene bailer. No odor or sheen detected on the sample. Borehole grouted with neat cement and a 4 in. surface seal of concrete 8/10/06.
	3.0 ft to 7.0 ft Brown clay (CL); medium stiff. No PHC odor.	CL			0	
5					16	
	7.0 ft to 11.0 ft. Green/gray clay (CL) with orange mottling; medium stiff, slightly moist. PHC odors at 6 to 8 feet.	CL			0	
10					14	
	11.0 ft to 25.0 ft Brown clay (CL) with orange mottling; medium stiff, moist (wet from 23.0 ft to 24.0 ft). No PHC odor.	CL			1	
					0	
15					0	
					0	
20					0	
					0	
25					0	
30						

RGA Environmental, Inc.

BORING NO.: B21	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Plant Work Floor		ELEVATION AND DATUM: None	
DRILLING AGENCY: Vironex, Inc.	DRILLER: Bryan/Emerson	DATE & TIME STARTED: 8/8/06 16:00	DATE & TIME FINISHED: 8/8/06 17:00
DRILLING EQUIPMENT: Badger			
COMPLETION DEPTH: 24.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 15.0 FEET	NO. OF SAMPLES: 3 Soil, 1 Water		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	0 to 3.0 ft No recovery.		No Well Constructed		0	Borehole continuously cored using a 3-ft. long 2-inch O.D. Geoprobe Macrocore Barrel Sampler. Samples collected in 3-foot intervals. The sampler was lined with 2.8-ft long 1 3/4 in. O.D. cellulose acetate tubes. First water encountered at 15.0 ft during drilling, 4:30 p.m., 8/8/06. Borehole terminated at 24.0 ft., 8/8/06. 1-in. diameter slotted PVC casing placed in borehole. Water measured at 9.7 ft in PVC casing, 5:30 p.m. 8/8/06, approx. 5 min. after removing drilling rods from borehole. Groundwater grab sample taken at 24.0 ft, using a polypropelene bailer. No odor or sheen detected on the sample. Borehole grouted with neat cement and a 4 in. surface seal of concrete 8/8/06.
	3.0 ft to 5.0 ft Dark brown silt (ML); slightly moist, stiff, orange mottling. No Petroleum Hydrocarbon (PHC) odors.	ML			0	
5	5.0 ft to 6.0 ft Gray silt (ML) with white and orange mottling; very stiff, slightly moist. No PHC odor.	ML			0	
	6.0 ft to 12.0 ft Light brown sandy silt (ML) with orange and white mottling. No PHC odor.	ML	▼		0	
10					0	
	12.0 ft to 13.0 ft Light brown silty sand (SM); loose, saturated. No PHC odor.	SM			0	
	13.0 ft to 13.5 ft Light brown silty sand (SM) with orange and brown mottling; moist. No PHC odor.	SM			0	
15	13.5 ft to 15.0 ft Light brown clay (CL) with orange and brown mottling; very stiff, moist.	CL	▽		0	
	15.0 ft to 17.0 ft Brown silty sand (SM); loose, saturated. No PHC odor.	SM			0	
	17.0 ft to 17.5 ft Sandy silt (ML); saturated, loose. No PHC odor.	ML			0	
20	17.5 ft to 22.0 ft No recovery.				0	
	22.0 ft to 24.0 ft Light brown sandy silt (ML); wet, soft. No PHC odor.	ML			0	
25					0	
30						

RGA Environmental, Inc.

BORING NO.: B22	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Loading Dock Area		ELEVATION AND DATUM: None	
DRILLING AGENCY: Vironex, Inc.	DRILLER: Bryan/Emerson	DATE & TIME STARTED: 8/8/06 16:00	DATE & TIME FINISHED: 8/8/06 17:00
DRILLING EQUIPMENT: TrackRig 6610 DT			
COMPLETION DEPTH: 21.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 11.0 FEET	NO. OF SAMPLES: 3 Soil, 1 Water		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	0 to 2.0 ft Asphalt and gravel.		No Well Constructed		0	Borehole continuously cored using a 5-ft. long 2-inch O.D. Geoprobe Macrocore Barrel Sampler. Samples collected in 5-foot intervals. The sampler was lined with 4.8-ft long 1 3/4 in. O.D. cellulose acetate tubes. First water encountered at 20.0 ft during drilling, 12:43 p.m., 8/8/06. Borehole terminated at 21.0 ft., 1:30 p.m., 8/8/06. 1-in. diameter slotted PVC casing placed in borehole. Water measured at 8.7 ft in PVC casing, 8/8/06, approx. 5 min. after removing drilling rods from borehole. Groundwater grab sample taken at 24.0 ft, using a polypropelene bailer. No odor or sheen detected on the sample. Borehole grouted with neat cement and a 4 in. surface seal of concrete 8/8/06.
	2.0 ft to 5.0 ft Sandy gravelly silt (ML) with gravels up to 1" diameter. No Petroleum Hydrocarbon (PHC) odors.	ML			0	
5	5.0 ft to11.0 ft Gray sand (SW) with orange mottling; loose. No PHC odor.	SW			0	
					0	
10					0	
	11.0 ft to 13.0 ft Orange-brown gravelly sand (SW) with orange and brown mottling; loose, moist. No PHC odor	SW			0	
15	13.0 ft to 21.0 ft Gray-brown clay (CL); medium stiff, moist. No PHC odor.	CL			0	
					0	
20					0	
25						
30						

RGA Environmental, Inc.

BORING NO.: B23	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Loading Dock Area		ELEVATION AND DATUM: None	
DRILLING AGENCY: Vironex, Inc.	DRILLER: Bryan/Emerson	DATE & TIME STARTED: 8/8/06	DATE & TIME FINISHED: 8/8/06
DRILLING EQUIPMENT: TrackRig 6610 DT			
COMPLETION DEPTH: 30.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 28.0 FEET	NO. OF SAMPLES: 3 Soil, 1 Water		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
5	0 ft to 7.0 ft Dark brown silt (ML) with orange mottling; medium stiff, slightly moist. No Petroleum Hydrocarbon (PHC) odors.	ML	No Well Constructed		0 0 0	Borehole continuously cored using a 5-ft. long 2-inch O.D. Geoprobe Macrocore Barrel Sampler. Samples collected in 5-foot intervals. The sampler was lined with 4.8-ft long 1 3/4 in. O.D. cellulose acetate tubes.
	7.0 to 9.5 ft Gray clay (CL) with orange and black mottling; stiff, slightly moist. No PHC odor.	CL			0	
10	9.5 ft to 13.0 ft Greenish-gray sandy clay (CL); stiff, slightly moist. Slight PHC odor.	CL			0 0	First water encountered at 28.0 ft during drilling, 12:13 p.m., 8/8/06.
15	13.0 ft to 16.0 ft Gray-brown clay (CL); stiff, slightly moist. No PHC odor.	CL			0	Borehole terminated at 30.0 ft., 8/8/06.
	16.0 ft to 17.0 ft Sandy gravelly clay (CL) with orange and black mottling. No PHC odor.	CL			0	1-in. diameter slotted PVC casing placed in borehole. Water measured at 25.0 ft in PVC casing, 8/8/06, approx. 5 min. after removing drilling rods from borehole. Groundwater grab sample taken at 30.0 ft, using a polypropelene bailer. No odor or sheen detected on the sample.
20	17.0 ft to 22.0 ft Brown sandy silt (ML); medium stiff, slightly moist. No PHC odor.	ML			0 0	
	22.0 ft to 24.0 ft Brown and gray sandy silt (ML); soft, wet. No PHC odor.	ML			0	Borehole grouted with neat cement and a 4 in. surface seal of concrete 8/8/06.
25	24.0 ft to 26.0 ft Brown sandy silt (ML); stiff, slightly moist. No PHC odor.	ML			0	
	26.0 ft to 28.0 ft Brown silty sand (SM); soft, wet. No PHC odor.	SM			0	
30	28.0 ft to 30.0 ft Brown sandy gravelly clay (CL); stiff. No PHC odor.	CL			0	

RGA Environmental, Inc.

BORING NO.: B24	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Loading Dock Area		ELEVATION AND DATUM: None	
DRILLING AGENCY: Vironex, Inc.	DRILLER: Bryan/Emerson	DATE & TIME STARTED: 8/9/06 3:00 p.m.	DATE & TIME FINISHED: 8/9/06 4:00 p.m.
DRILLING EQUIPMENT: Track Rig 6610 DT			
COMPLETION DEPTH: 25.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 11.0 FEET	NO. OF SAMPLES: 3 Soil, 1 Water		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
5	0 ft to 8.0 ft No Recovery		No Well Constructed		0 0 0	Borehole continuously cored using a 5-ft. long 2-inch O.D. Geoprobe Macrocore Barrel Sampler. Samples collected in 5-foot intervals. The sampler was lined with 4.8-ft long 1 3/4 in. O.D. cellulose acetate tubes.
	8.0 to 9.0 ft Gray-black silty sand (SM); medium dense. No Petroleum Hydrocarbon (PHC) odor.	SM			16	
10	9.0 ft to 11.0 ft Gray-black silty sand (SM); medium dense. Moderate PHC odor.	SM			0	First water encountered at 11.0 ft during drilling, 8/9/06.
	11.0 ft to 15.0 ft Brown silt (ML) with orange mottling; stiff, moist. Moderate PHC odor.	ML			17 16	Borehole terminated at 25.0 ft., 8/9/06. 1-in. diameter slotted PVC casing placed in borehole. Water measured at 9.0 ft in PVC casing, 8/9/06, approx. 5 min. after removing drilling rods from borehole. Groundwater grab sample taken at 25.0 ft and 55.0 ft, using a polypropelene bailer. No odor or sheen detected on the sample.
15	15.0 to 20.0 ft Gray-black sand (SP); medium dense, wet to saturated. Moderate PHC odor.	SP			6 20	
20	20.0 ft to 25.0 ft No recovery				0 0 0	Borehole grouted with neat cement and a 4 in. surface seal of concrete 8/9/06.
25						
30						

RGA Environmental, Inc.

BORING NO.: B25	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: 41st St. Sidewalk		ELEVATION AND DATUM: None	
DRILLING AGENCY: Vironex, Inc.	DRILLER: Bryan/Jeff	DATE & TIME STARTED: 8/9/06	DATE & TIME FINISHED: 8/9/06
DRILLING EQUIPMENT: Track Rig 6610 DT			
COMPLETION DEPTH: 25.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 15.0 FEET	NO. OF SAMPLES: 3 Soil		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
5	0 ft to 8.0 ft Brown silty sand (SM); loose, slightly moist. No Petroleum Hydrocarbon (PHC) odor.	SM	No Well Constructed		0 0 0 0	Borehole continuously cored using a 5-ft. long 2-inch O.D. Geoprobe Macrocore Barrel Sampler. The sampler was lined with 4.8-ft long 1 3/4 in. O.D. cellulose acetate tubes.
	8.0 ft to 9.0 ft Gray gravelly sandy silt (ML); wet, soft.	ML				First water encountered at 15.0 ft during drilling, 8/9/06.
10	9.0 ft to 15.0 ft Brown-gray sandy silt (ML) with orange and black mottling. No PHC odor.	ML			0 0 0	Borehole terminated at 25.0 ft., 8/9/06.
15	15.0 to 17.0 ft Brown silty sand (SM); loose, saturated. No PHC odor.	SM			0	1-in. diameter slotted PVC casing placed in borehole. Groundwater grab sample taken at 25.0 ft, using a polypropelene bailer. No odor or sheen detected on the sample.
	17.0 ft to 20.0 ft Brown sandy silt (ML); loose, saturated. No PHC odor.	ML			0	Borehole grouted with neat cement and a 4 in. surface seal of concrete 8/9/06.
20	20.0 ft to 22.5 Brown silty sand (SM); loose, saturated. No PHC odor.	SM			0 0	
	22.5 ft to 25.0 ft Brown sandy clay (CL); very stiff, slightly moist. No PHC odor.	CL			0	
25						
30						

RGA Environmental, Inc.

BORING NO.: B26	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: 41st St. Sidewalk		ELEVATION AND DATUM: None	
DRILLING AGENCY: Vironex, Inc.	DRILLER: Bryan/Jeff	DATE & TIME STARTED: 8/9/06	DATE & TIME FINISHED: 8/9/06
DRILLING EQUIPMENT: Track Rig 6610 DT			
COMPLETION DEPTH: 25.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 22.0 FEET	NO. OF SAMPLES: 3 Soil, 1 Water		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
5	0 ft to 7.0 ft Dark brown sandy silt (ML) with orange mottling; moist, soft. No Petroleum Hydrocarbon (PHC) odor.	ML	No Well Constructed		0 0 0	Borehole continuously cored using a 5-ft. long 2-inch O.D. Geoprobe Macrocore Barrel Sampler. Samples collected in 5-foot intervals. The sampler was lined with 4.8-ft long 1 3/4 in. O.D. cellulose acetate tubes. First water encountered at 22.0 ft during drilling, 2:00 p.m., 8/9/06. Borehole terminated at 25.0 ft., 8/9/06. 1-in. diameter slotted PVC casing placed in borehole. Water measured at 11.8 ft in PVC casing, 3:10 p.m., 8/9/06, approx. 5 min. after removing drilling rods from borehole. Groundwater grab sample taken at 25.0 ft, using a polypropelene bailer. No odor or sheen detected on the sample. Borehole grouted with neat cement and a 4 in. surface seal of concrete 8/9/06.
10	7.0 ft to 17.0 ft Gray sandy silt (ML) with orange mottling; slightly moist, medium stiff. No PHC odor.	ML			0 0 0	
15					0 0	
20	17.0 ft to 22.5 ft Brown-gray clay (CL) with orange mottling; medium stiff, moist. No PHC odor.	CL			0 0	
25	22.5 ft to 25.0 ft Brown clay (CL) with orange and black mottling; soft, moist. No PHC odor.	CL			0 0	
30						

RGA Environmental, Inc.

BORING NO.: B27	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: 41st St. Sidewalk		ELEVATION AND DATUM: None	
DRILLING AGENCY: Vironex, Inc.	DRILLER: Bryan/Jeff	DATE & TIME STARTED: 8/9/06	DATE & TIME FINISHED: 8/9/06
DRILLING EQUIPMENT: Track Rig 6610 DT			
COMPLETION DEPTH: 25.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 13.0 FEET	NO. OF SAMPLES: 3 Soil, 1 Water		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
5	0.0 to 7.0 ft No Recovery		No Well Constructed		0 0 0	Borehole continuously cored using a 5-ft. long 2-inch O.D. Geoprobe Macrocore Barrel Sampler. The sampler was lined with 4.8-ft long 1 3/4 in. O.D. cellulose acetate tubes.
10	7.0 ft to 15.0 ft Brown sandy silt (ML) orange and gray mottling; medium dense, slightly moist. No Petroleum Hydrocarbon (PHC) odor.	ML	▼		0 0 0	First water encountered at 13.0 ft during drilling, 8/9/06.
15	15.0 ft to 17.0 ft Brown sandy silt (ML); loose, saturated. No PHC odor.	ML	▽		0 0	Borehole terminated at 25.0 ft., 8/9/06. 1-in. diameter slotted PVC casing placed in borehole. Water measured at 9.0 ft in PVC casing, 8/9/06, approx. 5 min. after removing drilling rods from. Groundwater grab sample taken at 25.0 ft, using a polypropelene bailer. No odor or sheen detected on the sample. Borehole grouted with neat cement and a 4 in. surface seal of concrete 8/9/06.
20	17.0 ft to 19.0 ft Clay (CL) with orange and gray mottling; stiff, slightly moist. No PHC odor.	CL			0 0	
25	19.0 ft to 25.0 ft Brown sandy gravelly clay (CL); stiff, slightly moist. No PHC odor.	CL			0 0	
30						

RGA Environmental, Inc.

BORING NO.: B29	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Plant Work Floor		ELEVATION AND DATUM: None	
DRILLING AGENCY: Vironex, Inc.	DRILLER: Bryan/Jeff	DATE & TIME STARTED: 8/8/06 12:30	DATE & TIME FINISHED: 8/8/06 13:45
DRILLING EQUIPMENT: Badger			
COMPLETION DEPTH: 21.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 12.5 FEET	NO. OF SAMPLES: 4 Soil, 1 Water		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	0.0 to 0.5 ft Sand and Gravel Fill		No Well Constructed			Borehole continuously cored using a 5-ft. long 2-inch O.D. Geoprobe Macrocore Barrel Sampler. The sampler was lined with 4.8-ft long 1 3/4 in. O.D. cellulose acetate tubes. First water encountered at 11.6 ft during drilling, 8/8/06. Borehole terminated at 21.0 ft., 8/8/06. 1-in. diameter slotted PVC casing placed in borehole. Water measured at 6.5 ft in PVC casing, 8/8/06, approx. 5 min. after removing drilling rods from borehole. Borehole grouted with neat cement and a 4 in. surface seal of concrete 8/8/06.
	0.5 ft to 3.5 ft Brown silty sand (SM) with orange and black mottling; medium stiff, slightly moist. No Petroleum Hyrdocarbon (PHC) odor.	SM			0	
5	3.5 ft to 6.5 ft Dark brown silt (ML); medium stiff, slightly moist. No PHC odor.	ML			0	
	6.5 ft to 7.0 ft Sandy gravel (GW); black, saturated. No PHC odor.	GW			0	
		ML				
	7.0 ft to 8.0 ft Dark brown silt (ML); medium stiff, slightly moist, black mottling.	ML			0	
		ML				
10	**8.0 ft to 9.0 ft Light brown silt (ML); very stiff, slightly moist.**				0	
	9.0 ft to 10.0 ft Brown silt (ML); soft, wet.	ML				
	10.0 to 12.5 ft Light brown sandy silt (ML); medium stiff, slightly moist, orange and black mottling.				0	
	12.5 ft to 13.5 ft Light brown sandy clay (CL); soft, wet.	CL				
15	13.5 ft to 16.0 ft Light brown sandy silt (ML); medium stiff, slightly moist.	ML			0	
	16.0 ft to 20.0 ft Sandy clay (CL); soft, wet.	CL			0	
20	20.0 ft to 21.0 ft Clay (CL); stiff.	CL			0	
25						
30						

RGA Environmental, Inc.

BORING NO.: B30	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Plant Storage Area		ELEVATION AND DATUM: None	
DRILLING AGENCY: Vironex, Inc.	DRILLER: Bryan/Emerson	DATE & TIME STARTED: 8/8/06 10:00	DATE & TIME FINISHED: 8/8/06 12:00
DRILLING EQUIPMENT: Badger			
COMPLETION DEPTH: 30.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 27.0 FEET	NO. OF SAMPLES: 3 Soil, 1 Water		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	0.0 ft to 3.0 ft No Recovery		No Well Constructed			Borehole continuously cored using a 5-ft. long 2-inch O.D. Geoprobe Macrocore Barrel Sampler. Samples collected in 5-foot intervals. The sampler was lined with 2.8-ft long 1 3/4 in. O.D. cellulose acetate tubes. First water encountered at 27.0 ft during drilling, 8/8/06. Borehole terminated at 30.0 ft., 8/8/06. 1-in. diameter slotted PVC casing placed in borehole. Water measured at 10.0 ft in PVC casing, 8/8/06, approx. 5 min. after removing drilling rods from borehole. Groundwater grab sample taken at 30.0 ft, using a polypropelene bailer. No odor or sheen detected on the sample. Borehole grouted with neat cement and a 4 in. surface seal of concrete 8/8/06.
5	3.5 ft to 7.0 ft Dark brown silt (ML); medium stiff, slightly moist. No Petroleum Hydrocarbon (PHC) odor.	ML			0 0	
	7.0 ft to 9.0 ft Dark brown silt (ML); very stiff, slightly moist. No PHC odor.	ML			0	
10	9.0 ft to 14.0 ft Brown sandy silt (ML) with coarse sand, gravel less than 1/2" diameter at 13.0 to 13.5 ft, and orange and black mottling; medium stiff, slightly moist. No PHC odor.	ML	▼		0 0	
15	14.0 ft to 18.0 ft Light brown silt (ML); very stiff, slightly moist. No PHC odor.	ML			0 0	
20	18.0 ft to 21.0 ft Light brown silt (ML) with orange and black mottling; soft, moist. No PHC odor.	ML			0 0	
	21.0 ft to 23.5 ft Brown clay (CL); very soft, moist. No PHC odor.	CL			0	
	23.5 ft to 24.5 ft Brown silty sand (SM) with black and orange mottling; dense. No PHC odor.	SM			0	
25	24.5 ft to 26.5 ft Light brown clay (CL); very soft, wet. No PHC odor.	CL	▽		0	
	26.5 ft to 30.0 ft Brown clay (CL); very stiff. No PHC odor.	CL			0 0	
30					0	

RGA Environmental, Inc.

BORING NO.: B31	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Linden Street West Side		ELEVATION AND DATUM: None	
DRILLING AGENCY: Vironex, Inc.	DRILLER: Bryan/Jeff	DATE & TIME STARTED: 8/11/06	DATE & TIME FINISHED: 8/11/06
DRILLING EQUIPMENT: Track Rig 6610 DT			
COMPLETION DEPTH: 35.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 20.0 FEET	NO. OF SAMPLES: 3 Soil, 1 Water		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	0.0 ft to 0.5 ft Gravel Fill	FILL	No Well Constructed		0	Borehole continuously cored using a 5-ft. long 2-inch O.D. Geoprobe Macrocore Barrel Sampler. Samples collected in 5-foot intervals. The sampler was lined with 4.8-ft long 1 3/4 in. O.D. cellulose acetate tubes. First water encountered at 20.0 ft during drilling, 8/11/06. Borehole terminated at 35.0 ft., 8/11/06. 1-in. diameter slotted PVC casing placed in borehole. Water measured at 14.6 ft in PVC casing, 8/11/06, approx. 5 min. after removing drilling rods from borehole. Groundwater grab sample taken at 35.0 ft, using a polypropelene bailer. No odor or sheen detected on the sample. Borehole grouted with neat cement and a 4 in. surface seal of concrete 8/11/06.
	0.5 ft to 5.0 ft Sandy clay (CL) with gravel; very stiff, slightly moist. No Petroleum Hydrocarbon odor.	CL			0	
5					0	
	5.0 ft to 17.0 ft Brown-gray sandy clay (CL) with orange and black mottling; very stiff slightly moist. No PHC odor.	CL			0	
10					0	
					0	
15					0	
	17.0 ft to 22.0 ft Brown silty sandy clay (CL) with orange mottling; stiff, slightly moist. No PHC odor.	CL			0	
20					0	
	22.0 ft to 25.0 ft Brown clay (CL); very stiff slightly moist. No PHC odor.	CL			0	
25	25.0 ft to 27.0 ft Brown silty clay (CL); soft moist. No PHC odor.	CL			0	
	27.0 ft to 30.0 ft Brown silty clay (CL); stiff, slightly moist. No PHC odor.	CL			0	
30					0	
	(continued on page 2)					

RGA Environmental, Inc.

BORING NO.: B31	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Linden Street West Side		ELEVATION AND DATUM: None	
DRILLING AGENCY: Vironex, Inc.	DRILLER: Bryan/Jeff	DATE & TIME STARTED: 8/11/06	DATE & TIME FINISHED: 8/11/06
DRILLING EQUIPMENT: Track Rig 6610 DT			
COMPLETION DEPTH: 35.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 20.0 FEET	NO. OF SAMPLES: 3 Soil, 1 Water		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
30	(continued from page 1)					
	30.0 ft to 35.0 ft Brown silty clay (CL); soft, moist. No PHC odor.	CL			0 0	
35						
40						
45						
50						
55						

RGA Environmental, Inc.

BORING NO.: B32	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Linden St. West Side		ELEVATION AND DATUM: None	
DRILLING AGENCY: Vironex, Inc.	DRILLER: Bryan/Jeff	DATE & TIME STARTED: 8/11/06	DATE & TIME FINISHED: 8/11/06
DRILLING EQUIPMENT: Track Rig 6610 DT			
COMPLETION DEPTH: 35.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 30.0 FEET	NO. OF SAMPLES: 3 Soil, 1 Water		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
5	0.0 ft to 5.0 ft Gravel sandy silt (ML) with orange, black and white mottling; stiff, slightly moist. No Petroleum Hydrocarbon (PHC) odor.	ML	No Well Constructed		0 0	Borehole continuously cored using a 5-ft. long 2-inch O.D. Geoprobe Macrocore Barrel Sampler. Samples collected in 5-foot intervals. The sampler was lined with 4.8-ft long 1 3/4 in. O.D. cellulose acetate tubes. First water encountered at 30.0 ft during drilling, 8/11/06. Borehole terminated at 35.0 ft., 8/11/06. 1-in. diameter slotted PVC casing placed in borehole. Groundwater grab samples taken at 30.0 ft and 56.0 ft, using a polypropelene bailer. No odor or sheen detected on the sample. Borehole grouted with neat cement and a 4 in. surface seal of concrete 8/11/06.
10	5.0 ft to 12.0 ft Brown sandy silt (ML) with gravel up to 1/2" diameter and orange and black mottling. No PHC odor.	ML			0 0 0	
15	12.0 ft to 22.0 ft Brown and gray clay (CL) with orange mottling; slightly moist. No PHC odor.	CL			0 0 0 0	
20					0	
25	22.0 ft to 24.0 ft Brown sandy silt (ML); soft, moist. No PHC odor.	ML			0	
	24.0 ft to 26.0 ft Brown sandy silt (ML) with orange mottling; very stiff, slightly moist. No PHC odor.	ML			0	
30	26.0 ft to 35.0 ft Brown sandy silt (ML); soft, moist. No PHC odor.	ML			0 0	

(continued on page 2)

RGA Environmental, Inc.

BORING NO.: B32	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Linden St. West Side		ELEVATION AND DATUM: None	
DRILLING AGENCY: Vironex, Inc.	DRILLER: Bryan/Jeff	DATE & TIME STARTED: 8/11/06	DATE & TIME FINISHED: 8/11/06
DRILLING EQUIPMENT: Track Rig 6610 DT			
COMPLETION DEPTH: 35.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 30.0 FEET	NO. OF SAMPLES: 3 Soil, 1 Water		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
30	(continued from page 1) 26.0 ft to 35.0 ft Brown sandy silt (ML); soft, moist. No PHC odor.	ML			0 0	
35						
40						
45						
50						
55						

RGA Environmental, Inc.

BORING NO.: B33	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: NW Corner E Parking Lot		ELEVATION AND DATUM: None	
DRILLING AGENCY: Vironex, Inc.	DRILLER: Josh/Justin	DATE & TIME STARTED: 10/18/06 10:30	DATE & TIME FINISHED: 10/18/06 12:00
DRILLING EQUIPMENT: Geoprobe 6610 DT			
COMPLETION DEPTH: 25.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 23.0 FEET	NO. OF SAMPLES: 2 Soil, 1 Water		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	0.0 to 0.5 ft Concrete		No Well Constructed			Borehole continuously cored using a 5-ft. long 2-inch O.D. Geoprobe Macrocore Barrel Sampler. The sampler was lined with 4.8-ft long 1 3/4 in. O.D. cellulose acetate tubes. First water encountered at 23.0 ft during drilling, 10/18/06. Borehole terminated at 25.0 ft., 10/18/06. 1-in. diameter slotted PVC casing placed in borehole. Water measured at 9.5 ft in PVC casing, 12:00, 10/18/06, approx. 5 min. after removing drilling rods from borehole. Groundwater grab sample taken at 25.0 ft, using a polypropelene bailer. No odor or sheen detected on the sample. Borehole grouted with neat cement and a 4 in. surface seal of concrete 10/18/06.
	0.5 ft to 3.0 ft Black clay (CL) with orange mottling; stiff, slightly moist. No Petroleum Hyrdocarbon (PHC) odor.	CL			0	
5	3.0 ft to 7.0 ft Gray clay (CL) with orange and black mottling. No PHC odor.	CL			0	
10	7.0 ft to 17.0 ft Brown sandy clay (CH) with orange mottling; stiff, slightly moist. No PHC odor.	CH	▼		0	
15					0	
	17.0 ft to 19.0 ft Brown sandy clay (CL); soft, moist. No PHC odor.	CL			0	
20	19.0 ft to 22.0 ft Brown sandy gravel (GW); medium dense, wet. No PHC odor.	CL			0	
	22.0 ft to 23.0 ft Brown sand (SP) with orange mottling; wet. No PHC odor.	SP	▽		0	
	23.0 ft to 25.0 Gray clay (CL) with orange mottling; wet. No PHC odor.	CL				
25						
30						

RGA Environmental, Inc.

BORING NO.: B34	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: NE Corner E Parking Lot		ELEVATION AND DATUM: None	
DRILLING AGENCY: Vironex, Inc.	DRILLER: Josh/Justin	DATE & TIME STARTED: 10/19/06	DATE & TIME FINISHED: 10/19/06
DRILLING EQUIPMENT: Geoprobe 6610 DT			
COMPLETION DEPTH: 25.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 23.0 FEET	NO. OF SAMPLES: 2 Soil, 1 Water		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	0.0 to 0.5 ft Concrete		No Well Constructed		0	Borehole continuously cored using a 5-ft. long 2-inch O.D. Geoprobe Macrocore Barrel Sampler. The sampler was lined with 4.8-ft long 1 3/4 in. O.D. cellulose acetate tubes. First water encountered at 23.0 ft during drilling, 10/19/06. Borehole terminated at 25.0 ft., 10/19/06. 1-in. diameter slotted PVC casing placed in borehole. Water measured at 9.8 ft in PVC casing, 14:30, 10/19/06, approx. 5 min. after removing drilling rods from borehole. Groundwater grab sample taken at 25.0 ft, using a polypropelene bailer. No odor or sheen detected on the sample. Borehole grouted with neat cement and a 4 in. surface seal of concrete 10/19/06.
	0.5 ft to 4.0 ft Dark gray sandy clay (CL) with orange mottling; stiff, slightly moist. No Petroleum Hyrdocarbon (PHC) odor.	CL			0	
5	4.0 ft to 9.5 ft Green sandy clay (CL) with orange mottling; stiff, slightly moist. No PHC odor.	CL			0	
10	9.5 ft to 14.0 ft Brown sandy clay (CL) with orange mottling; stiff, slightly moist. No PHC odor.	CL			0	
	14.0 ft to 15.0 ft Brown sandy clay (CL) with gravel and orange mottling; stiff. No PHC odor.	CL			0	
15	15.0 ft to 18.0 ft Brown and gray sandy clay (CL); soft, moist. No PHC odor.	CL			0	
20	18.0 ft to 23.5 ft Brown clay (CL) with sand and gravel; dense, wet. No PHC odor.	CL			0	
	23.5 ft to 25.0 ft Gray clay (CL); soft, wet. No PHC odor.	CL			0	
25						
30						

RGA Environmental, Inc.

BORING NO.: B35	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Center of East Parking Lot		ELEVATION AND DATUM: None	
DRILLING AGENCY: Vironex, Inc.	DRILLER: Josh/Justin	DATE & TIME STARTED: 10/18/06	DATE & TIME FINISHED: 10/18/06
DRILLING EQUIPMENT: Geoprobe 6610 DT			
COMPLETION DEPTH: 25.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 23.0 FEET	NO. OF SAMPLES: 2 Soil, 1 Water		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	0.0 to 0.5 ft Concrete		No Well Constructed		0	Borehole continuously cored using a 5-ft. long 2-inch O.D. Geoprobe Macrocore Barrel Sampler. The sampler was lined with 4.8-ft long 1 3/4 in. O.D. cellulose acetate tubes. First water encountered at 23.0 ft during drilling, 10/18/06. Borehole terminated at 25.0 ft., 10/18/06. 1-in. diameter slotted PVC casing placed in borehole. Water measured at 9.5 ft in PVC casing, 15:30, 10/18/06, approx. 5 min. after removing drilling rods from borehole. Groundwater grab sample taken at 25.0 ft, using a polypropelene bailer. No odor or sheen detected on the sample. Borehole grouted with neat cement and a 4 in. surface seal of concrete 10/18/06.
	0.5 ft to 4.0 ft Black clay (CL) with orange mottling; medium stiff, slightly moist. No Petroleum Hyrdocarbon (PHC) odor.	CL			0	
5	4.0 ft to 8.0 ft Gray-green clay (CL); medium stiff, slightly moist. No PHC odor.	CL			0	
					0	
10	8.0 ft to 17.0 ft Brown clay (CH) with sand and orange mottling; stiff, moist. No PHC odor.	CH			0	
					0	
15					0	
					0	
20	17.0 ft to 24.0 ft Brown clay (CL) with sand and gravel; medium stiff, moist. No PHC odor.	CL			0	
					0	
	24.0 ft to 24.5 ft Lens of brown sand (SP); wet.	SP			0	
25	24.5 ft to 25.0 ft Brown clay (CL) with sand and gravel; medium stiff, moist. No PHC odor.	CL				
30						

RGA Environmental, Inc.

BORING NO.: B36	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: SW Corner of East Parking Lot		ELEVATION AND DATUM: None	
DRILLING AGENCY: Vironex, Inc.	DRILLER: Josh/Justin	DATE & TIME STARTED: 10/18/06 12:30	DATE & TIME FINISHED: 10/18/06 14:00
DRILLING EQUIPMENT: Geoprobe 6610 DT			
COMPLETION DEPTH: 25.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 23.0 FEET	NO. OF SAMPLES: 2 Soil, 1 Water		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	0.0 to 0.5 ft Concrete		No Well Constructed			Borehole continuously cored using a 5-ft. long 2-inch O.D. Geoprobe Macrocore Barrel Sampler. The sampler was lined with 4.8-ft long 1 3/4 in. O.D. cellulose acetate tubes. First water encountered at 23.0 ft during drilling, 10/18/06. Borehole terminated at 25.0 ft., 10/18/06. 1-in. diameter slotted PVC casing placed in borehole. Water measured at 10.0 ft in PVC casing, 14:00, 10/18/06, approx. 5 min. after removing drilling rods from borehole. Groundwater grab sample taken at 25.0 ft, using a polypropelene bailer. No odor or sheen detected on the sample. Borehole grouted with neat cement and a 4 in. surface seal of concrete 10/18/06.
	0.5 ft to 3.0 ft Black clay (CL) with orange mottling; stiff, slightly moist. No Petroleum Hyrdocarbon (PHC) odor.	CL			0	
	3.0 ft to 5.0 ft Gray clay with sand (CH); stiff, slightly moist. No PHC odor.	CL			0	
5	5.0 ft to 8.0 ft Gray-green clay with sand(Ch); stiff, slightly moist. Moderate PHC odor.	CL			8	
					27	
10	8.0 ft to 17.0 ft Brown sandy clay with gravel (CH) with orange mottling; moist. Slight PHC odor.	CH	▼		2	
					0	
					0	
15					0	
					0	
	17.0 ft to 19.5 ft Brown clay (CL); soft, wet. No PHC odor.	CL			0	
20	19.5 ft to 23.0 ft Brown well graded sand with silt and gravel (SW-SM); medium dense, wet. No PHC odor.	SW-SM			0	
			▽			
	23.0 ft to 23.5 ft Brown poorly graded sand (SP); medium dense, wet. No PHC odor.	SP			0	
		CL				
25	23.5 ft to 25.0 ft Brown clay (CL); soft, wet. No PHC odor.					
30						

RGA Environmental, Inc.

BORING NO.: B37	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: SW Corner of East Parking Lot		ELEVATION AND DATUM: None	
DRILLING AGENCY: Vironex, Inc.	DRILLER: Josh/Justin	DATE & TIME STARTED: 10/19/06 12:30	DATE & TIME FINISHED: 10/19/06 14:00
DRILLING EQUIPMENT: Geoprobe 6610 DT			
COMPLETION DEPTH: 25.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 23.0 FEET	NO. OF SAMPLES: 2 Soil, 1 Water		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	0.0 to 0.5 ft Concrete		No Well Constructed		0	Borehole continuously cored using a 5-ft. long 2-inch O.D. Geoprobe Macrocore Barrel Sampler. The sampler was lined with 4.8-ft long 1 3/4 in. O.D. cellulose acetate tubes. First water encountered at 23.0 ft during drilling, 10/19/06. Borehole terminated at 25.0 ft., 10/19/06. 1-in. diameter slotted PVC casing placed in borehole. Water measured at 13.8 ft in PVC casing, 11:00, 10/19/06, approx. 5 min. after removing drilling rods from borehole. Groundwater grab sample taken at 25.0 ft, using a polypropelene bailer. No odor or sheen detected on the sample. Borehole grouted with neat cement and a 4 in. surface seal of concrete 10/19/06.
	0.5 ft to 5.0 ft Black clay with sand (CL); medium stiff, slightly moist. No Petroleum Hyrdocarbon (PHC) odor.	CL			0	
5					0	
	5.0 ft to 9.0 ft Gray sandy clay (CL) with orange and white mottling; stiff, slightly moist. Moderate PHC odor.	CL			0	
10					0	
	9.0 ft to 15.0 ft Brown sandy clay (CL) with gravel. No PHC odor.	CL			0	
15					0	
	15.0 ft to 20.0 ft Gray and orange sandy clay (CL); medium stiff, moist. No PHC odor.	CL			0	
20					0	
	20.0 ft to 24.0 ft Brown well graded sand with clay and gravel (SW-SC) with lens of silty sand 22.0 to 22.5 ft; moist. No PHC odor.	SW-SC			0	
	24.0 ft to 25.0 ft Gray and orange sandy clay (CL); medium stiff, moist. No PHC odor.	CL				
25						
30						

RGA Environmental, Inc.

BORING NO.: B38	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: East Edge of East Parking Lot		ELEVATION AND DATUM: None	
DRILLING AGENCY: Vironex, Inc.	DRILLER: Josh/Justin	DATE & TIME STARTED: 10/18/06 15:30	DATE & TIME FINISHED: 10/18/06 16:30
DRILLING EQUIPMENT: Geoprobe 6610 DT			
COMPLETION DEPTH: 25.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 23.0 FEET	NO. OF SAMPLES: 2 Soil, 1 Water		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	0.0 to 0.5 ft Concrete		No Well Constructed			Borehole continuously cored using a 5-ft. long 2-inch O.D. Geoprobe Macrocore Barrel Sampler. The sampler was lined with 4.8-ft long 1 3/4 in. O.D. cellulose acetate tubes. First water encountered at 23.0 ft during drilling, 10/18/06. Borehole terminated at 25.0 ft., 10/18/06. 1-in. diameter slotted PVC casing placed in borehole. Water measured at 9.5 ft in PVC casing, 16:30, 10/18/06, approx. 5 min. after removing drilling rods from borehole. Groundwater grab sample taken at 25.0 ft, using a polypropelene bailer. No odor or sheen detected on the sample. Borehole grouted with neat cement and a 4 in. surface seal of concrete 10/18/06.
	0.5 ft to 4.0 ft Black clay (CL); stiff, slightly moist. No Petroleum Hyrdocarbon (PHC) odor.	CL			0	
5	4.0 ft to 8.0 ft Green-gray sandy clay with gravel (CH); stiff, slightly moist. No PHC odor.	CH			0	
10	8.0 ft to 15.0 ft Gray sandy clay (CH) with orange mottling. No PHC odor.	CH			0	
15	15.0 ft to 17.0 ft Brown sandy clay (CL); medium stiff, moist. No PHC odor.	CL			0	
	17.0 ft to 19.0 ft Brown sandy clay (CL); soft, wet. No PHC odor.	CL			0	
20	19.0 ft to 25.0 ft Well graded sand with silt and gravel (SW-SM); dense, wet. No PHC odor.	SW-SC			0	
25					0	
30						

RGA Environmental, Inc.

BORING NO.: B39	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: West Edge of East Parking Lot		ELEVATION AND DATUM: None	
DRILLING AGENCY: Vironex, Inc.	DRILLER: Josh/Justin	DATE & TIME STARTED: 10/18/06 11:15	DATE & TIME FINISHED: 10/18/06 13:00
DRILLING EQUIPMENT: Geoprobe 6610 DT			
COMPLETION DEPTH: 25.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 23.0 FEET	NO. OF SAMPLES: 2 Soil, 1 Water		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	0.0 to 0.5 ft Concrete		No Well Constructed			Borehole hand augered to 5.0 ft. Borehole continuously cored using a 5-ft. long 2-inch O.D. Geoprobe Macrocore Barrel Sampler. The sampler was lined with 4.8-ft long 1 3/4 in. O.D. cellulose acetate tubes.
	0.5 ft to 5.0 ft Black clay with sand (CL); stiff, slightly moist. No Petroleum Hyrdocarbon (PHC) odor.	CL			0	
5					0	
	5.0 ft to 9.0 ft Gray clay with sand and gravel (CH); medium stiff, slightly moist. No PHC odor.	CH			0	
					0	
10	9.0 ft to 14.0 ft Brown-gray clay with sand (CH) with orange mottling; medium stiff, slightly moist. No PHC odor.	CH	▼		0	First water encountered at 23.0 ft during drilling, 10/18/06.
					0	
					0	Borehole terminated at 25.0 ft., 10/18/06. 1-in. diameter slotted PVC casing placed in borehole. Water measured at 9.5 ft in PVC casing, 16:30, 10/18/06, approx. 5 min. after removing drilling rods from borehole. Groundwater grab sample taken at 25.0 ft, using a polypropelene bailer. No odor or sheen detected on the sample.
	14.0 ft to 15.0 ft Brown-gray clay with sand and gravel (CH); dense, slightly moist. No PHC odor.	CH			0	
15	15.0 ft to 17.5 ft Brown clay (CL); soft, moist. No PHC odor.	CL			0	
	17.5 ft to 18.5 ft Brown sandy clay (CL); medium dense, moist. No PHC odor.	CL			0	
20	18.5 ft to 22.0 ft Brown well graded sand with silt and gravel (SW-SM); dense, slightly moist. No PHC odor.	SW-SM			0	
	22.0 ft to 23.5 ft Brown sandy clay (CL); soft, wet. No PHC odor.	CL	▽		0	Borehole grouted with neat cement and a 4 in. surface seal of concrete 10/18/06.
	23.5 ft to 25.0 ft Brown clay (CL); stiff, slightly moist. No PHC odor.	CL				
25						
30						

RGA Environmental, Inc.

BORING NO.: B40	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Southeast Area of Property in Brick Warehouse		ELEVATION AND DATUM: None	
DRILLING AGENCY: RGA Environmental, Inc.	DRILLER: Steve	DATE & TIME STARTED: 10/26/06 12:55	DATE & TIME FINISHED: 10/26/06 15:30
DRILLING EQUIPMENT: Hand Auger			
COMPLETION DEPTH: 3.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: SJC	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: None Encountered	NO. OF SAMPLES: 3 Soil		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
0	0.0 to 0.5 ft Concrete Slab		No Well Constructed			Borehole hand augered to 3.0 ft. No groundwater encountered in the borehole. Borehole terminated at 3.0 ft., 10/26/06. Borehole grouted with neat cement and a 4 in. surface seal of concrete 10/18/06.
0.5	0.5 ft to 1.0 ft Brown-black sandy clay (FILL); slightly moist. No Petroleum Hydrocarbon (PHC) odor.	FILL				
1	1.0 ft to 1.5 ft Brick (FILL).	FILL				
1.5	1.5 ft to 3.0 ft Brown-black sandy clay (CL); slightly moist. No PHC odor.	CL				
2						
3						
4						
5						
6						

RGA Environmental, Inc.

BORING NO.: B41	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: South-Southeast Area of Property Behind Door 3		ELEVATION AND DATUM: None	
DRILLING AGENCY: RGA Environmental, Inc.	DRILLER: Steve	DATE & TIME STARTED: 10/26/06 08:45	DATE & TIME FINISHED: 10/27/06 11:10
DRILLING EQUIPMENT: Hand Auger			
COMPLETION DEPTH: 3.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: SJC	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: None Encountered	NO. OF SAMPLES: 3 Soil		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	0.0 to 0.6 ft Concrete Slab		No Well Constructed			Borehole hand augered to 3.0 ft. No groundwater encountered in the borehole. Borehole terminated at 3.0 ft., 10/26/06. Borehole grouted with neat cement and a 4 in. surface seal of concrete 10/18/06.
1	0.6 ft to 2.0 ft Grey-black sandy clay (FILL); slightly moist. Very strong Petroleum Hydrocarbon (PHC) odor.	FILL				
2	2.0 ft to 2.5 ft Brick (FILL).	FILL				
	2.5 ft to 3.0 ft Black sandy clay (CL); slightly moist. Moderate PHC odor.	CL				
3						
4						
5						
6						

RGA Environmental, Inc.

BORING NO.: B42	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: South-Southeast Area of Property Behind Door 3		ELEVATION AND DATUM: None	
DRILLING AGENCY: RGA Environmental, Inc.	DRILLER: Steve	DATE & TIME STARTED: 10/26/06 10:30	DATE & TIME FINISHED: 10/26/06 12:00
DRILLING EQUIPMENT: Hand Auger			
COMPLETION DEPTH: 3.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: SJC	CHECKED BY: DM GIBBS P.G. 7804 _____
FIRST WATER DEPTH: None Encountered	NO. OF SAMPLES: 2 Soil		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	0.0 to 0.6 ft Concrete Slab		No Well Constructed			Borehole hand augered to 3.0 ft. No groundwater encountered in the borehole. Borehole terminated at 3.0 ft., 10/26/06. Borehole grouted with neat cement and a 4 in. surface seal of concrete 10/18/06.
1	0.6 to 1.2 ft Fill	FILL				
2	1.2 ft to 3.0 ft Grey-black sandy clay (CH); slightly moist. Moderate Petroleum Hydrocarbon (PHC) odor.	CH				
3						
4						
5						
6						

RGA Environmental, Inc.

BORING NO.: B43	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Inside Laundry Sorting Area		ELEVATION AND DATUM: None	
DRILLING AGENCY: RGA Environmental, Inc.	DRILLER: Steve	DATE & TIME STARTED: 10/27/06 11:00	DATE & TIME FINISHED: 10/27/06 12:00
DRILLING EQUIPMENT: Hand Auger			
COMPLETION DEPTH: 1.3 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: SJC	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: None Encountered	NO. OF SAMPLES: 1 Soil		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
0	0.0 to 0.5 ft Concrete Slab		No Well Constructed			Borehole hand augered to 1.3 ft.
1	0.5 ft to 1.3 ft Brown sandy clay (FILL) with brick dust and fill; slightly moist. No Petroleum Hydrocarbon (PHC) odor.	FILL				No groundwater encountered in the borehole.
2						Borehole terminated at 1.3 ft., 10/26/06. Borehole grouted with neat cement and a 4 in. surface seal of concrete 10/18/06.
3						
4						
5						
6						

RGA Environmental, Inc.

BORING NO.: B44	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Inside Laundry Sorting Area Main Entrance		ELEVATION AND DATUM: None	
DRILLING AGENCY: RGA Environmental, Inc.	DRILLER: Steve	DATE & TIME STARTED: 10/27/06 12:05	DATE & TIME FINISHED: 10/27/06 13:00
DRILLING EQUIPMENT: Hand Auger			
COMPLETION DEPTH: 3.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: SJC	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: None Encountered	NO. OF SAMPLES: 2 Soil		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	0.0 to 0.5 ft Concrete Slab		No Well Constructed			Borehole hand augered to 3.0 ft. No groundwater encountered in the borehole. Borehole terminated at 3.0 ft., 10/26/06. Borehole grouted with neat cement and a 4 in. surface seal of concrete 10/18/06.
1	0.5 ft to 1.8 ft Brown sandy clay (FILL); slightly moist. No Petroleum Hydrocarbon (PHC) odor.	FILL				
2	1.8 ft to 3.0 ft Grey-black gravelly clay (FILL) with brick pieces and small stones; moist. No Petroleum Hydrocarbon (PHC) odor.	FILL				
3						
4						
5						
6						

RGA Environmental, Inc.

BORING NO.: B45	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Northwest Corner of Property Inside Maintenance Shop		ELEVATION AND DATUM: None	
DRILLING AGENCY: RGA Environmental, Inc.	DRILLER: Steve	DATE & TIME STARTED: 10/26/06 12:05	DATE & TIME FINISHED: 10/26/06 14:35
DRILLING EQUIPMENT: Hand Auger			
COMPLETION DEPTH: 3.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: SJC	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: None Encountered	NO. OF SAMPLES: 2 Soil		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	0.0 to 0.5 ft Concrete Slab		No Well Constructed			Borehole hand augered to 3.0 ft. No groundwater encountered in the borehole. Borehole terminated at 3.0 ft., 10/26/06. Borehole grouted with neat cement and a 4 in. surface seal of concrete 10/18/06.
1						
2	0.5 ft to 3.0 ft Brown sandy silt (ML); slightly moist. No Petroleum Hydrocarbon (PHC) odor.	ML				
3						
4						
5						
6						

RGA Environmental, Inc.

BORING NO.: B46	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Southwest Corner of Property Inside Maintenance Shop		ELEVATION AND DATUM: None	
DRILLING AGENCY: RGA Environmental, Inc.	DRILLER: Steve	DATE & TIME STARTED: 10/27/06 16:05	DATE & TIME FINISHED: 10/30/06 10:15
DRILLING EQUIPMENT: Hand Auger			
COMPLETION DEPTH: 3.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: SJC	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: None Encountered	NO. OF SAMPLES: 2 Soil		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	0.0 to 0.4 ft Concrete Slab		No Well Constructed			Borehole hand augered to 3.0 ft.
	0.4 to 0.5 ft Fill	FILL				
	0.5 to 0.8 ft Concrete Slab					No groundwater encountered in the borehole.
1	0.8 ft to 1.2 ft Gray-black sandy silt (ML); moist. No Petroleum Hydrocarbon (PHC) odor.	ML				
	1.2 ft to 2.0 ft Gray-black clay (CL); moist. No PHC odor.	CL				Borehole terminated at 3.0 ft., 10/26/06. Borehole grouted with neat cement and a 4 in. surface seal of concrete 10/18/06.
2						
	2.0 ft to 3.0 ft Gray-black clay w/ sand (CL); moist. No PHC odor.	CL				
3						
4						
5						
6						

RGA Environmental, Inc.

BORING NO.: B47	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Southwest Corner of Building near B16		ELEVATION AND DATUM: None	
DRILLING AGENCY: RGA Environmental, Inc.	DRILLER: Steve	DATE & TIME STARTED: 10/30/06 10:20	DATE & TIME FINISHED: 10/30/06 10:40
DRILLING EQUIPMENT: Hand Auger			
COMPLETION DEPTH: 3.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: SJC	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: None Encountered	NO. OF SAMPLES: 2 Soil		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	0.0 to 0.5 ft Concrete Slab		No Well Constructed			Borehole hand augered to 3.0 ft. No groundwater encountered in the borehole. Borehole terminated at 3.0 ft., 10/26/06. Borehole grouted with neat cement and a 4 in. surface seal of concrete 10/18/06.
1	0.5 ft to 3.0 ft Brown sandy silt (ML) with gravel; dry. No Petroleum Hydrocarbon (PHC) odor.	ML				
2						
3						
4						
5						
6						

RGA Environmental, Inc.

BORING NO.: B48	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Northwest Corner of Property in Yard near MW-1		ELEVATION AND DATUM: None	
DRILLING AGENCY: RGA Environmental, Inc.	DRILLER: Steve	DATE & TIME STARTED: 10/30/06 10:20	DATE & TIME FINISHED: 10/30/06 10:40
DRILLING EQUIPMENT: Hand Auger			
COMPLETION DEPTH: 3.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: SJC	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: None Encountered	NO. OF SAMPLES: 2 Soil		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	0.0 to 0.5 ft Asphalt		No Well Constructed			Borehole hand augered to 3.0 ft. No groundwater encountered in the borehole. Borehole terminated at 3.0 ft., 10/26/06. Borehole grouted with neat cement and a 4 in. surface seal of concrete 10/18/06.
1	0.5 ft to 3.0 ft Brown-black clay w/ sand (CL); slightly moist. No Petroleum Hydrocarbon (PHC) odor.	CL				
2						
3						
4						
5						
6						

RGA Environmental, Inc.

BORING NO.: E1	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Inside Shop		ELEVATION AND DATUM: None	
DRILLING AGENCY: Gregg Drilling	DRILLER: Vince/Nick	DATE & TIME STARTED: 9/6/06	DATE & TIME FINISHED: 9/6/06
DRILLING EQUIPMENT: HSA M5T			
COMPLETION DEPTH: 26.5 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 13.0 FEET	NO. OF SAMPLES: 4 Soil		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	0 to 4 in. Concrete Slab.4 in. to 1.0 ft Sand fill (SW). 1.0 ft to 1.5 ft Brick and concrete slab.				0	
5	1.5 to 15.0 ft Gray sandy clay (CL); soft, moist. No Petroleum Hydrocarbon (PHC) odor.	CL			0 0 0 0	Borehole drilled using a 10" diameter hollow stem auger. First water encountered at 13.0 ft during drilling, 9/6/06.
10					15 0 0 0	Borehole terminated at 26.5 ft., 9/6/06.
15	15.0 to 16.5 ft Gray sandy clay (CL) with coarse sand and orange mottling; soft, moist. No PHC odor.	CL			0 0	
20	20.0 ft to 21.5 ft Brown sandy clay (CL); soft, moist. No PHC odor.	CL			0 0 0	
25	25.0 ft to 26.5 ft Brown sandy clay (CL) with orange mottling; medium dense. No PHC odor.	CL			0 0	Well screened 5 to 25 fbg. Sand to 4 fbg. Bentonite to 3 fbg. Grout to surface. Sand: #2/12 4" PVC
30						

RGA Environmental, Inc.

BORING NO.: E2	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Yard North of Former UST Location		ELEVATION AND DATUM: None	
DRILLING AGENCY: Gregg Drilling	DRILLER: Vince/Nick	DATE & TIME STARTED: 9/7/06 12:10	DATE & TIME FINISHED: 9/7/06 13:44
DRILLING EQUIPMENT: HSA M5T			
COMPLETION DEPTH: 25.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: DMG	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 13.5 FEET	NO. OF SAMPLES: 4 Soil		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
5	Air-knifed to 8 fbg. No Recovery					Location air-knifed to 8 fbg for utility clearance. Borehole drilled using a 10" diameter hollow stem auger. First water encountered at 13.5 ft during drilling, 9/7/06.
10	8.0 to 10.5 ft Gray clay (CL) with well graded fine to coarse sand; soft, moist, medium plasticity. Strong Petroleum Hydrocarbon (PHC) odor.	CL			0 5.8	Borehole terminated at 25.0 ft., 9/7/06. Water measured at 14.6 ft in PVC casing, 9/7/06, approx. 5 min. after removing auger from borehole.
	10.5 ft to 13.5 ft Red-brown clay (CL) with sand and some gray mottling; moist to wet. Mild PHC odor.	CL			0	
15	13.5 ft to 15.0 ft Red-brown clay (CL) with fine grained sand; wet.	CL			0	Well screened 5 to 25 fbg. Sand to 4 fbg. Bentonite to 3 fbg. Grout to surface. Sand: #2/12 4" PVC
	15.0 ft to 20.0 ft Red-brown clay (CL) with fine grained sand; soft, saturated.	CL			0 0	
20	20.0 ft to 22.5 ft Red-brown clay (CL) with medium to coarse grained sand; soft, wet.	CL			0 0	
	22.5 ft to 25.0 ft Red-brown clay (CL) with some well graded fine to coarse sand; dry.	CL			0	
25						
30						

RGA Environmental, Inc.

BORING NO.: E3	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Inside Building South of Loading Dock		ELEVATION AND DATUM: None	
DRILLING AGENCY: Gregg Drilling	DRILLER: Bryan/Tim	DATE & TIME STARTED: 9/7/06 14:30	DATE & TIME FINISHED: 9/7/06 14:40
DRILLING EQUIPMENT: HSA M5T			
COMPLETION DEPTH: 25.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: DMG	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 17.0 FEET	NO. OF SAMPLES: 5 Soil		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	0.75' of concrete flooring				0.0	Borehole drilled using a 10" diameter hollow stem auger. First water encountered at 17.0 ft during drilling, 9/7/06. Borehole terminated at 25.0 ft., 9/7/06. Well screened 10 to 25 fbg. Top of Sand: 9 fbg. Bentonite to: 7 fbg. Grout to surface. Sand: #2/12 4" PVC
	0.75 ft to 3.5 ft Black clayey sand (SC) with well graded fine to coarse sand; dry. No Petroleum Hydrocarbon (PHC) odor. Fill.	SC				
	3.5 ft to 5.5 ft Dark gray sand (SC) with well graded fine to coarse sand; dry. Mild PHC odor.	SC			1.4	
5						
	5.5 ft to 13.5 ft Gray-green clay (CL) with well graded fine to medium grained sand; dry. Mild PHC odor.	CL			0.4	
10						
	13.5 ft to 17.0 ft Red-brown clay (CL) with well graded fine to medium grained sand and trace black clay; dry. No PHC odor.	CL			0	
15			▽			
	17.0 ft to 23.0 ft Red-brown clay (CL) with well graded fine to medium grained sand and trace black clay; wet. No PHC odor.	CL			0	
20					0	
	23.0 ft to 25.0 ft Red-brown clay (CL) with well graded fine to medium grained sand and trace black clay; dry. No PHC odor.	CL			0	
25						
30						

RGA Environmental, Inc.

BORING NO.: E6	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Loading Dock Area		ELEVATION AND DATUM: None	
DRILLING AGENCY: Gregg Drilling	DRILLER: Vince/Nick	DATE & TIME STARTED: 9/5/06	DATE & TIME FINISHED: 9/5/06
DRILLING EQUIPMENT: HSA M5T			
COMPLETION DEPTH: 31.5 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 10.0 FEET	NO. OF SAMPLES: 5 Soil		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	Black silty clay (CL); soft, moist. No Petroleum Hydrocarbon (PHC) odor.				0	
					0	Borehole drilled using a 10" diameter hollow stem auger.
5	Gray sandy clay (CL); soft, moist. Strong PHC odor.	CL			0	
					278	First water encountered at 10.0 ft during drilling, 9/5/06.
					0	Borehole terminated at 31.5 ft., 9/5/06. Water measured at 7.9 ft in PVC casing, 4:15 p.m., 9/5/06, approx. 5 min. after removing auger from borehole.
10	10.0 to 11.5 ft Brown sandy clay (CL); medium stiff, moist. Moderate PHC odor.	CL			0	
					0	
					0	
15	15.0 to 16.5 ft Gray sandy clay (CL) with coarse sand and orange mottling; soft, moist. No PHC odor.	CL			0	Well screened 5 to 25 fbg. Sand to 4 fbg. Bentonite to 3 fbg. Grout to surface. Sand: #2/12 4" PVC
					0	
					0	
20	20.0 ft to 21.5 ft Brown sandy clay (CL); soft, moist. No PHC odor.	CL			0	
					0	
					0	
25	25.0 ft to 26.5 ft Brown sandy clay (CL) with orange mottling; medium stiff, slightly moist. No PHC odor.	CL			0	
					0	
					0	
30	(continued on page 2)					

RGA Environmental, Inc.

BORING NO.: E6	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Loading Dock Area		ELEVATION AND DATUM: None	
DRILLING AGENCY: Gregg Drilling	DRILLER: Vince/Nick	DATE & TIME STARTED: 9/5/06	DATE & TIME FINISHED: 9/5/06
DRILLING EQUIPMENT: HSA M5T			
COMPLETION DEPTH: 31.5 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 10.0 FEET	NO. OF SAMPLES: 5 Soil		

DEPTH(FT.)	DESCRIPTION (continued from page 1)	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	30.0 ft to 31.5 ft Brown sandy clay (CL) with orange mottling; medium stiff, slightly moist. No PHC odor.	CL				
5						
10						
15						
20						
25						
30						

RGA Environmental, Inc.

BORING NO.: E7	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Inside Building Southeast of Loading Dock		ELEVATION AND DATUM: None	
DRILLING AGENCY: Gregg Drilling	DRILLER: Vince/Nick	DATE & TIME STARTED: 9/7/06 08:15	DATE & TIME FINISHED: 9/7/06 11:15
DRILLING EQUIPMENT: HSA M5T			
COMPLETION DEPTH: 30.5 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: DMG	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 15.5 FEET	NO. OF SAMPLES: 5 Soil		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	Concrete flooring to 0.5 fbg. Fine grained sand w/ silt (fill) to 1.0 fbg. Brick fragments, charcoal wood to 1.5 fbg.	FILL				Borehole drilled using a 10" diameter hollow stem auger. First water encountered at 15.5 ft during drilling, 9/7/06. Borehole terminated at 30.5 ft., 9/7/06. Well screened 5 to 25 fbg. Filter Pack to : 4 fbg. Bentonite to: 2 fbg. Grout to surface. Sand: #2/12 4" PVC
5	1.5 ft to 7.0 ft Deep Brown clay (CL) with fine to medium grained sand; moist. No Petroleum Hydrocarbon (PHC) odor.	CL				
	7.0 ft to 10.0 ft Deep-brown clay (CL) with coarse grained sand and some black mottling; moist. No PHC odor	CL				
10	10.0 ft to 12.5 ft Red-brown clay (CL) with coarse grained sand and some black mottling; plastic, moist. No PHC odor	CL				
	12.5 ft to 15.5 ft Red-brown clay (CL) with trace coarse sand and trace tan-gray mottling in clay; medium plasticity. No PHC odor.	CL	▽		0.0	
15					0.0	
	15.5 ft to 23.5 ft Well graded silty clayey sand (SW-SM) with fine to coarse grained sand; wet. No PHC odor.	SW-SM				
20					0.0	
25	23.5 ft to 30.5 ft Brown sandy clay (CL) with fine to coarse grained sand and trace gravel; tight, dry to moist. No PHC odor.	CL			0.0	
30						

RGA Environmental, Inc.

BORING NO.: I1	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Inside Shop		ELEVATION AND DATUM: None	
DRILLING AGENCY: Gregg Drilling	DRILLER: Vince/Nick	DATE & TIME STARTED: 9/6/06	DATE & TIME FINISHED: 9/6/06
DRILLING EQUIPMENT: HSA M5T			
COMPLETION DEPTH: 26.5 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: EFO	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 13.0 FEET	NO. OF SAMPLES: 4 Soil		

DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	0 to 4 in. Concrete Slab. 4 in. to 1.0 ft Sand fill (SW). 1.0 ft to 1.5 ft Brick and concrete slab.	SW			0	Borehole drilled using a 10" diameter hollow stem auger.
5					0	First water encountered at 13.0 ft during drilling, 9/6/06.
					0	
					7	Borehole terminated at 26.5 ft., 9/6/06.
10	10.0 to 11.5 ft Gray/Brown silty sand (SM) with gravel; medium dense, wet. No Petroleum Hydrocarbon (PHC) odor.	SM	▽		0	Well screened 5 to 25 fbg. Sand to 4 fbg. Bentonite to 3 fbg. Grout to surface. Sand: #2/12 4" PVC
					13	
15	15.0 to 16.5 ft Brown clay (CL); medium stiff, moist. No PHC odor.	CL			0	
					0	
20	20.0 ft to 21.5 ft Brown silty sand (SM); medium dense, wet. No PHC odor.	SM			0	
					0	
					0	
25	25.0 ft to 26.5 ft Brown sandy clay (CL) with orange mottling; medium dense. No PHC odor.	CL			0	
					0	
30					0	

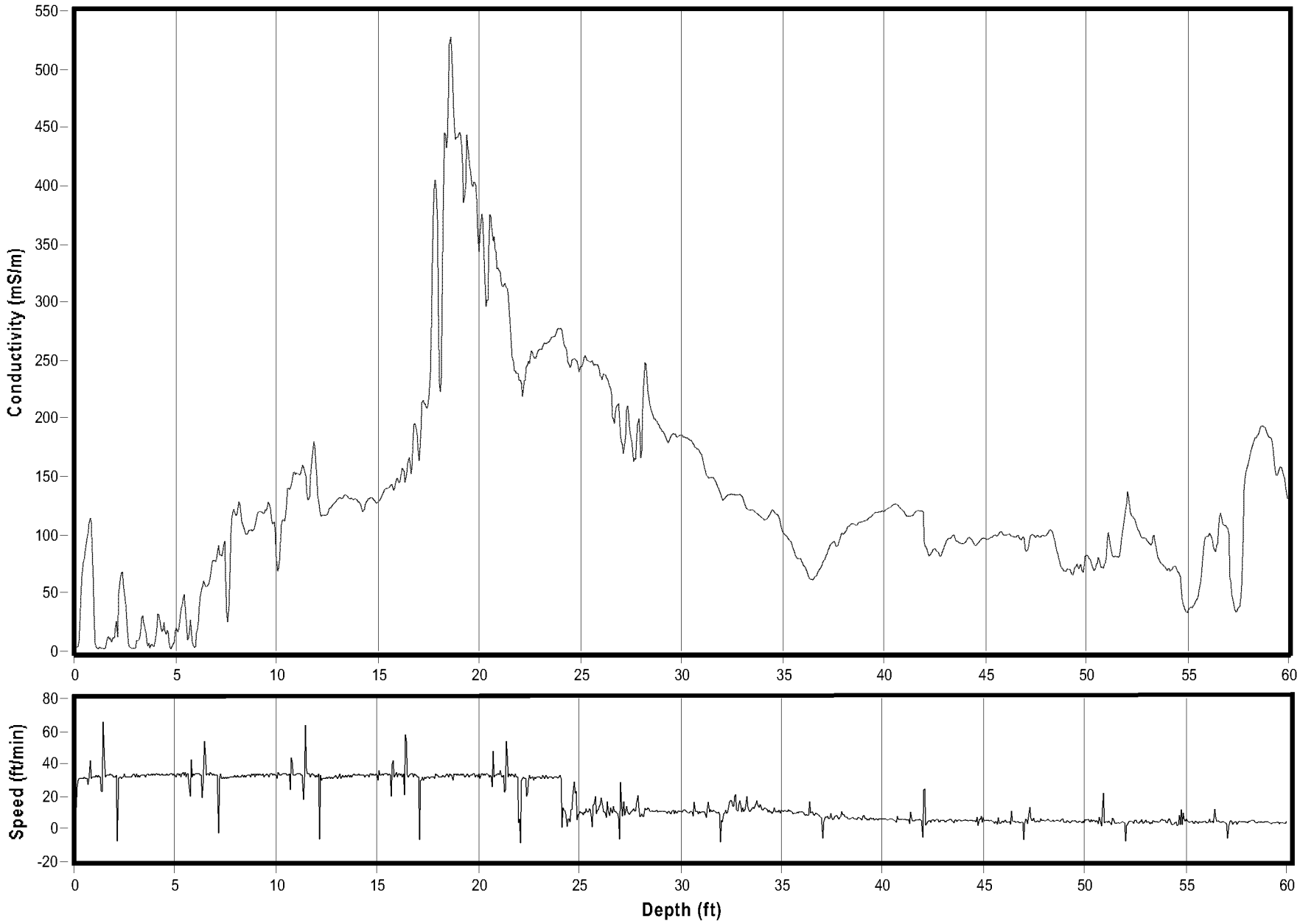
RGA Environmental, Inc.

BORING NO.: I2	PROJECT NO.: 0304	PROJECT NAME: California Linen, Oakland, CA	
BORING LOCATION: Slant Boring Beneath Loading Dock		ELEVATION AND DATUM: None	
DRILLING AGENCY: Gregg Drilling	DRILLER: Vince/Nick	DATE & TIME STARTED: 9/7/06 08:30	DATE & TIME FINISHED: 9/7/06 12:25
DRILLING EQUIPMENT: HSA M5T			
COMPLETION DEPTH: 28.0 FEET	BEDROCK DEPTH: None Encountered	LOGGED BY: DMG	CHECKED BY: DM GIBBS P.G. 7804
FIRST WATER DEPTH: 15.0 FEET	NO. OF SAMPLES: 6 Soil		

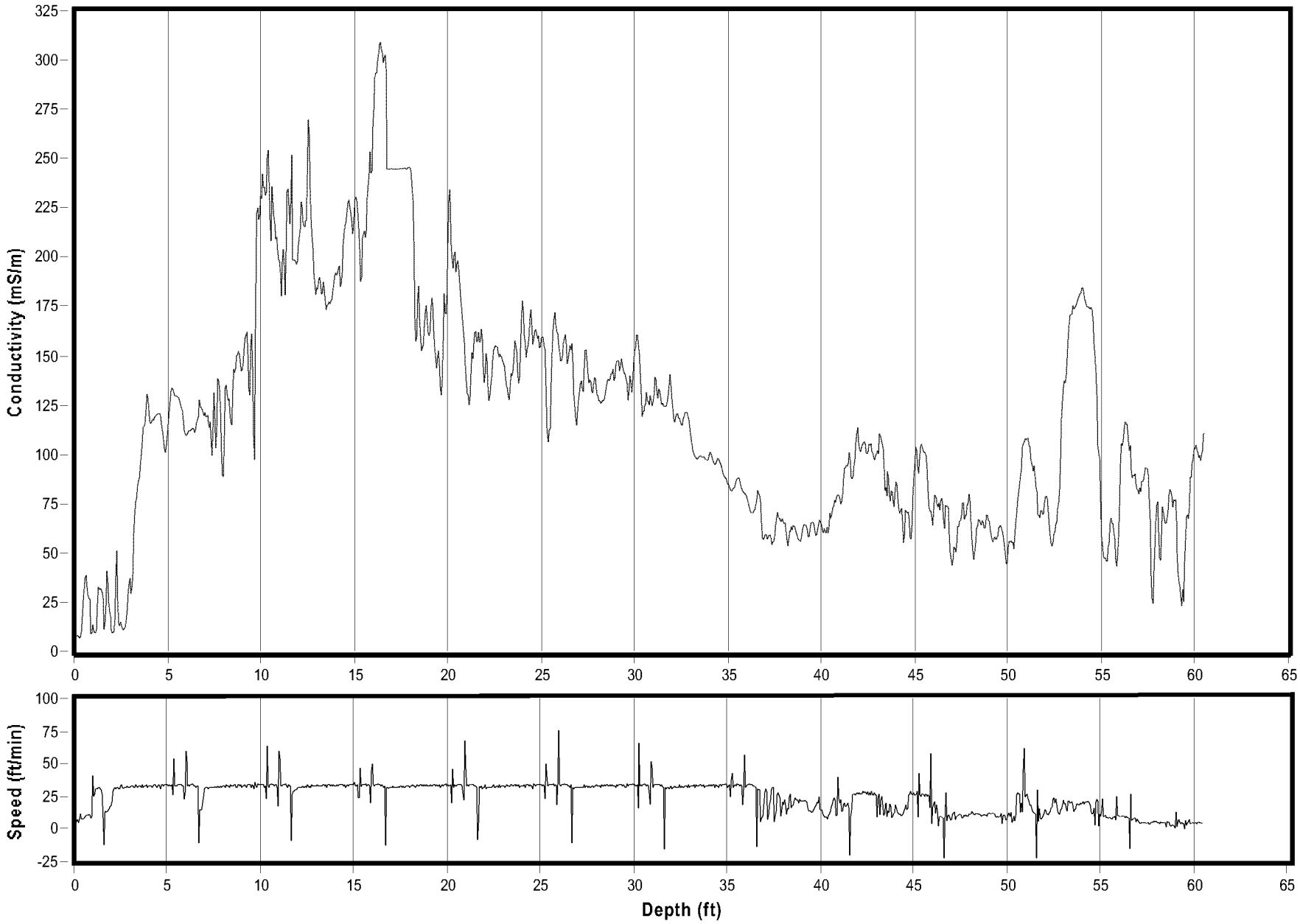
DEPTH(FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	0 to 1.5 ft Deep brown silty sand (SM) (Fill); dry	SM			0.0	Boring completed 14.5 feet from intended location on a 30° from vertical slant.
	1.5 ft to 7.5 ft Gray-green sandy clay (CL); low plasticity, dry. Strong Petroleum Hydrocarbon (PHC) odor.	CL			2.4	Borehole drilled using a 10" diameter hollow stem auger.
5					7.8	First water encountered at 15.0 ft during drilling, 9/7/06.
	7.5 ft to 8.5 ft Gray-green and red-brown clay (CL) with well graded fine to medium grained sand. Strong PHC odor.	CL				
10	8.5 ft to 12.5 ft Green well graded clayey sand (SW-SC) with fine to coarse grained sand; moist. Strong PHC odor.	SW-SC			12.2	Borehole terminated at 28.0 ft., 9/7/06.
	12.5 ft to 15.0 ft Red-brown sandy clay (CL) with some green sandy clay throughout; moist. Strong PHC odor.	CL			4.8	Well screened 22 to 27 fbg. Sand to : 21 fbg. Bentonite to: 19 fbg. Grout to surface. Sand: #2/12 2" PVC
15						
	15.0 ft to 20.0 ft Red-brown sandy clay (CL); wet. Slight PHC odor.	CL			1.4	
20					0.0	
	20.0 ft to 24.5 ft Red-brown sandy clay (CL); moist to wet. No PHC odor.	CL				
25					0.0	
	24.5 ft to 27.0 ft Red-brown sandy clay (CL); wet. No PHC odor.	CL				
	27.0 ft to 28.0 ft Red-brown clay (CL); dry. No PHC odor.	CL			0.0	
30						

SOIL ELECTRICAL CONDUCTIVITY LOGS

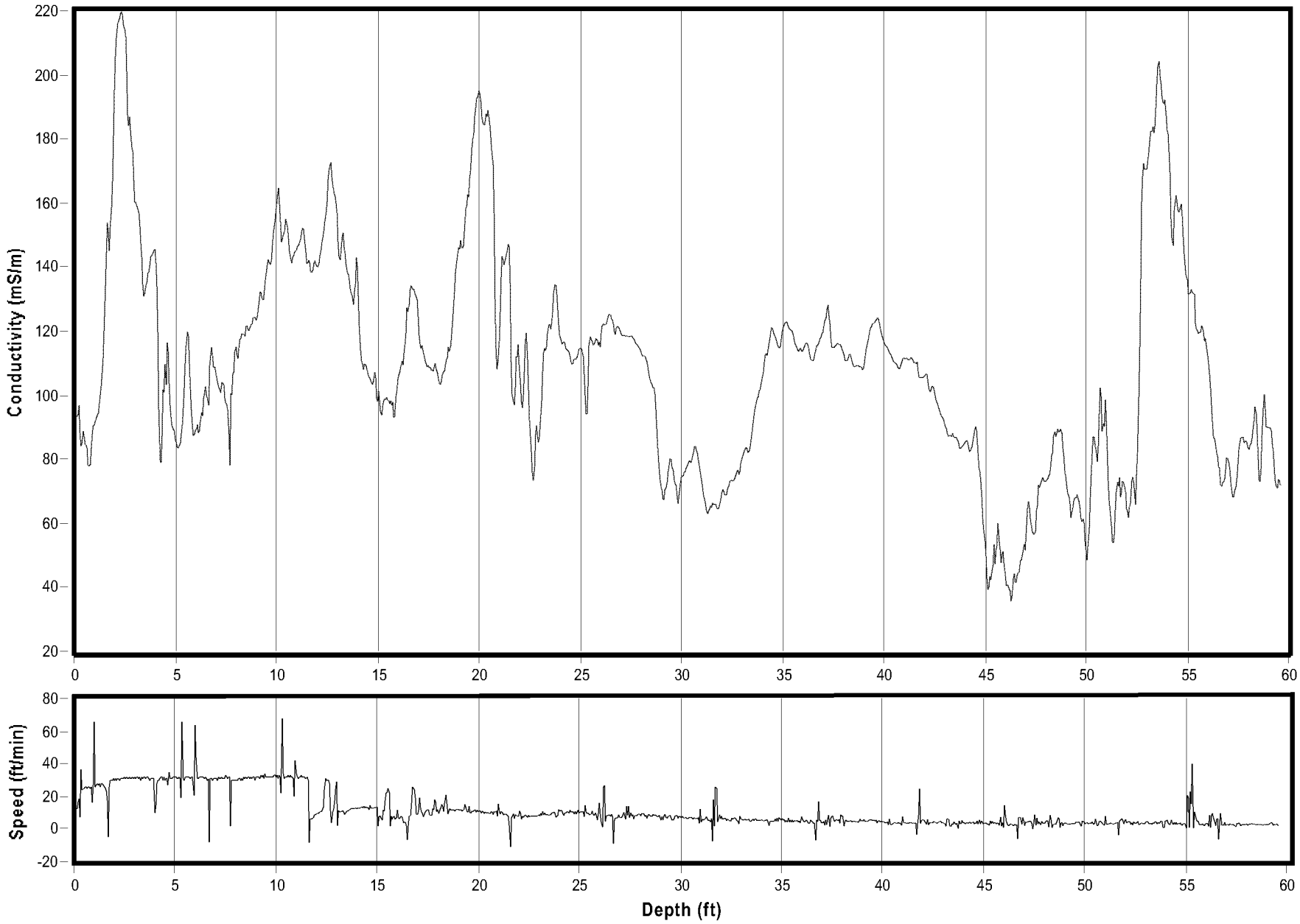
Electrical Conductivity (EC) Log B24



Electrical Conductivity (EC) Log B26



Electrical Conductivity (EC) Log B32



WELL CONSTRUCTION DIAGRAMS

RGA ENVIRONMENTAL, INC.

1466 66th St.
Emeryville, CA 94608
(510) 658-4363

WELL CONSTRUCTION DIAGRAM

PROJECT NUMBER 0304

PROJECT NAME California Linen

COUNTY Alameda

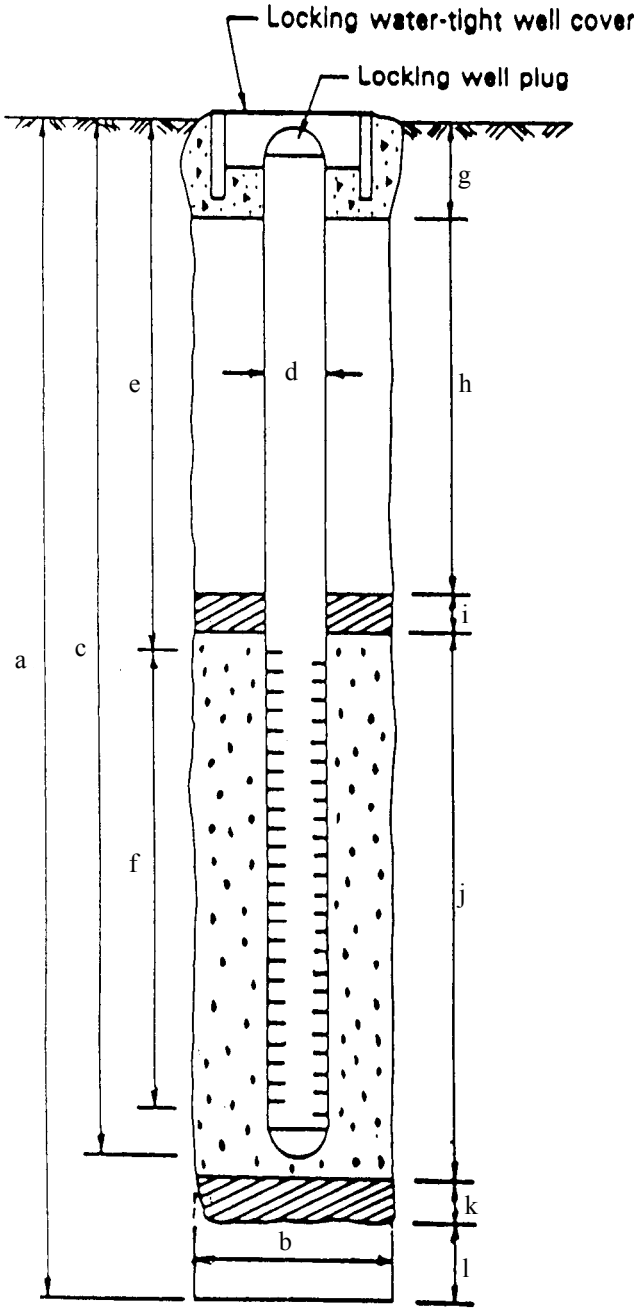
WELL PERMIT NO. W2006-0760

BORING/WELL NO. E1

TOP OF CASING ELEV. Unknown

GROUND SURFACE ELEVATION Unknown

DATUM None



EXPLORATORY BORING

a. Total depth 25 ft.

b. Diameter 10 in.

Drilling method Hollow Stem Auger

WELL CONSTRUCTION

c. Casing length 25 ft.

d. Material Schedule 40 PVC

d. Diameter 4 in.

e. Depth to top of perforations 10 ft.

f. Perforated length 15 ft.

Perforated interval from 10 to 25 ft.

Perforation type factory slot

Perforation size 0.020 in.

g. Surface sanitary seal 1 ft.

Seal material Type I-II Cement

h. Sanitary seal 7 ft.

Seal material Type I-II Cement

i. Filter pack seal 2 ft.

Seal material Bentonite

j. Filter pack length 15 ft.

Filter pack interval from 10 to 25 ft.

Pack material #2/12 sand

k. Bottom seal 0 ft.

Seal mateial None

l. Sluff in bottom of borehole 0 ft.

RGA ENVIRONMENTAL, INC.

1466 66th St.
Emeryville, CA 94608
(510) 658-4363

WELL CONSTRUCTION DIAGRAM

PROJECT NUMBER 0304

PROJECT NAME California Linen

COUNTY Alameda

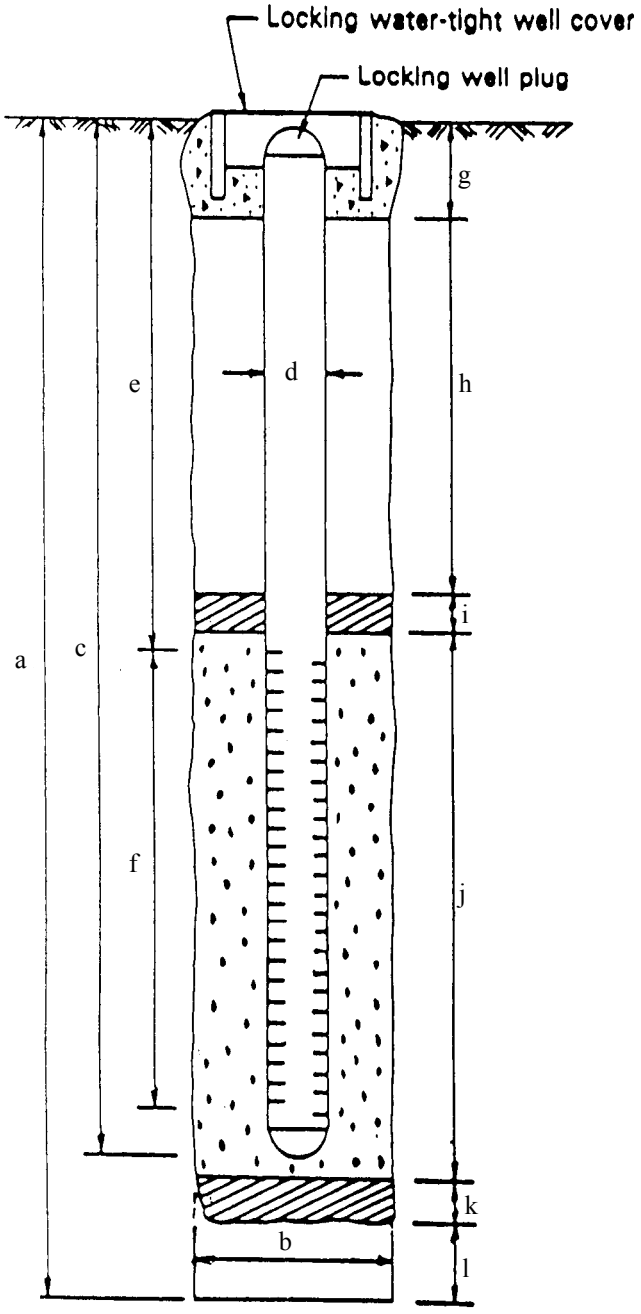
WELL PERMIT NO. W2006-0760

BORING/WELL NO. E2

TOP OF CASING ELEV. Unknown

GROUND SURFACE ELEVATION Unknown

DATUM None



EXPLORATORY BORING

a. Total depth 25 ft.

b. Diameter 10 in.

Drilling method Hollow Stem Auger

WELL CONSTRUCTION

c. Casing length 25 ft.

d. Material Schedule 40 PVC

d. Diameter 4 in.

e. Depth to top of perforations 5 ft.

f. Perforated length 20 ft.

Perforated interval from 5 to 25 ft.

Perforation type factory slot

Perforation size 0.020 in.

g. Surface sanitary seal 1 ft.

Seal material Type I-II Cement

h. Sanitary seal 2 ft.

Seal material Type I-II Cement

i. Filter pack seal 1 ft.

Seal material Bentonite

j. Filter pack length 21 ft.

Filter pack interval from 4 to 25 ft.

Pack material #2/12 sand

k. Bottom seal 0 ft.

Seal mateial None

l. Sluff in bottom of borehole 0 ft.

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(510) 658-4363

WELL CONSTRUCTION DIAGRAM

PROJECT NUMBER 0304

PROJECT NAME California Linen

COUNTY Alameda

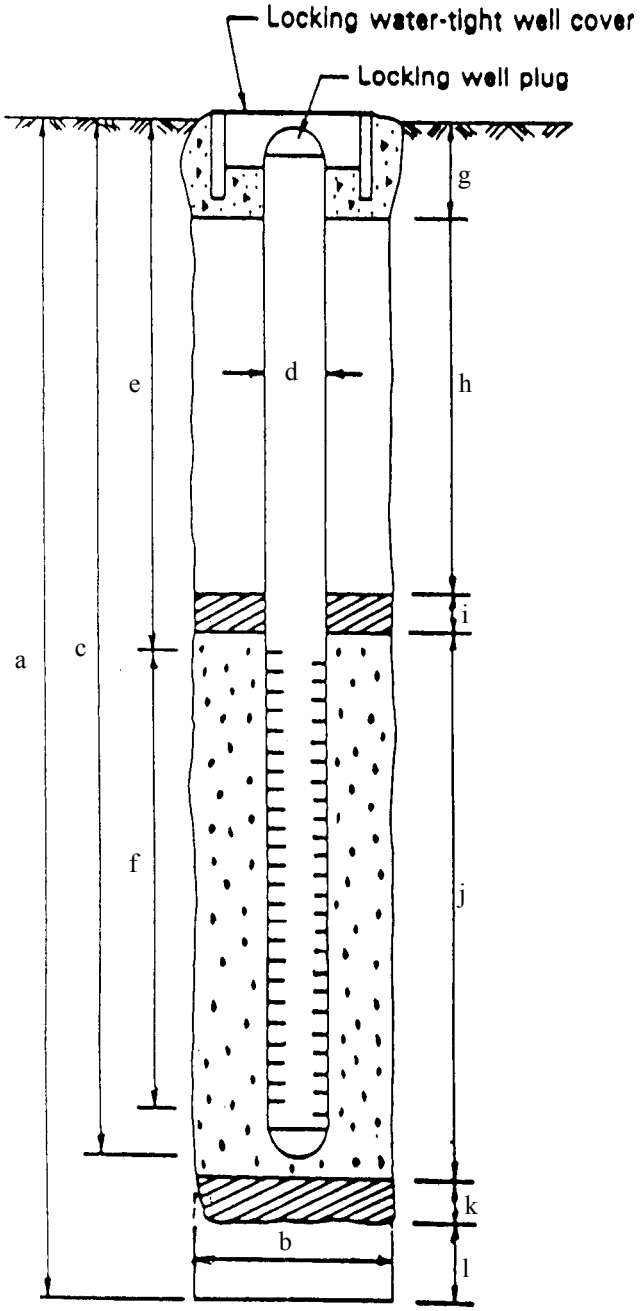
WELL PERMIT NO. W2006-0760

BORING/WELL NO. E3

TOP OF CASING ELEV. Unknown

GROUND SURFACE ELEVATION Unknown

DATUM None



EXPLORATORY BORING

a. Total depth 25 ft.

b. Diameter 10 in.

Drilling method Hollow Stem Auger

WELL CONSTRUCTION

c. Casing length 15 ft.

d. Material Schedule 40 PVC

d. Diameter 4 in.

e. Depth to top of perforations 10 ft.

f. Perforated length 15 ft.

Perforated interval from 10 to 25 ft.

Perforation type factory slot

Perforation size 0.020 in.

g. Surface sanitary seal 1 ft.

Seal material Type I-II Cement

h. Sanitary seal 6 ft.

Seal material Type I-II Cement

i. Filter pack seal 1 ft.

Seal material Bentonite

j. Filter pack length 16 ft.

Filter pack interval from 9 to 25 ft.

Pack material #2/12 sand

k. Bottom seal 0 ft.

Seal mateial None

l. Sluff in bottom of borehole 0 ft.

RGA ENVIRONMENTAL, INC.

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Emeryville, CA 94608
(510) 658-4363

WELL CONSTRUCTION DIAGRAM

PROJECT NUMBER 0304

PROJECT NAME California Linen

COUNTY Alameda

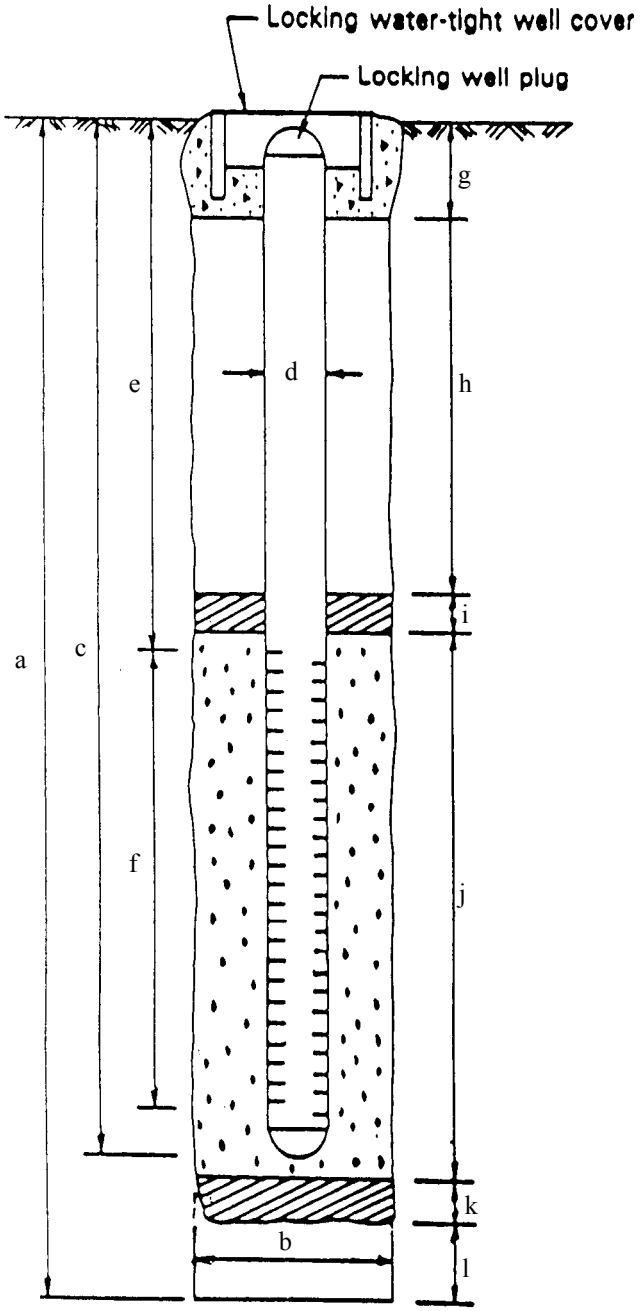
WELL PERMIT NO. W2006-0760

BORING/WELL NO. E6

TOP OF CASING ELEV. Unknown

GROUND SURFACE ELEVATION Unknown

DATUM None



EXPLORATORY BORING

a. Total depth 30 ft.

b. Diameter 10 in.

Drilling method Hollow Stem Auger

WELL CONSTRUCTION

c. Casing length 15 ft.

d. Material Schedule 40 PVC

d. Diameter 4 in.

e. Depth to top of perforations 5 ft.

f. Perforated length 15 ft.

Perforated interval from 5 to 20 ft.

Perforation type factory slot

Perforation size 0.020 in.

g. Surface sanitary seal 1 ft.

Seal material Type II-V Cement

h. Sanitary seal 2 ft.

Seal material Type II-V Cement

i. Filter pack seal 1 ft.

Seal material Bentonite

j. Filter pack length 15 ft.

Filter pack interval from 5 to 20 ft.

Pack material #2/12 sand

k. Bottom seal 4 ft.

Seal mateial Bentonite

l. Sluff in bottom of borehole 0 ft.

RGA ENVIRONMENTAL, INC.

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Emeryville, CA 94608
(510) 658-4363

WELL CONSTRUCTION DIAGRAM

PROJECT NUMBER 0304

PROJECT NAME California Linen

COUNTY Alameda

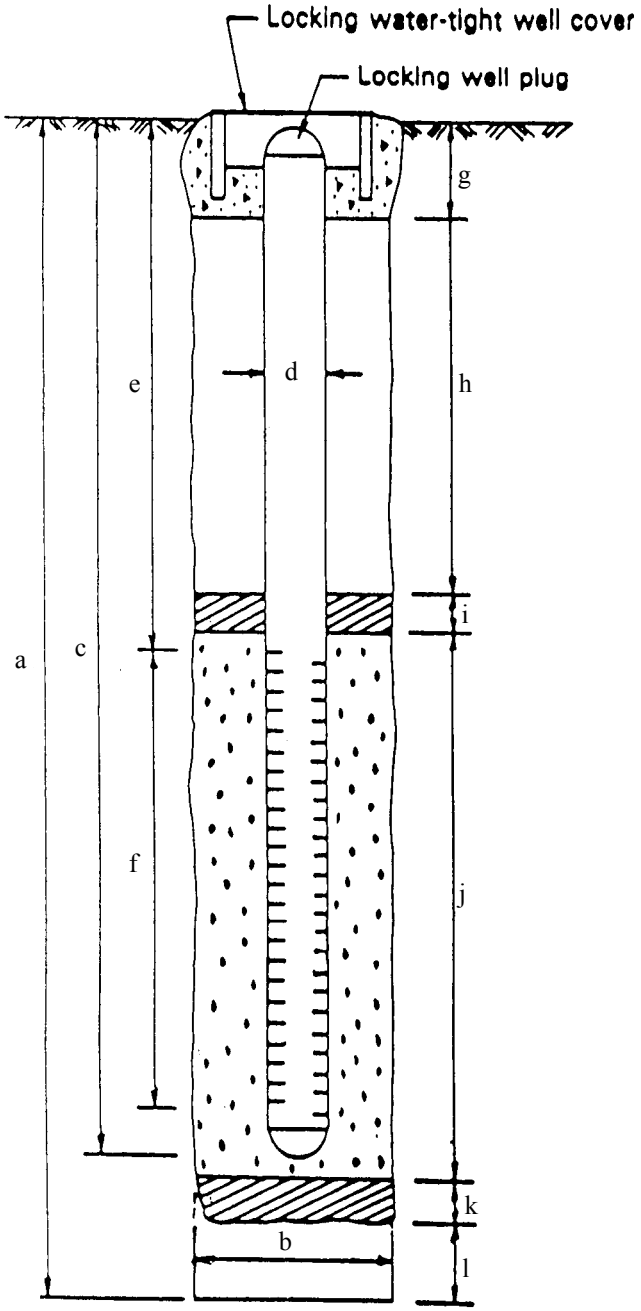
WELL PERMIT NO. W2006-0760

BORING/WELL NO. E7

TOP OF CASING ELEV. Unknown

GROUND SURFACE ELEVATION Unknown

DATUM None



EXPLORATORY BORING

a. Total depth 30.5 ft.

b. Diameter 10 in.

Drilling method Hollow Stem Auger

WELL CONSTRUCTION

c. Casing length 25 ft.

d. Material Schedule 40 PVC

d. Diameter 4 in.

e. Depth to top of perforations 5 ft.

f. Perforated length 20 ft.

Perforated interval from 5 to 25 ft.

Perforation type factory slot

Perforation size 0.020 in.

g. Surface sanitary seal 1 ft.

Seal material Type I-II Cement

h. Sanitary seal 1 ft.

Seal material Type I-II Cement

i. Filter pack seal 2 ft.

Seal material Bentonite

j. Filter pack length 21 ft.

Filter pack interval from 4 to 25 ft.

Pack material #2/12 sand

k. Bottom seal 5.5 ft.

Seal mateial Bentonite

l. Sluff in bottom of borehole 0 ft.

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Emeryville, CA 94608
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WELL CONSTRUCTION DIAGRAM

PROJECT NUMBER 0304

PROJECT NAME California Linen

COUNTY Alameda

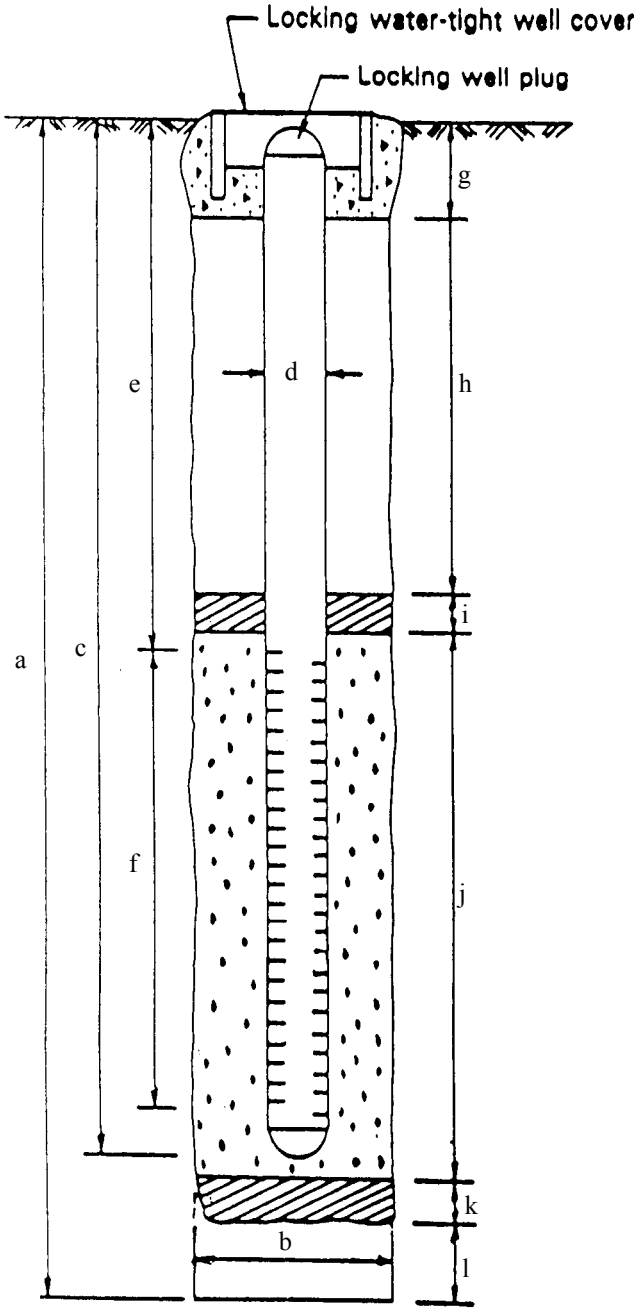
WELL PERMIT NO. W2006-0760

BORING/WELL NO. I1

TOP OF CASING ELEV. Unknown

GROUND SURFACE ELEVATION Unknown

DATUM None



EXPLORATORY BORING

a. Total depth 25 ft.

b. Diameter 8 in.

Drilling method Hollow Stem Auger

WELL CONSTRUCTION

c. Casing length 5 ft.

d. Material Schedule 40 PVC

d. Diameter 2 in.

e. Depth to top of perforations 17.5 ft.

f. Perforated length 5 ft.

Perforated interval from 17.5 to 22.5 ft.

Perforation type factory slot

Perforation size 0.020 in.

g. Surface sanitary seal 1 ft.

Seal material Type I-II Cement

h. Sanitary seal 13 ft.

Seal material Type I-II Cement

i. Filter pack seal 2 ft.

Seal material Bentonite

j. Filter pack length 5 ft.

Filter pack interval from 17.5 to 22.5 ft.

Pack material #2/12 sand

k. Bottom seal 2 ft.

Seal mateial Bentonite

l. Sluff in bottom of borehole 0 ft.

RGA ENVIRONMENTAL, INC.

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Emeryville, CA 94608
(510) 658-4363

WELL CONSTRUCTION DIAGRAM

PROJECT NUMBER 0304

PROJECT NAME California Linen

COUNTY Alameda

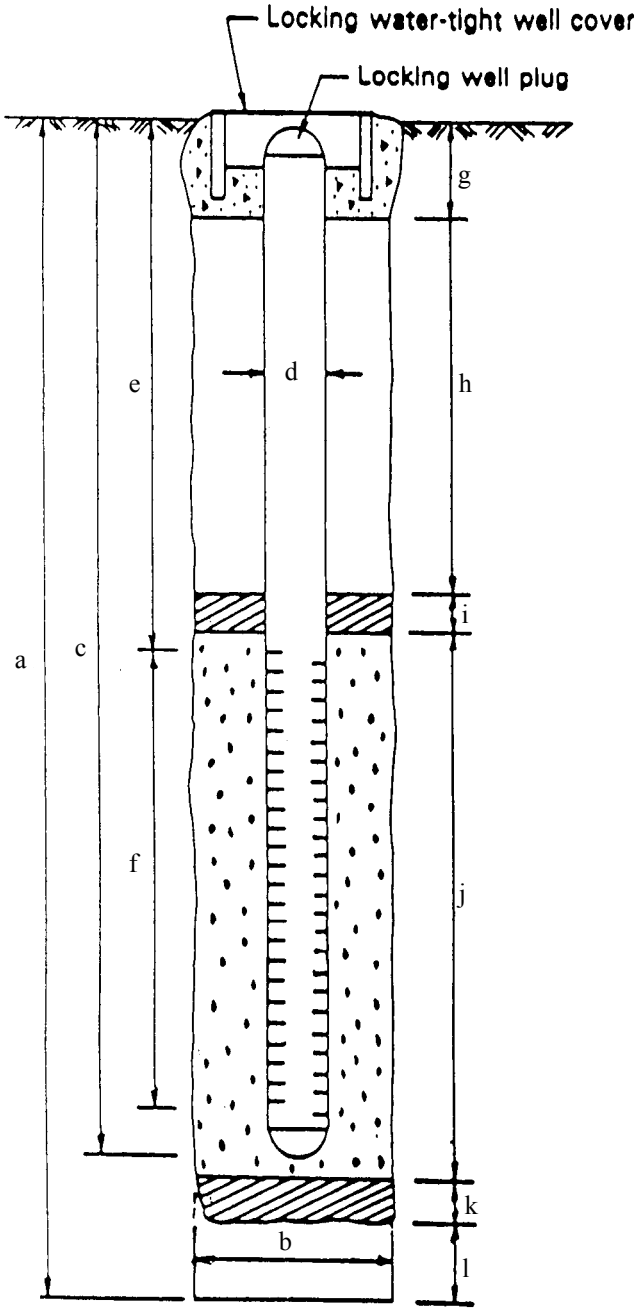
WELL PERMIT NO. W2006-0760

BORING/WELL NO. I2

TOP OF CASING ELEV. Unknown

GROUND SURFACE ELEVATION Unknown

DATUM None



EXPLORATORY BORING

a. Total depth 28 ft.
b. Diameter 8 in.
Drilling method Hollow Stem Auger on 30° Angle from Vertical

WELL CONSTRUCTION

c. Casing length 5 ft.
d. Material Schedule 40 PVC
d. Diameter 2 in.
e. Depth to top of perforations ft.
f. Perforated length 5 ft.
Perforated interval from 22 to 27 ft.
Perforation type factory slot
Perforation size 0.020 in.
g. Surface sanitary seal 1 ft.
Seal material Type I-II Cement
h. Sanitary seal 18 ft.
Seal material Type I-II Cement
i. Filter pack seal 2 ft.
Seal material Bentonite
j. Filter pack length 6 ft.
Filter pack interval from 21 to 27 ft.
Pack material #2/12 sand
k. Bottom seal 1 ft.
Seal mateial Bentonite
l. Sluff in bottom of borehole 0 ft.

*Note: All values measured along the length of the borehole.

LABORATORY REPORTS AND CHAIN OF CUSTODY DOCUMENTATION

BOREHOLE B18 - B32
SOIL RESULTS

RGA
Emeryville, CA 94608
510-658-4363
510-834-0152 fax
paul.king@rgaenv.com

CHAIN OF CUSTODY RECORD

PROJECT NUMBER: 0304

PROJECT NAME: California Liner

SAMPLED BY: (PRINTED AND SIGNATURE) Eric Olson

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH Multirange	MBTEX					PRESERVATIVE	REMARKS
B18-10.0	8-10-06		Soil		1	X	X					ICE	Normal Turnaround
B18-15.0	"		"		1	X	X					"	"
B18-19.5	"		"		1	X	X					"	"
B19-10.0	"		"		1	X	X					"	"
B19-15.0	"		"		1	X	X					"	"
B19-20.0	"		"		1	X	X					"	"
B20-7.0	"		"		1	X	X					"	"
B20-10.0	"		"		1	X	X					"	"
B20-15.0	"		"		1	X	X					"	~~HOLD~~ Normal turnaround
B20-20.0	"		"		1	X	X					"	Normal Turnaround
B22-10.0	"		"		1	X	X					"	"
B22-15.0	"		"		1	X	X					"	"
B22-20.0	"		"		1	X	X					"	"
B23-10.0	"		"		1	X	X					"	"
B23-15.0	"		"		1	X	X					"	"
B23-20.0	"		"		1	X	X					"	"

RELINQUISHED BY: (SIGNATURE) — DATE 8/11/06 — TIME 2:40 — RECEIVED BY: (SIGNATURE)

RELINQUISHED BY: (SIGNATURE) — DATE 8/10/06 — TIME 6:30 — RECEIVED BY: (SIGNATURE)

RELINQUISHED BY: (SIGNATURE) — DATE — TIME — RECEIVED FOR LABORATORY BY: (SIGNATURE)

TOTAL NO. OF SAMPLES (THIS SHIPMENT): 16

TOTAL NO. OF CONTAINERS (THIS SHIPMENT): 16

LABORATORY: McCampbell Analytical

LABORATORY CONTACT: Angela Rydelius

LABORATORY PHONE NUMBER: (925) 252-9262

SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES (X)NO

REMARKS:

ICE/t° ____

GOOD CONDITION ____ APPROPRIATE ____

HEAD SPACE ABSENT ____ CONTAINERS ____

DECHLORINATED IN LAB ____ PRESERVED IN LAB ____

PRESERVATION	VOAS	O&G	METALS	OTHER

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0608285 **ClientID: RGAE** **EDF: NO**

Report to:
Eric Olson
RGA Environmental
1466 66th Street
Emeryville, CA 94608
Email:
TEL: (510) 547-7771 FAX: (510) 547-1983
ProjectNo: #0304; California Liner
PO:

Bill to:
Accounts Payable
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Requested TAT: **5 days**

Date Received: **08/11/2006**
Date Printed: **08/11/2006**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0608285-001	B18-10.0	Soil	8/10/06	☐	A	A										
0608285-002	B18-15.0	Soil	8/10/06	☐	A	A										
0608285-003	B18-19.5	Soil	8/10/06	☐	A	A										
0608285-004	B19-10.0	Soil	8/10/06	☐	A	A										
0608285-005	B19-15.0	Soil	8/10/06	☐	A	A										
0608285-006	B19-20.0	Soil	8/10/06	☐	A	A										
0608285-007	B20-7.0	Soil	8/10/06	☐	A	A										
0608285-008	B20-10.0	Soil	8/10/06	☐	A	A										
0608285-009	B20-15.0	Soil	8/10/06	☐	A	A										
0608285-010	B20-20.0	Soil	8/10/06	☐	A	A										
0608285-011	B22-10.0	Soil	8/10/06	☐	A	A										
0608285-012	B22-15.0	Soil	8/10/06	☐	A	A										
0608285-013	B22-20.0	Soil	8/10/06	☐	A	A										
0608285-014	B23-10.0	Soil	8/10/06	☐	A	A										
0608285-015	B23-15.0	Soil	8/10/06	☐	A	A										

Test Legend:

1	G-MBTEX_S	2	TPH(DMO)_S	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Rosa Venegas

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0608285 **ClientID: RGAE** **EDF: NO**

Report to:
Eric Olson
RGA Environmental
1466 66th Street
Emeryville, CA 94608
Email:
TEL: (510) 547-7771 FAX: (510) 547-1983
ProjectNo: #0304; California Liner
PO:

Bill to:
Accounts Payable
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Requested TAT: **5 days**

Date Received: **08/11/2006**
Date Printed: **08/11/2006**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0608285-016	B23-20.0	Soil	8/10/06	☐	A	A										

Test Legend:

1	G-MBTEX_S	2	TPH(DMO)_S	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Rosa Venegas

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental	Client Project ID: #0304; California Liner	Date Sampled: 08/10/06
1466 66th Street		Date Received: 08/11/06
Emeryville, CA 94608	Client Contact: Eric Olson	Date Extracted: 08/11/06
	Client P.O.:	Date Analyzed: 08/12/06-08/13/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0608285

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	B18-10.0	S	ND	ND	ND	ND	ND	ND	1	96
002A	B18-15.0	S	ND	ND	ND	ND	ND	ND	1	94
003A	B18-19.5	S	ND	ND	ND	ND	ND	ND	1	80
004A	B19-10.0	S	ND	ND	ND	ND	ND	ND	1	85
005A	B19-15.0	S	ND	ND	ND	ND	ND	ND	1	85
006A	B19-20.0	S	ND	ND	ND	ND	ND	ND	1	93
007A	B20-7.0	S	14,g	ND	ND	ND	ND	ND	1	84
008A	B20-10.0	S	3.2,g	ND	ND	ND	ND	ND	1	92
009A	B20-15.0	S	ND	ND	ND	ND	ND	ND	1	90
010A	B20-20.0	S	41,g,m	ND	ND	ND	ND	ND	1	91
011A	B22-10.0	S	ND	ND	ND	ND	ND	ND	1	82
012A	B22-15.0	S	ND	ND	ND	ND	ND	ND	1	83
013A	B22-20.0	S	ND	ND	ND	ND	ND	ND	1	95
014A	B23-10.0	S	ND	ND	ND	ND	ND	ND	1	82
015A	B23-15.0	S	2.2,g,m	ND	ND	ND	ND	ND	1	88
016A	B23-20.0	S	ND	ND	ND	ND	ND	ND	1	85
Reporting Limit for DF =1; ND means not detected at or above the reporting limit		W	NA	NA	NA	NA	NA	NA	1	ug/L
		S	1.0	0.05	0.005	0.005	0.005	0.005	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) value derived using a client specified carbon range; o) results are reported on a dry weight basis.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #0304; California Liner	Date Sampled: 08/10/06
		Date Received: 08/11/06
	Client Contact: Eric Olson	Date Extracted: 08/11/06
	Client P.O.:	Date Analyzed 08/12/06-08/16/06

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil*

Extraction method: SW3550C Analytical methods: SW8015C Work Order: 0608285

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0608285-001A	B18-10.0	S	ND	ND	1	89
0608285-002A	B18-15.0	S	ND	ND	1	86
0608285-003A	B18-19.5	S	ND	ND	1	87
0608285-004A	B19-10.0	S	ND	ND	1	90
0608285-005A	B19-15.0	S	ND	ND	1	92
0608285-006A	B19-20.0	S	1.4,g	26	1	110
0608285-007A	B20-7.0	S	130,a,g	56	1	91
0608285-008A	B20-10.0	S	31,a	15	1	91
0608285-009A	B20-15.0	S	2.1,a	ND	1	87
0608285-010A	B20-20.0	S	330,a,g	130	1	89
0608285-011A	B22-10.0	S	2.8,g,b	6.9	1	91
0608285-012A	B22-15.0	S	ND	ND	1	87
0608285-013A	B22-20.0	S	ND	ND	1	91
0608285-014A	B23-10.0	S	3.5,g	47	1	104
0608285-015A	B23-15.0	S	1.2,d	ND	1	102
0608285-016A	B23-20.0	S	1.9,g,b	12	1	94

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L
	S	1.0	5.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel (asphalt?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range/jet fuel; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0608285

EPA Method SW8015C	Extraction SW3550C				BatchID: 23173				Spiked Sample ID 0608274-023A	
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(d)	ND	20	98.6	96.6	1.98	95.7	96.2	0.525	70 - 130	70 - 130
%SS:	109	50	92	88	4.90	90	89	1.87	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 23173 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0608285-001A	8/10/06	8/11/06	8/15/06 5:35 AM	0608285-002A	8/10/06	8/11/06	8/15/06 6:41 AM
0608285-003A	8/10/06	8/11/06	8/15/06 7:46 AM	0608285-004A	8/10/06	8/11/06	8/13/06 4:20 AM
0608285-005A	8/10/06	8/11/06	8/13/06 5:26 AM	0608285-006A	8/10/06	8/11/06	8/16/06 1:52 PM
0608285-007A	8/10/06	8/11/06	8/13/06 8:44 AM	0608285-008A	8/10/06	8/11/06	8/13/06 10:57 AM
0608285-009A	8/10/06	8/11/06	8/16/06 4:29 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification N° 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0608285

EPA Method SW8021B/8015Cm	Extraction SW5030B	BatchID: 23179	Spiked Sample ID 0608292-002A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex)£	ND	0.60	114	106	7.57	117	116	0.868	70 - 130	70 - 130
MTBE	ND	0.10	85.7	81.1	5.52	81.5	87.1	6.66	70 - 130	70 - 130
Benzene	ND	0.10	105	102	3.32	105	108	2.86	70 - 130	70 - 130
Toluene	ND	0.10	105	101	3.19	104	108	3.23	70 - 130	70 - 130
Ethylbenzene	ND	0.10	110	106	3.72	109	112	2.10	70 - 130	70 - 130
Xylenes	ND	0.30	113	110	2.99	110	110	0	70 - 130	70 - 130
%SS:	82	0.10	84	87	3.51	92	85	7.91	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 23179 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0608285-001A	8/10/06	8/11/06	8/12/06 10:16 PM	0608285-002A	8/10/06	8/11/06	8/12/06 10:48 PM
0608285-003A	8/10/06	8/11/06	8/13/06 12:26 AM	0608285-004A	8/10/06	8/11/06	8/13/06 12:59 AM
0608285-005A	8/10/06	8/11/06	8/13/06 2:04 AM	0608285-006A	8/10/06	8/11/06	8/13/06 2:36 AM
0608285-007A	8/10/06	8/11/06	8/13/06 4:45 AM	0608285-008A	8/10/06	8/11/06	8/13/06 5:17 AM
0608285-009A	8/10/06	8/11/06	8/13/06 5:49 AM	0608285-010A	8/10/06	8/11/06	8/13/06 6:53 AM
0608285-011A	8/10/06	8/11/06	8/13/06 6:21 AM	0608285-012A	8/10/06	8/11/06	8/13/06 3:21 PM
0608285-013A	8/10/06	8/11/06	8/13/06 7:58 AM	0608285-014A	8/10/06	8/11/06	8/13/06 3:55 PM
0608285-015A	8/10/06	8/11/06	8/13/06 5:36 PM	0608285-016A	8/10/06	8/11/06	8/13/06 7:50 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0608285

EPA Method SW8015C	Extraction SW3550C				BatchID: 23183			Spiked Sample ID 0608285-016A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(d)	1.9	20	94.6	92.7	1.83	101	102	0.898	70 - 130	70 - 130
%SS:	94	50	98	96	1.99	98	99	0.164	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 23183 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0608285-010A	8/10/06	8/11/06	8/13/06 1:13 PM	0608285-011A	8/10/06	8/11/06	8/13/06 2:21 PM
0608285-012A	8/10/06	8/11/06	8/13/06 4:37 PM	0608285-013A	8/10/06	8/11/06	8/13/06 5:45 PM
0608285-014A	8/10/06	8/11/06	8/16/06 10:10 AM	0608285-015A	8/10/06	8/11/06	8/16/06 6:45 AM
0608285-016A	8/10/06	8/11/06	8/12/06 9:42 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification N° 1644

QA/QC Officer

RGA Environmental, Inc.
1466 - 66th St
Emeryville, CA 94608
510-658-4363
510-834-0152 fax
paul.king@rgaenv.com

pgal 0606261

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

PROJECT NUMBER: 0304

PROJECT NAME: California Linen

SAMPLED BY: (PRINTED AND SIGNATURE) Eric Olsen

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH-Multi Range	MBTEX					PRESERVATIVE	REMARKS
B24-10.0	8-9-06		Soil		1	X	X					ICE	Normal Turnaround
B24-15.0	"		"		1	X	X					"	"
B24-20.0	"		"		1	X	X					"	"
B25-10.0	"		"		1	X	X					"	"
B25-15.0	"		"		1	X	X					"	"
B25-22.0	"		"		1	X	X					"	"
B27-10.0	"		"		1	X	X					"	"
B27-15.0	"		"		1	X	X					"	"
B27-22.0	"		"		1	X	X					"	"

ICE/t° ✓
GOOD CONDITION ✓ APPROPRIATE ✓
HEAD SPACE ABSENT ____ CONTAINERS ____
DECHLORINATED IN LAB ____ PRESERVED IN LAB ____
PRESERVATION: VOAS | O&G | METALS | OTHER

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)
	8/10/06	7:00	
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)
	8/10/06	630	Mel Vall
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)

TOTAL NO. OF SAMPLES (THIS SHIPMENT): 9
TOTAL NO. OF CONTAINERS (THIS SHIPMENT): 9

LABORATORY: McCampbell Analytical

LABORATORY CONTACT: Angela Rydelius

LABORATORY PHONE NUMBER: (925) 252 9262

SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES (✓)NO

REMARKS:

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0608261 **ClientID: RGAE** **EDF: NO**

Report to:
Eric Olson
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Email:
TEL: (510) 547-777 FAX: (510) 547-198
ProjectNo: #0304; California Linen
PO:

Bill to
Accounts Payable
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: **08/10/2006**
Date Printed: **08/10/2006**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0608261-001	B24-10.0	Soil	08/09/2006	☐	A	A										
0608261-002	B24-15.0	Soil	08/09/2006	☐	A	A										
0608261-003	B24-20.0	Soil	08/09/2006	☐	A	A										
0608261-004	B25-10.0	Soil	08/09/2006	☐	A	A										
0608261-005	B25-15.0	Soil	08/09/2006	☐	A	A										
0608261-006	B25-22.0	Soil	08/09/2006	☐	A	A										
0608261-007	B27-10.0	Soil	08/09/2006	☐	A	A										
0608261-008	B27-15.0	Soil	08/09/2006	☐	A	A										
0608261-009	B27-22.0	Soil	08/09/2006	☐	A	A										

Test Legend:

1	G-MBTEX_S	2	TPH(DMO)_S	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

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Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 08/09/06
1466 66th Street		Date Received: 08/10/06
Emeryville, CA 94608	Client Contact: Eric Olson	Date Extracted: 08/10/06
	Client P.O.:	Date Analyzed 08/12/06-08/16/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0608261

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	B24-10.0	S	14,b,m	ND	0.0055	0.019	0.013	0.051	1	104
002A	B24-15.0	S	2.3,a	ND	0.021	0.0081	0.049	0.015	1	82
003A	B24-20.0	S	ND	ND	ND	ND	ND	ND	1	94
004A	B25-10.0	S	ND	ND	ND	ND	ND	ND	1	92
005A	B25-15.0	S	ND	ND	ND	ND	ND	ND	1	81
006A	B25-22.0	S	ND	ND	ND	ND	ND	ND	1	95
007A	B27-10.0	S	ND	ND	ND	ND	ND	ND	1	91
008A	B27-15.0	S	ND	ND	ND	ND	ND	ND	1	94
009A	B27-22.0	S	ND	ND	ND	ND	ND	ND	1	94

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	NA	NA	NA	NA	1	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) value derived using a client specified carbon range; o) results are reported on a dry weight basis.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #0304; California Linen	Date Sampled: 08/09/06
		Date Received: 08/10/06
	Client Contact: Eric Olson	Date Extracted: 08/10/06
	Client P.O.:	Date Analyzed 08/12/06-08/17/06

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil*

Extraction method SW3550C Analytical methods SW8015C Work Order: 0608261

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0608261-001A	B24-10.0	S	2.4,d,b	ND	1	102
0608261-002A	B24-15.0	S	4.0,g,d	19	1	85
0608261-003A	B24-20.0	S	ND	ND	1	104
0608261-004A	B25-10.0	S	ND	ND	1	104
0608261-005A	B25-15.0	S	ND	ND	1	103
0608261-006A	B25-22.0	S	ND	ND	1	103
0608261-007A	B27-10.0	S	8.2,g,b	24	1	89
0608261-008A	B27-15.0	S	7.8,g,b	13	1	96
0608261-009A	B27-22.0	S	ND	ND	1	101

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L
	S	1.0	5.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel (asphalt?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range/jet fuel; l) bunker oil; m)

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0608261

EPA Method SW8021B/8015Cm	Extraction SW5030B	BatchID: 23159	Spiked Sample ID 0608249-003A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex)£	ND	0.60	108	108	0	111	107	4.35	70 - 130	70 - 130
MTBE	ND	0.10	100	104	3.50	71.9	77.4	7.35	70 - 130	70 - 130
Benzene	ND	0.10	94.5	98.4	4.05	111	93.6	16.6	70 - 130	70 - 130
Toluene	ND	0.10	81.7	84.3	3.20	113	98.1	13.7	70 - 130	70 - 130
Ethylbenzene	ND	0.10	99.3	102	3.21	114	117	2.46	70 - 130	70 - 130
Xylenes	ND	0.30	91	95.3	4.65	117	120	2.82	70 - 130	70 - 130
%SS:	99	0.10	95	94	1.06	101	103	2.08	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 23159 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0608261-001A	8/09/06	8/10/06	3/16/06 10:46 PM	0608261-002A	8/09/06	8/10/06	8/12/06 4:54 AM
0608261-003A	8/09/06	8/10/06	8/12/06 5:23 AM	0608261-004A	8/09/06	8/10/06	8/12/06 5:53 AM
0608261-005A	8/09/06	8/10/06	8/12/06 4:33 AM	0608261-006A	8/09/06	8/10/06	8/12/06 5:05 AM
0608261-007A	8/09/06	8/10/06	8/15/06 8:53 AM	0608261-008A	8/09/06	8/10/06	8/12/06 6:41 AM
0608261-009A	8/09/06	8/10/06	8/12/06 7:14 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0608261

EPA Method SW8015C	Extraction SW3550C				BatchID: 23163			Spiked Sample ID 0608260-004A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(d)	ND	20	123	123	0	123	122	1.33	70 - 130	70 - 130
%SS:	102	50	103	102	0.936	105	104	1.24	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 23163 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0608261-001A	8/09/06	8/10/06	8/15/06 11:56 PM	0608261-002A	8/09/06	8/10/06	8/15/06 10:48 PM
0608261-003A	8/09/06	8/10/06	8/12/06 10:50 AM	0608261-004A	8/09/06	8/10/06	8/12/06 12:02 PM
0608261-005A	8/09/06	8/10/06	8/12/06 1:16 PM	0608261-006A	8/09/06	8/10/06	8/12/06 4:06 PM
0608261-007A	8/09/06	8/10/06	8/16/06 1:05 AM	0608261-008A	8/09/06	8/10/06	8/15/06 11:23 PM
0608261-009A	8/09/06	8/10/06	8/17/06 4:41 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification N° 1644

QA/QC Officer

RGA Environmental, Inc.
1466 - 66th St
Emeryville, CA 94608
510-658-4363
510-834-0152 fax
paul.king@rgaenv.com

pgal 0608222

CHAIN OF CUSTODY RECORD

PAGE ___ OF ___

PROJECT NUMBER: 0304

PROJECT NAME: California Linen

SAMPLED BY: (PRINTED AND SIGNATURE) Eric Olson

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH Multirange	MBTEX					PRESERVATIVE	REMARKS
B21-10.0	8/8/06		Soil		1	X	X					ICE	Normal Turnaround
B21-15.0	"		"		1	X	X					"	"
B21-22.0	"		"		1	X	X					"	"
B29-6.5	"		"		1	X	X					"	"
B29-10.0	"		"		1	X	X					"	"
B29-15.0	"		"		1	X	X					"	"
B29-20.0	"		"		1	X	X					"	"
B30-10.0	"		"		1	X	X					"	"
B30-15.0	"		"		1	X	X					"	"
B30-20.0	"		"		1	X	X					"	"

ICE/t° _____
GOOD CONDITION _____ APPROPRIATE
HEAD SPACE ABSENT _____ CONTAINERS _____
DECHLORINATED IN LAB _____ PRESERVED IN LAB _____
PRESERVATION ~~VOAS~~ | ~~O&G~~ | ~~METALS~~ | ~~OTHER~~

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)
	8/9/06	8:00	
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)
	8/9/06	5:55	
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)

TOTAL NO. OF SAMPLES (THIS SHIPMENT): 10
TOTAL NO. OF CONTAINERS (THIS SHIPMENT): 10

LABORATORY: McCampbell Analytical

LABORATORY CONTACT: Angela Rydelius

LABORATORY PHONE NUMBER: (925) 252-9262

SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES (X)NO

REMARKS:

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0608222 **ClientID: RGAE** **EDF: NO**

Report to:
Eric Olson
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Email:
TEL: (510) 547-777 FAX: (510) 547-198
ProjectNo: #0304; California Linen
PO:

Bill to
Accounts Payable
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: **08/09/2006**
Date Printed: **08/09/2006**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0608222-001	B21-10.0	Soil	08/08/2006	☐	A	A										
0608222-002	B21-15.0	Soil	08/08/2006	☐	A	A										
0608222-003	B21-22.0	Soil	08/08/2006	☐	A	A										
0608222-004	B29-6.5	Soil	08/08/2006	☐	A	A										
0608222-005	B29-10.0	Soil	08/08/2006	☐	A	A										
0608222-006	B29-15.0	Soil	08/08/2006	☐	A	A										
0608222-007	B29-20.0	Soil	08/08/2006	☐	A	A										
0608222-008	B30-10.0	Soil	08/08/2006	☐	A	A										
0608222-009	B30-15.0	Soil	08/08/2006	☐	A	A										
0608222-010	B30-20.0	Soil	08/08/2006	☐	A	A										

Test Legend:

1	G-MBTEX_S	2	TPH(DMO)_S	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 08/08/06
1466 66th Street		Date Received: 08/09/06
Emeryville, CA 94608	Client Contact: Eric Olson	Date Extracted: 08/09/06
	Client P.O.:	Date Analyzed 08/10/06-08/12/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0608222

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	B21-10.0	S	ND	ND	ND	ND	ND	ND	1	103
002A	B21-15.0	S	ND	ND	ND	ND	ND	ND	1	104
003A	B21-22.0	S	ND	ND	ND	ND	ND	ND	1	105
004A	B29-6.5	S	ND	ND	ND	ND	ND	ND	1	109
005A	B29-10.0	S	ND	ND	ND	ND	ND	ND	1	106
006A	B29-15.0	S	ND	ND	ND	ND	ND	ND	1	98
007A	B29-20.0	S	ND	ND	ND	ND	ND	ND	1	82
008A	B30-10.0	S	ND	ND	ND	ND	ND	ND	1	80
009A	B30-15.0	S	ND	ND	ND	ND	ND	ND	1	81
010A	B30-20.0	S	ND	ND	ND	ND	ND	ND	1	100

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	NA	NA	NA	NA	1	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) value derived using a client specified carbon range; o) results are reported on a dry weight basis.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #0304; California Linen	Date Sampled: 08/08/06
		Date Received: 08/09/06
	Client Contact: Eric Olson	Date Extracted: 08/09/06
	Client P.O.:	Date Analyzed 08/11/06-08/16/06

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil*

Extraction method SW3550C Analytical methods SW8015C Work Order: 0608222

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0608222-001A	B21-10.0	S	ND	ND	1	96
0608222-002A	B21-15.0	S	ND	ND	1	96
0608222-003A	B21-22.0	S	ND	ND	1	97
0608222-004A	B29-6.5	S	9.3,g,b	53	2	90
0608222-005A	B29-10.0	S	ND	ND	1	96
0608222-006A	B29-15.0	S	1.5,g,b	8.3	1	95
0608222-007A	B29-20.0	S	ND	ND	1	95
0608222-008A	B30-10.0	S	ND	ND	1	98
0608222-009A	B30-15.0	S	ND	ND	1	97
0608222-010A	B30-20.0	S	2.1,g	13	1	108

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L
	S	1.0	5.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel (asphalt?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range/jet fuel; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0608222

EPA Method: SW8021B/8015Cm	Extraction: SW5030B	BatchID: 23124	Spiked Sample ID 0608206-001a

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex)£	ND	0.60	79.4	80.5	1.37	78.4	103	27.5	70 - 130	70 - 130
MTBE	ND	0.10	85.4	85.4	0	86.8	77.8	10.9	70 - 130	70 - 130
Benzene	ND	0.10	103	105	1.57	105	98.1	7.17	70 - 130	70 - 130
Toluene	ND	0.10	103	106	2.13	105	102	3.00	70 - 130	70 - 130
Ethylbenzene	ND	0.10	108	108	0	111	108	2.61	70 - 130	70 - 130
Xylenes	ND	0.30	110	110	0	110	110	0	70 - 130	70 - 130
%SS:	105	0.10	97	100	3.05	101	97	4.04	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 23124 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0608222-001A	8/08/06	8/09/06	8/11/06 1:10 AM	0608222-002A	8/08/06	8/09/06	8/11/06 1:40 AM
0608222-003A	8/08/06	8/09/06	8/11/06 2:10 AM	0608222-004A	8/08/06	8/09/06	8/12/06 8:18 PM
0608222-005A	8/08/06	8/09/06	8/11/06 3:10 AM	0608222-006A	8/08/06	8/09/06	8/11/06 5:51 PM
0608222-007A	8/08/06	8/09/06	8/11/06 6:52 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0608222

EPA Method: SW8021B/8015Cm	Extraction: SW5030B	BatchID: 23139	Spiked Sample ID 0608222-010A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex)£	ND	0.60	110	106	3.61	82.7	82	0.848	70 - 130	70 - 130
MTBE	ND	0.10	111	119	6.92	83	83.6	0.745	70 - 130	70 - 130
Benzene	ND	0.10	101	107	6.56	106	109	2.42	70 - 130	70 - 130
Toluene	ND	0.10	84.7	90.5	6.61	107	109	2.19	70 - 130	70 - 130
Ethylbenzene	ND	0.10	101	105	3.66	111	114	2.32	70 - 130	70 - 130
Xylenes	ND	0.30	94.7	96	1.40	113	117	2.90	70 - 130	70 - 130
%SS:	100	0.10	100	103	3.04	103	104	1.00	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 23139 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0608222-008A	8/08/06	8/09/06	8/11/06 7:23 PM	0608222-009A	8/08/06	8/09/06	8/11/06 8:24 PM
0608222-010A	8/08/06	8/09/06	8/10/06 5:01 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0608222

EPA Method SW8015C	Extraction SW3550C				BatchID: 23085			Spiked Sample ID 0608146-021A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(d)	ND	20	100	112	11.0	107	108	0.497	70 - 130	70 - 130
%SS:	92	50	86	100	14.7	107	107	0	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 23085 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0608222-001A	8/08/06	8/09/06	8/11/06 8:56 PM	0608222-002A	8/08/06	8/09/06	8/12/06 8:52 PM
0608222-003A	8/08/06	8/09/06	3/11/06 10:04 PM	0608222-004A	8/08/06	8/09/06	3/16/06 10:10 AM
0608222-005A	8/08/06	8/09/06	8/13/06 1:25 AM	0608222-006A	8/08/06	8/09/06	8/12/06 7:43 PM
0608222-007A	8/08/06	8/09/06	3/12/06 10:00 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification N° 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

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Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0608222

EPA Method SW8015C	Extraction SW3550C				BatchID: 23141			Spiked Sample ID 0608222-010A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(d)	2.1	20	129	123	3.76	112	112	0	70 - 130	70 - 130
%SS:	108	50	105	103	2.76	110	111	0.905	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 23141 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0608222-008A	8/08/06	8/09/06	3/12/06 11:08 PM	0608222-009A	8/08/06	8/09/06	3/13/06 12:17 AM
0608222-010A	8/08/06	8/09/06	8/11/06 2:17 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

RGA
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Emeryville, CA 94608
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510-834-0152 fax
paul.king@rgaenv.com

06082294

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

PROJECT NUMBER: 0304

PROJECT NAME: California Limes

SAMPLED BY: (PRINTED AND SIGNATURE) Eric Olson

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH Multi-range	MBTEX	PRESERVATIVE	REMARKS
B26-10.0	8-1-06		Soil		1	X	X	ICE	Normal Turnaround
B26-15.0			"		1	X	X	"	"
B26-20.0			"		1	X	X	"	"
B31-10.0			"		1	X	X	"	"
B31-15.0			"		1	X	X	"	"
B31-20.0			"		1	X	X	"	"
B32-10.0			"		1	X	X	"	"
B32-15.0			"		1	X	X	"	"
B32-20.0			"		1	X	X	"	"

ICE? ✓
GOOD CONDITION ✓ APPROPRIATE CONTAINERS ✓
HEAD SPACE ABSENT ____ PRESERVED IN LAB ____
DECHLORINATED IN LAB ____

PRESERVATION	VOAS	O&G	METALS	OTHER

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	TOTAL NO. OF SAMPLES (THIS SHIPMENT)	9	LABORATORY:
Eric Olson	8/11	9:45		TOTAL NO. OF CONTAINERS (THIS SHIPMENT)	9	McCampbell Analytical
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	LABORATORY CONTACT:		LABORATORY PHONE NUMBER:
				Angela Rydelius		(925) 252 9262
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)	SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES (✓)NO		

REMARKS:

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0608294 **ClientID: RGAE** **EDF: NO**

Report to:
Eric Olson
RGA Environmental
1466 66th Street
Emeryville, CA 94608
Email:
TEL: (510) 547-7771 FAX: (510) 547-1983
ProjectNo: #0304; California Linen
PO:

Bill to:
Accounts Payable
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Requested TAT: **5 days**

Date Received: **08/11/2006**
Date Printed: **08/14/2006**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0608294-001	B26-10.0	Soil	8/11/06	☐	A	A										
0608294-002	B26-15.0	Soil	8/11/06	☐	A	A										
0608294-003	B26-20.0	Soil	8/11/06	☐	A	A										
0608294-004	B31-10.0	Soil	8/11/06	☐	A	A										
0608294-005	B31-15.0	Soil	8/11/06	☐	A	A										
0608294-006	B31-20.0	Soil	8/11/06	☐	A	A										
0608294-007	B32-10.0	Soil	8/11/06	☐	A	A										
0608294-008	B32-15.0	Soil	8/11/06	☐	A	A										
0608294-009	B32-20.0	Soil	8/11/06	☐	A	A										

Test Legend:

1	G-MBTEX_S	2	TPH(DMO)_S	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

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Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 08/11/06
1466 66th Street		Date Received: 08/11/06
Emeryville, CA 94608	Client Contact: Eric Olson	Date Extracted: 08/14/06
	Client P.O.:	Date Analyzed 08/14/06-08/15/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0608294

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	B26-10.0	S	ND	ND	ND	ND	ND	ND	1	96
002A	B26-15.0	S	ND	ND	ND	ND	ND	ND	1	97
003A	B26-20.0	S	ND	ND	ND	ND	ND	ND	1	94
004A	B31-10.0	S	ND	ND	ND	ND	ND	ND	1	93
005A	B31-15.0	S	ND	ND	ND	ND	ND	0.015	1	107
006A	B31-20.0	S	ND	ND	ND	ND	ND	ND	1	91
007A	B32-10.0	S	ND	ND	ND	ND	ND	ND	1	101
008A	B32-15.0	S	ND	ND	ND	ND	ND	ND	1	98
009A	B32-20.0	S	ND	ND	ND	ND	ND	0.0050	1	96

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	NA	NA	NA	NA	1	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) value derived using a client specified carbon range; o) results are reported on a dry weight basis.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #0304; California Linen	Date Sampled: 08/11/06
		Date Received: 08/11/06
	Client Contact: Eric Olson	Date Extracted: 08/14/06
	Client P.O.:	Date Analyzed 08/15/06-08/18/06

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil*

Extraction method SW3550C Analytical methods SW8015C Work Order: 0608294

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0608294-001A	B26-10.0	S	ND	ND	1	87
0608294-002A	B26-15.0	S	ND	ND	1	87
0608294-003A	B26-20.0	S	ND	ND	1	88
0608294-004A	B31-10.0	S	ND	ND	1	94
0608294-005A	B31-15.0	S	1.7,g,b	6.4	1	91
0608294-006A	B31-20.0	S	ND	ND	1	107
0608294-007A	B32-10.0	S	8.1,g,b	25	2	86
0608294-008A	B32-15.0	S	ND	ND	1	105
0608294-009A	B32-20.0	S	ND	ND	1	106

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L
	S	1.0	5.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel (asphalt?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range/jet fuel; l) bunker oil; m)

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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"When Quality Counts"

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0608294

EPA Method SW8021B/8015Cm	Extraction SW5030B	BatchID: 23190	Spiked Sample ID 0608299-002A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex)£	ND	0.60	106	106	0	102	107	5.06	70 - 130	70 - 130
MTBE	ND	0.10	112	108	3.51	111	112	0.835	70 - 130	70 - 130
Benzene	ND	0.10	113	104	8.08	108	103	4.76	70 - 130	70 - 130
Toluene	ND	0.10	90	86.2	4.29	90.5	86.6	4.39	70 - 130	70 - 130
Ethylbenzene	ND	0.10	104	103	1.10	107	103	3.63	70 - 130	70 - 130
Xylenes	ND	0.30	95.7	95.7	0	100	95.7	4.43	70 - 130	70 - 130
%SS:	89	0.10	98	90	8.51	98	92	6.32	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 23190 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0608294-001A	8/11/06	8/14/06	8/14/06 4:27 PM	0608294-002A	8/11/06	8/14/06	8/14/06 5:01 PM
0608294-003A	8/11/06	8/14/06	8/14/06 6:42 PM	0608294-004A	8/11/06	8/14/06	8/14/06 7:16 PM
0608294-005A	8/11/06	8/14/06	8/15/06 9:36 PM	0608294-006A	8/11/06	8/14/06	8/14/06 7:00 PM
0608294-007A	8/11/06	8/14/06	8/14/06 7:30 PM	0608294-008A	8/11/06	8/14/06	8/14/06 8:01 PM
0608294-009A	8/11/06	8/14/06	8/14/06 8:31 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0608294

EPA Method SW8015C	Extraction SW3550C				BatchID: 23183			Spiked Sample ID 0608285-016A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(d)	1.9	20	94.6	92.7	1.83	101	102	0.898	70 - 130	70 - 130
%SS:	94	50	98	96	1.99	98	99	0.164	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 23183 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0608294-001A	8/11/06	8/14/06	8/16/06 12:44 AM	0608294-002A	8/11/06	8/14/06	8/16/06 1:50 AM
0608294-003A	8/11/06	8/14/06	8/16/06 2:56 AM	0608294-004A	8/11/06	8/14/06	8/16/06 2:04 PM
0608294-005A	8/11/06	8/14/06	8/18/06 2:11 AM	0608294-006A	8/11/06	8/14/06	8/16/06 1:50 AM
0608294-007A	8/11/06	8/14/06	8/18/06 4:28 AM	0608294-008A	8/11/06	8/14/06	8/16/06 2:56 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0608294

EPA Method SW8015C	Extraction SW3550C				BatchID: 23191			Spiked Sample ID 0608294-009A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(d)	ND	20	103	111	6.98	98.4	108	8.82	70 - 130	70 - 130
%SS:	106	50	92	110	18.1	90	99	9.89	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 23191 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0608294-009A	8/11/06	8/14/06	8/15/06 12:22 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

WELLS E1, E6, I1
SOIL SAMPLE RESULTS

RGA Environmental, Inc.
1466 - 66th St
Emeryville, CA 94608
510-658-4363
510-834-0152 fax
paul.king@rgaenv.com

pgac 06c9201

CHAIN OF CUSTODY RECORD

PAGE ___ OF ___

PROJECT NUMBER: 0304

PROJECT NAME: California Linen

SAMPLED BY: (PRINTED AND SIGNATURE) Eric Olson

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH Multirange + MBTEX	PRESERVATIVE	REMARKS
E1-10.5	9-6-06		Soil		1	X	ICE	Normal Turnaround
E1-15.5	"		"		1		"	HOLD
E1-20.5	"		"		1		"	"
E1-25.5	"		"		1		"	"
E6-10.5	9-5-06		"		1	X	"	Normal Turnaround
E6-15.5	"		"		1		"	HOLD
E6-20.5	"		"		1		"	"
E6-25.5	"		"		1		"	"
E6-30.5	"		"		1		"	"
I1-10.5	9-6-06		"		1	X	"	Normal Turnaround
I1-15.5	"		"		1		"	HOLD
I1-20.5	"		"		1		"	"
I1-25.5	"		"		1		"	"

ICE/T ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
PRESERVATION

APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

VOAS	O&G	METALS	OTHER

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)
Eric Olson	9/6/06	1300	
	9/6/06	315	
	9/6/06	3:15	

RECEIVED FOR LABORATORY BY: (SIGNATURE) Mel Vall

REMARKS:

TOTAL NO. OF SAMPLES (THIS SHIPMENT): 13
TOTAL NO. OF CONTAINERS (THIS SHIPMENT): 13

LABORATORY: McCampbell Analytical

LABORATORY CONTACT: Angela Rydelius

LABORATORY PHONE NUMBER: (925) 252-9262

SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES (X)NO

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0609201 **ClientID: RGAE** **EDF: NO**

Report to:
Eric Olson
RGA Environmental
1466 66th Street
Emeryville, CA 94608
Email:
TEL: (510) 547-7771 FAX: (510) 547-1983
ProjectNo: #0304; California Linen
PO:

Bill to:
Accounts Payable
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Requested TAT: **5 days**
Date Received: **09/11/2006**
Date Printed: **09/11/2006**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
0609201-001	E1-10.5	Soil	9/6/06	☐	A											
0609201-005	E6-10.5	Soil	9/5/06	☐	A											
0609201-010	I1-10.5	Soil	9/6/06	☐	A											

Test Legend:

1	G-MBTEX_S	2		3		4		5	
6		7		8		9		10	
11		12							

The following SampIDs: 0609201-001A, 0609201-005A, 0609201-010A contain testgroup. Please make sure all relevant testcodes are reported. Many thanks.

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

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RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 09/05/06-09/06/06
1466 66th Street		Date Received: 09/11/06
Emeryville, CA 94608	Client Contact: Eric Olson	Date Extracted: 09/11/06
	Client P.O.:	Date Analyzed 09/13/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0609201

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	E1-10.5	S	ND	ND	ND	ND	ND	ND	1	108
005A	E6-10.5	S	ND	ND	ND	ND	ND	ND	1	100
010A	I1-10.5	S	5.9,m	ND	ND	ND	0.016	ND	1	109

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	NA	NA	NA	NA	1	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) value derived using a client specified carbon range; o) results are reported on a dry weight basis.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #0304; California Linen	Date Sampled: 09/05/06-09/06/06
		Date Received: 09/11/06
	Client Contact: Eric Olson	Date Extracted: 09/11/06
	Client P.O.:	Date Analyzed 09/14/06

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil*

Extraction method: SW3550C Analytical methods: SW8015C Work Order: 0609201

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0609201-001A	E1-10.5	S	ND	ND	1	109
0609201-005A	E6-10.5	S	ND	ND	1	108
0609201-010A	I1-10.5	S	ND	ND	1	107

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L
	S	1.0	5.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel (asphalt?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range/jet fuel; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0609201

EPA Method: SW8021B/8015Cm Extraction: SW5030B BatchID: 23635 Spiked Sample ID: 0609184-032A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	123	99.1	21.7	117	118	1.26	70 - 130	30	70 - 130	30
MTBE	ND	0.10	114	119	4.53	115	114	0.998	70 - 130	30	70 - 130	30
Benzene	ND	0.10	92.1	92.5	0.381	90.4	91.7	1.46	70 - 130	30	70 - 130	30
Toluene	ND	0.10	84.7	83.6	1.30	82.9	84.4	1.79	70 - 130	30	70 - 130	30
Ethylbenzene	ND	0.10	94.4	92.8	1.69	91.6	92.7	1.28	70 - 130	30	70 - 130	30
Xylenes	ND	0.30	91.3	91	0.366	87.3	88	0.760	70 - 130	30	70 - 130	30
%SS:	96	0.10	87	93	6.15	90	91	0.986	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 23635 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0609201-001	9/06/06	9/11/06	9/13/06 6:54 PM	0609201-005	9/05/06	9/11/06	9/13/06 7:24 PM
0609201-010	9/06/06	9/11/06	9/13/06 10:24 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0609201

EPA Method: SW8015C **Extraction: SW3550C** **BatchID: 23646** **Spiked Sample ID: 0609200-004A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	ND	20	111	112	0.616	119	120	1.02	70 - 130	30	70 - 130	30
%SS:	91	50	92	89	3.59	114	115	1.03	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 23646 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0609201-001	9/06/06	9/11/06	9/14/06 12:14 AM	0609201-005	9/05/06	9/11/06	9/14/06 1:23 AM
0609201-010	9/06/06	9/11/06	9/14/06 2:31 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

RGA
1466 - 66th St
Emeryville, CA 94608
510-658-4363
510-834-0152 fax
paul.king@rgaenv.com

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

PROJECT NUMBER:	PROJECT NAME:
0304	California Linen

SAMPLED BY: (PRINTED AND SIGNATURE) Paul M. King Paul M. King

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): CAM17 Metals	PNAs by 8270 (SIM)	TPH Multirange				PRESERVATIVE	REMARKS
Anomaly A F.11	10-18-06		Soil		1	X	X					ICE	Normal turnaround
Anomaly A-5.5	"		"		1	X	X	X				"	" "
Anomaly B-0.5	"		"		1	X	X	X				"	" "

ICE/t° 20°
GOOD CONDITION _____ APPROPRIATE
HEAD SPACE ABSENT _____ CONTAINERS _____
DECHLORINATED IN LAB _____ PRESERVED IN LAB _____
VOAS | O&G | METALS | OTHER
PRESERVATION _____

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)
Paul M. King	10/26	920	
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)
	10/26	210	
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)

REMARKS:

TOTAL NO. OF SAMPLES (THIS SHIPMENT)	3
TOTAL NO. OF CONTAINERS (THIS SHIPMENT)	3

LABORATORY: McCampbell Analytical
LABORATORY CONTACT: Angela Rydelius
LABORATORY PHONE NUMBER: (925) 252-9262
SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES (X)NO

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0610430 **ClientID: RGAE**

☐EDF ☐Fax ☐Email ☐HardCopy ☐ThirdParty

Report to:
Paul King
RGA Environmental
1466 66th Street
Emeryville, CA 94608
Email: PDKing0000@aol.com
TEL: (510) 547-7771 FAX: (510) 547-1983
ProjectNo: #0304; California Linen
PO:

Bill to:
Accounts Payable
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Requested TAT: **5 days**

Date Received: **10/20/2006**
Date Printed: **10/27/2006**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0610430-001	Anomaly A Fill	Soil	10/18/06	☐	A	A										
0610430-002	Anomaly A-5.5	Soil	10/18/06	☐	A	A	A									
0610430-003	Anomaly B-0.5	Soil	10/18/06	☐	A	A	A									

Test Legend:

1	8270D-PNA_S	2	CAM17MS_S	3	G-MBTEX_S	4		5	
6		7		8		9		10	
11		12							

The following SampIDs: 0610430-002A, 0610430-003A contain testgroup. Please make sure all relevant testcodes are reported. Many thanks.

Prepared by: Nickole White

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

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RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #0304; California Linen	Date Sampled: 10/18/06
		Date Received: 10/20/06
	Client Contact: Paul King	Date Extracted: 10/20/06
	Client P.O.:	Date Analyzed 10/26/06

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode by GC/MS*

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0610430

					Reporting Limit for DF =1	
Lab ID	0610430-001A	0610430-002A	0610430-003A			
Client ID	Anomaly A Fill	Anomaly A-5.5	Anomaly B-0.5			
Matrix	S	S	S		S	W
DF	1	10	50			
Compound	**Concentration**				mg/kg	ug/L
Acenaphthene	ND	ND<0.050	ND<0.25		0.005	NA
Acenaphthylene	ND	ND<0.050	ND<0.25		0.005	NA
Anthracene	ND	ND<0.050	ND<0.25		0.005	NA
Benzo(a)anthracene	0.024	ND<0.050	ND<0.25		0.005	NA
Benzo(a)pyrene	0.021	ND<0.050	ND<0.25		0.005	NA
Benzo(b)fluoranthene	0.014	ND<0.050	ND<0.25		0.005	NA
Benzo(g,h,i)perylene	0.015	ND<0.050	ND<0.25		0.005	NA
Benzo(k)fluoranthene	0.017	ND<0.050	ND<0.25		0.005	NA
Chrysene	0.026	ND<0.050	ND<0.25		0.005	NA
Dibenzo(a,h)anthracene	ND	ND<0.050	ND<0.25		0.005	NA
Fluoranthene	0.034	ND<0.050	ND<0.25		0.005	NA
Fluorene	ND	ND<0.050	ND<0.25		0.005	NA
Indeno (1,2,3-cd) pyrene	0.012	ND<0.050	ND<0.25		0.005	NA
1-Methylnaphthalene	ND	ND<0.050	ND<0.25		0.005	NA
2-Methylnaphthalene	ND	ND<0.050	ND<0.25		0.005	NA
Naphthalene	0.0066	ND<0.050	ND<0.25		0.005	NA
Phenanthrene	0.018	0.055	ND<0.25		0.005	NA
Pyrene	0.031	ND<0.050	ND<0.25		0.005	NA
Surrogate Recoveries (%)						
%SS1	80	96	109			
%SS2	80	92	111			
Comments			j			

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due

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RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/18/06
		Date Received: 10/20/06
1466 66th Street	Client Contact: Paul King	Date Extracted: 10/20/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed 10/24/06-10/25/06

CAM / CCR 17 Metals*

Lab ID	0610430-001A	0610430-002A	0610430-003A		Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	Anomaly A Fill	Anomaly A-5.5	Anomaly B-0.5			
Matrix	S	S	S		S	W
Extraction Type	TTLC	TTLC	TTLC		mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B Work Order: 0610430

Dilution Factor	1	1	1		1	1
Antimony	0.91	0.94	5.2		0.5	NA
Arsenic	4.9	4.3	6.7		0.5	NA
Barium	150	110	180		5.0	NA
Beryllium	ND	ND	ND		0.5	NA
Cadmium	0.36	0.84	1.4		0.25	NA
Chromium	29	21	60		0.5	NA
Cobalt	7.9	4.6	12		0.5	NA
Copper	27	48	1100		0.5	NA
Lead	560	260	380		0.5	NA
Mercury	0.23	0.98	0.40		0.05	NA
Molybdenum	0.69	2.0	1.1		0.5	NA
Nickel	32	24	67		0.5	NA
Selenium	ND	ND	ND		0.5	NA
Silver	ND	0.51	ND		0.5	NA
Thallium	ND	ND	ND		0.5	NA
Vanadium	32	22	36		0.5	NA
Zinc	140	300	450		5.0	NA
%SS:	90	91	91			

Comments					

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TTLC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

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RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #0304; California Linen	Date Sampled: 10/18/06
		Date Received: 10/20/06
	Client Contact: Paul King	Date Extracted: 10/20/06
	Client P.O.:	Date Analyzed 10/24/06-10/25/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline *

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0610430

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
002A	Anomaly A-5.5	S	ND	1	103
003A	Anomaly B-0.5	S	ND	1	98

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) value derived using a client specified carbon range; o) results are reported on a dry weight basis; p) see attached narrative.

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RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #0304; California Linen	Date Sampled: 10/18/06
		Date Received: 10/20/06
	Client Contact: Paul King	Date Extracted: 10/20/06
	Client P.O.:	Date Analyzed: 10/21/06-10/23/06

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil*

Extraction method: SW3550C Analytical methods: SW8015C Work Order: 0610430

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0610430-002A	Anomaly A-5.5	S	7.1,g,f	12	1	103
0610430-003A	Anomaly B-0.5	S	68,g,b	170	2	107

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L
	S	1.0	5.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel (asphalt?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range/jet fuel; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; o) mineral oil; p) see attached narrative.

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QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0610430

EPA Method: SW8270C **Extraction: SW3550C** **BatchID: 24402** **Spiked Sample ID: 0610430-003A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/kg	mg/kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Benzo(a)pyrene	ND<0.25	0.10	NR	NR	NR	83.5	83.4	0.164	30 - 130	30	30 - 130	30
Chrysene	ND<0.25	0.10	NR	NR	NR	103	103	0	30 - 130	30	30 - 130	30
1-Methylnaphthalene	ND<0.25	0.10	NR	NR	NR	107	107	0	30 - 130	30	30 - 130	30
2-Methylnaphthalene	ND<0.25	0.10	NR	NR	NR	102	102	0	30 - 130	30	30 - 130	30
Phenanthrene	ND<0.25	0.10	NR	NR	NR	98.3	98.3	0	30 - 130	30	30 - 130	30
Pyrene	ND<0.25	0.10	NR	NR	NR	92.7	93.4	0.709	30 - 130	30	30 - 130	30
%SS1:	109	0.050	117	116	0.305	82	82	0	30 - 130	30	30 - 130	30
%SS2:	111	0.050	106	104	2.60	80	80	0	30 - 130	30	30 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 24402 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0610430-001	10/18/06	10/20/06	)/26/06 11:15 AM	0610430-002	10/18/06	10/20/06	10/26/06 3:48 AM
0610430-003	10/18/06	10/20/06	10/26/06 5:01 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

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QC SUMMARY REPORT FOR 6020A

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0610430

EPA Method 6020A **Extraction SW3050B** **BatchID: 24392** **Spiked Sample ID 0610413-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	0.89	50	89.9	89.4	0.525	10	93.5	94.3	0.809	75 - 125	20	80 - 120	20
Arsenic	4.3	50	91.2	95.4	4.10	10	92.2	94.7	2.64	75 - 125	20	80 - 120	20
Barium	110	500	101	101	0	100	90.6	90.7	0.154	75 - 125	20	80 - 120	20
Beryllium	ND	50	84.1	84	0.165	10	98	99.5	1.54	75 - 125	20	80 - 120	20
Cadmium	0.26	50	95.5	96	0.478	10	95.1	95.1	0	75 - 125	20	80 - 120	20
Chromium	69	50	87.9	83.9	1.78	10	89.3	90.4	1.30	75 - 125	20	80 - 120	20
Cobalt	17	50	91.6	89.7	1.56	10	100	102	1.29	75 - 125	20	80 - 120	20
Copper	50	50	98.1	97.3	0.385	10	89.2	90	0.915	75 - 125	20	80 - 120	20
Lead	130	50	110	114	0.855	10	94.6	96.2	1.71	75 - 125	20	80 - 120	20
Mercury	0.14	2.5	103	105	2.04	0.50	104	106	1.26	75 - 125	20	80 - 120	20
Molybdenum	ND	50	90.1	90.3	0.266	10	87.1	89.7	2.92	75 - 125	20	80 - 120	20
Nickel	75	50	97.6	95.6	0.810	10	90	92	2.26	75 - 125	20	80 - 120	20
Selenium	2.2	50	83.8	83.9	0.0906	10	88.5	88.7	0.237	75 - 125	20	80 - 120	20
Silver	ND	50	95.3	95.2	0.126	10	86.6	87.4	0.977	75 - 125	20	80 - 120	20
Thallium	ND	50	95.2	99.5	4.40	10	91.3	93.1	2.01	75 - 125	20	80 - 120	20
Vanadium	82	50	89.1	85.1	1.59	10	90	91.7	1.78	75 - 125	20	80 - 120	20
Zinc	130	500	102	101	0.828	100	93.9	95.1	1.29	75 - 125	20	80 - 120	20
%SS:	100	250	99	97	1.88	250	96	96	0	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 24392 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0610430-001A	10/18/06	10/20/06	10/24/06 1:30 AM	0610430-001A	10/18/06	10/20/06	10/25/06 12:57 AM
0610430-002A	10/18/06	10/20/06	10/24/06 1:37 AM	0610430-002A	10/18/06	10/20/06	10/25/06 1:02 AM
0610430-003A	10/18/06	10/20/06	10/24/06 1:44 AM	0610430-003A	10/18/06	10/20/06	10/25/06 1:07 AM
0610430-003A	10/18/06	10/20/06	10/25/06 1:13 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0610430

EPA Method: SW8021B/8015Cm	Extraction: SW5030B	BatchID: 24401	Spiked Sample ID: 0610420-010A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	100	0.60	NR	NR	NR	106	115	8.30	70 - 130	30	70 - 130	30
MTBE	ND<1.7	0.10	91.7	94.7	3.28	99.4	93.1	6.56	70 - 130	30	70 - 130	30
Benzene	0.62	0.10	NR	NR	NR	102	100	1.26	70 - 130	30	70 - 130	30
Toluene	0.52	0.10	NR	NR	NR	82.8	84.1	1.53	70 - 130	30	70 - 130	30
Ethylbenzene	7.1	0.10	NR	NR	NR	97.8	99	1.16	70 - 130	30	70 - 130	30
Xylenes	26	0.30	NR	NR	NR	94.3	94.7	0.353	70 - 130	30	70 - 130	30
%SS:	108	0.10	100	100	0	99.5	99.7	0.172	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 24401 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0610430-002	10/18/06	10/20/06	10/25/06 9:53 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0610430

EPA Method: SW8021B/8015Cm Extraction: SW5030B BatchID: 24405 Spiked Sample ID: 0610430-003A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	110	108	1.98	109	108	0.985	70 - 130	30	70 - 130	30
MTBE	ND	0.10	113	113	0	112	111	0.833	70 - 130	30	70 - 130	30
Benzene	ND	0.10	99.9	101	1.25	97.2	97.7	0.517	70 - 130	30	70 - 130	30
Toluene	0.0077	0.10	75.8	75.1	0.783	80.3	82.1	2.31	70 - 130	30	70 - 130	30
Ethylbenzene	ND	0.10	99.9	98.3	1.69	96	95.7	0.307	70 - 130	30	70 - 130	30
Xylenes	0.014	0.30	90.3	85.6	5.04	90	90.7	0.738	70 - 130	30	70 - 130	30
%SS:	98	0.10	111	111	0	105	117	10.8	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 24405 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0610430-003	10/18/06	10/20/06	10/24/06 3:38 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0610430

EPA Method: SW8015C	Extraction: SW3550C	BatchID: 24395	Spiked Sample ID: 0610416-020A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	ND	20	121	121	0	107	106	1.57	70 - 130	30	70 - 130	30
%SS:	113	50	100	101	0.267	105	104	1.38	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 24395 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0610430-002	10/18/06	10/20/06	10/23/06 1:07 PM	0610430-003	10/18/06	10/20/06	10/21/06 8:48 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

GEOPHYSICAL ANOMALY INVESTIGATION
SOIL SAMPLE RESULTS

BOREHOLE B33 - B39
SOIL RESULTS

RGA Environmental, Inc.
1466 - 66th St
Emeryville, CA 94608
510-658-4363
510-834-0152 fax
paul.king@rgaenv.com

Pgal 06104431

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

PROJECT NUMBER: 0304

PROJECT NAME: California Linen

SAMPLED BY: (PRINTED AND SIGNATURE) Eric Olsen

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH Multi-range	EPA 8260	CAM 17 Metals				PRESERVATIVE	REMARKS
B33-0.5	10-18-06		Soil				X					ICE	Normal Turnaround
B33-3.5	10-18-06		"				X					"	"
B34-0.5	10-19-06		"				X					"	"
B34-3.5	10-19-06		"				X					"	"
B35-0.5	10-18-06		"				X					"	"
B35-3.5	10-18-06		"				X					"	"
B36-0.5	10-18-06		"				X					"	"
B36-3.5	10-18-06		"				X					"	"
B36-7.5	10-18-06		"			X	X					"	"
B37-0.5	10-19-06		"				X					"	"
B37-3.5	10-19-06		"				X					"	"
B38-0.5	10-18-06		"				X					"	"
B38-3.5	10-18-06		"				X					"	"
B39-0.5	10-19-06		"				X					"	"
B39-3.5	10-19-06		"				X					"	"
												#	#

ICE/t° 10.8°C
GOOD CONDITION ✓ APPROPRIATE ✓
HEAD SPACE ABSENT ____ CONTAINERS
DECHLORINATED IN LAB ____ PRESERVED IN LAB ____
PRESERVATION ____ VOAS | O&G | METALS | OTHER

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)
	10/20/06	930	
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)
	10/20/06	210	
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)

TOTAL NO. OF SAMPLES (THIS SHIPMENT): 15
TOTAL NO. OF CONTAINERS (THIS SHIPMENT): 15

LABORATORY: McCampbell Analytical

LABORATORY CONTACT: Angela Rydelius

LABORATORY PHONE NUMBER: (925)252-9262

SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES (X)NO

REMARKS:

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0610431 **ClientID: RGAE**

☐ EDF ☐ Fax ☐ Email ☐ HardCopy ☐ ThirdParty

Report to:
Eric Olson
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Email:
TEL: (510) 547-7771 FAX: (510) 547-1983
ProjectNo: #0304; California Linen
PO:

Bill to:
Accounts Payable
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Requested TAT: **5 days**

Date Received: **10/20/2006**
Date Printed: **10/20/2006**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0610431-001	B33-0.5	Soil	10/18/2006	☐		A										
0610431-002	B33-3.5	Soil	10/18/2006	☐	A											
0610431-003	B34-0.5	Soil	10/19/2006	☐		A										
0610431-004	B34-3.5	Soil	10/19/2006	☐	A											
0610431-005	B35-0.5	Soil	10/18/2006	☐		A										
0610431-006	B35-3.5	Soil	10/18/2006	☐	A											
0610431-007	B36-0.5	Soil	10/18/2006	☐		A										
0610431-008	B36-3.5	Soil	10/18/2006	☐	A											
0610431-009	B36-7.5	Soil	10/18/2006	☐	A		A									
0610431-010	B37-0.5	Soil	10/19/2006	☐		A										
0610431-011	B37-3.5	Soil	10/19/2006	☐	A											
0610431-012	B38-0.5	Soil	10/18/2006	☐		A										
0610431-013	B38-3.5	Soil	10/18/2006	☐	A											
0610431-014	B39-0.5	Soil	10/19/2006	☐		A										
0610431-015	B39-3.5	Soil	10/19/2006	☐	A											

Test Legend:

1	8260B_S	2	CAM17MS_S	3	G-MBTEX_S	4		5	
6		7		8		9		10	
11		12							

The following SampID: 0610431-009A contains testgroup. Please make sure all relevant testcodes are reported. Many thanks.

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

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Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/18/06
		Date Received: 10/20/06
1466 66th Street	Client Contact: Eric Olson	Date Extracted: 10/20/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed 10/21/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0610431

Lab ID	0610431-002A
Client ID	B33-3.5
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	88	%SS2:	109
%SS3:	101		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/19/06
		Date Received: 10/20/06
1466 66th Street	Client Contact: Eric Olson	Date Extracted: 10/20/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed 10/21/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0610431

Lab ID	0610431-004A
Client ID	B34-3.5
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	90	%SS2:	111
%SS3:	102		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/18/06
		Date Received: 10/20/06
1466 66th Street	Client Contact: Eric Olson	Date Extracted: 10/20/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed 10/21/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0610431

Lab ID	0610431-006A
Client ID	B35-3.5
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	100	%SS2:	111
%SS3:	100		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/18/06
		Date Received: 10/20/06
1466 66th Street	Client Contact: Eric Olson	Date Extracted: 10/20/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed 10/21/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0610431

Lab ID	0610431-008A
Client ID	B36-3.5
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	90	%SS2:	109
%SS3:	100		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/18/06
		Date Received: 10/20/06
1466 66th Street	Client Contact: Eric Olson	Date Extracted: 10/20/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed 10/24/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0610431

Lab ID	0610431-009A
Client ID	B36-7.5
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	109	%SS2:	106
%SS3:	93		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/19/06
		Date Received: 10/20/06
1466 66th Street	Client Contact: Eric Olson	Date Extracted: 10/20/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed 10/23/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0610431

Lab ID	0610431-011A
Client ID	B37-3.5
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	106	%SS2:	114
%SS3:	98		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/18/06
		Date Received: 10/20/06
1466 66th Street	Client Contact: Eric Olson	Date Extracted: 10/20/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed 10/21/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0610431

Lab ID	0610431-013A
Client ID	B38-3.5
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	95	%SS2:	110
%SS3:	101		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/19/06
		Date Received: 10/20/06
1466 66th Street	Client Contact: Eric Olson	Date Extracted: 10/20/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed 10/21/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0610431

Lab ID	0610431-015A
Client ID	B39-3.5
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	91	%SS2:	111
%SS3:	100		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/18/06-10/19/06
		Date Received: 10/20/06
1466 66th Street	Client Contact: Eric Olson	Date Extracted: 10/20/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed 10/24/06-10/25/06

CAM / CCR 17 Metals*

Lab ID	0610431-001A	0610431-003A	0610431-005A	0610431-007A	Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	B33-0.5	B34-0.5	B35-0.5	B36-0.5		
Matrix	S	S	S	S	S	W
Extraction Type	TTLC	TTLC	TTLC	TTLC	mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B Work Order: 0610431

Dilution Factor	1	1	1	1	1	1
Antimony	2.6	0.72	ND	0.70	0.5	NA
Arsenic	9.8	7.4	5.1	5.5	0.5	NA
Barium	110	160	160	160	5.0	NA
Beryllium	ND	0.70	0.55	ND	0.5	NA
Cadmium	0.49	ND	ND	0.29	0.25	NA
Chromium	28	49	43	33	0.5	NA
Cobalt	7.6	5.0	9.9	8.6	0.5	NA
Copper	100	22	22	23	0.5	NA
Lead	53	7.8	6.5	34	0.5	NA
Mercury	1.7	0.058	ND	0.12	0.05	NA
Molybdenum	1.2	1.9	0.90	1.4	0.5	NA
Nickel	28	42	42	39	0.5	NA
Selenium	ND	ND	ND	ND	0.5	NA
Silver	ND	ND	ND	ND	0.5	NA
Thallium	ND	ND	ND	ND	0.5	NA
Vanadium	43	57	46	35	0.5	NA
Zinc	210	45	42	64	5.0	NA
%SS:	92	92	96	93		

Comments

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TTLC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

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RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/18/06-10/19/06
		Date Received: 10/20/06
1466 66th Street	Client Contact: Eric Olson	Date Extracted: 10/20/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed 10/24/06-10/25/06

CAM / CCR 17 Metals*

Lab ID	0610431-010A	0610431-012A	0610431-014A		Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	B37-0.5	B38-0.5	B39-0.5			
Matrix	S	S	S		S	W
Extraction Type	TTLC	TTLC	TTLC		mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B Work Order: 0610431

Dilution Factor	1	1	1		1	1
Antimony	0.68	0.75	0.68		0.5	NA
Arsenic	6.4	4.1	9.0		0.5	NA
Barium	100	150	160		5.0	NA
Beryllium	ND	0.64	0.61		0.5	NA
Cadmium	0.41	0.26	ND		0.25	NA
Chromium	54	51	50		0.5	NA
Cobalt	9.2	8.3	10		0.5	NA
Copper	24	26	25		0.5	NA
Lead	59	7.5	8.1		0.5	NA
Mercury	0.12	0.062	ND		0.05	NA
Molybdenum	0.70	0.50	1.9		0.5	NA
Nickel	70	53	47		0.5	NA
Selenium	0.59	ND	ND		0.5	NA
Silver	ND	ND	ND		0.5	NA
Thallium	ND	ND	ND		0.5	NA
Vanadium	44	50	52		0.5	NA
Zinc	130	60	47		5.0	NA
%SS:	93	94	92			

Comments

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TTLC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

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RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #0304; California Linen	Date Sampled: 10/18/06
		Date Received: 10/20/06
	Client Contact: Eric Olson	Date Extracted: 10/20/06
	Client P.O.:	Date Analyzed 10/23/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0610431

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
009A	B36-7.5	S	43,g,m	3.3	92

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) value derived using a client specified carbon range; o) results are reported on a dry weight basis; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #0304; California Linen	Date Sampled: 10/18/06
		Date Received: 10/20/06
	Client Contact: Eric Olson	Date Extracted: 10/20/06
	Client P.O.:	Date Analyzed 10/21/06

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil*

Extraction method: SW3550C Analytical methods: SW8015C Work Order: 0610431

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0610431-009A	B36-7.5	S	140,a/c	84	1	114

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L
	S	1.0	5.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel (asphalt?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range/jet fuel; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; o) mineral oil; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0610431

EPA Method SW8260B **Extraction SW5030B** **BatchID: 24400** **Spiked Sample ID: 0610429-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME	ND	0.050	80.9	87.9	8.24	88.9	85.6	3.83	70 - 130	30	70 - 130	30
Benzene	ND	0.050	110	116	4.50	117	113	3.27	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	98.4	114	15.0	119	110	7.71	70 - 130	30	70 - 130	30
Chlorobenzene	ND	0.050	89.1	95.1	6.44	94.4	93.1	1.39	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	96.7	103	6.80	105	103	2.16	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	85.1	87.4	2.64	88.8	85.5	3.85	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	0.050	98.3	101	3.01	114	97.8	15.0	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	94	99.6	5.75	103	96.4	7.01	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	83.7	89.2	6.37	91.6	85.9	6.43	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	85.1	91.7	7.49	94.3	87.1	7.87	70 - 130	30	70 - 130	30
Toluene	ND	0.050	92.3	98.4	6.04	103	101	1.72	70 - 130	30	70 - 130	30
Trichloroethene	ND	0.050	78.5	81.5	3.77	83.5	80.2	4.05	70 - 130	30	70 - 130	30
%SS1:	108	0.050	94	93	1.16	97	95	1.81	70 - 130	30	70 - 130	30
%SS2:	108	0.050	97	96	0.809	96	96	0	70 - 130	30	70 - 130	30
%SS3:	94	0.050	96	96	0	98	95	2.58	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 24400 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0610431-002	10/18/06	10/20/06	10/21/06 7:59 PM	0610431-004	10/19/06	10/20/06	10/21/06 5:01 PM
0610431-006	10/18/06	10/20/06	10/21/06 4:16 PM	0610431-008	10/18/06	10/20/06	10/21/06 7:15 PM
0610431-009	10/18/06	10/20/06	0/24/06 12:59 PM	0610431-011	10/19/06	10/20/06	10/23/06 4:04 PM
0610431-013	10/18/06	10/20/06	10/21/06 5:46 PM	0610431-015	10/19/06	10/20/06	10/21/06 6:30 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

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QC SUMMARY REPORT FOR 6020A

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0610431

EPA Method 6020A **Extraction SW3050B** **BatchID: 24392** **Spiked Sample ID 0610413-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	0.89	50	89.9	89.4	0.525	10	93.5	94.3	0.809	75 - 125	20	80 - 120	20
Arsenic	4.3	50	91.2	95.4	4.10	10	92.2	94.7	2.64	75 - 125	20	80 - 120	20
Barium	110	500	101	101	0	100	90.6	90.7	0.154	75 - 125	20	80 - 120	20
Beryllium	ND	50	84.1	84	0.165	10	98	99.5	1.54	75 - 125	20	80 - 120	20
Cadmium	0.26	50	95.5	96	0.478	10	95.1	95.1	0	75 - 125	20	80 - 120	20
Chromium	69	50	87.9	83.9	1.78	10	89.3	90.4	1.30	75 - 125	20	80 - 120	20
Cobalt	17	50	91.6	89.7	1.56	10	100	102	1.29	75 - 125	20	80 - 120	20
Copper	50	50	98.1	97.3	0.385	10	89.2	90	0.915	75 - 125	20	80 - 120	20
Lead	130	50	110	114	0.855	10	94.6	96.2	1.71	75 - 125	20	80 - 120	20
Mercury	0.14	2.5	103	105	2.04	0.50	104	106	1.26	75 - 125	20	80 - 120	20
Molybdenum	ND	50	90.1	90.3	0.266	10	87.1	89.7	2.92	75 - 125	20	80 - 120	20
Nickel	75	50	97.6	95.6	0.810	10	90	92	2.26	75 - 125	20	80 - 120	20
Selenium	2.2	50	83.8	83.9	0.0906	10	88.5	88.7	0.237	75 - 125	20	80 - 120	20
Silver	ND	50	95.3	95.2	0.126	10	86.6	87.4	0.977	75 - 125	20	80 - 120	20
Thallium	ND	50	95.2	99.5	4.40	10	91.3	93.1	2.01	75 - 125	20	80 - 120	20
Vanadium	82	50	89.1	85.1	1.59	10	90	91.7	1.78	75 - 125	20	80 - 120	20
Zinc	130	500	102	101	0.828	100	93.9	95.1	1.29	75 - 125	20	80 - 120	20
%SS:	100	250	99	97	1.88	250	96	96	0	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 24392 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0610431-001A	10/18/06	10/20/06	10/24/06 1:52 AM	0610431-001A	10/18/06	10/20/06	10/25/06 1:43 AM
0610431-003A	10/19/06	10/20/06	10/24/06 11:24 PM	0610431-005A	10/18/06	10/20/06	10/24/06 11:31 PM
0610431-007A	10/18/06	10/20/06	10/24/06 11:39 PM	0610431-010A	10/19/06	10/20/06	10/24/06 11:46 PM
0610431-012A	10/18/06	10/20/06	10/25/06 12:19 AM	0610431-014A	10/19/06	10/20/06	10/25/06 12:26 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0610431

EPA Method SW8015Cm	Extraction SW5030B	BatchID: 24397	Spiked Sample ID: 0610421-001A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	108	109	0.580	106	112	5.55	70 - 130	30	70 - 130	30
MTBE	ND	0.10	104	101	3.33	98.1	96.1	2.01	70 - 130	30	70 - 130	30
Benzene	ND	0.10	101	94.5	6.18	92.9	93.8	0.924	70 - 130	30	70 - 130	30
Toluene	ND	0.10	92.3	87.3	5.63	85.8	87.1	1.42	70 - 130	30	70 - 130	30
Ethylbenzene	ND	0.10	98.5	98.8	0.318	96.7	99.3	2.59	70 - 130	30	70 - 130	30
Xylenes	ND	0.30	100	96.3	3.74	92	96.7	4.95	70 - 130	30	70 - 130	30
%SS:	94	0.10	101	93	8.25	92	87	5.59	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 24397 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0610431-009	10/18/06	10/20/06	0/23/06 10:40 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0610431

EPA Method SW8015C **Extraction SW3550C** **BatchID: 24395** **Spiked Sample ID: 0610416-020A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	ND	20	121	121	0	107	106	1.57	70 - 130	30	70 - 130	30
%SS:	113	50	100	101	0.267	105	104	1.38	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 24395 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0610431-009	10/18/06	10/20/06	10/21/06 9:34 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

BOREHOLE B40 – B48
SOIL RESULTS

RGA
1466 - 66th St
Emeryville, CA 94608
510-658-4363
510-834-0152 fax
paul.king@rgaenv.com

Page 06106616

CHAIN OF CUSTODY RECORD

Page 1 of 3 (Page 2 of 3)

PROJECT NUMBER: 0304

PROJECT NAME: California Linen

SAMPLED BY: (PRINTED AND SIGNATURE) Steve Carmack

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): CAM 17 Metals	8260B	TPH Multi-range 8015C	TALLS 8270D	MBTEX 8021B	PRESERVATIVE	REMARKS
B40-0.5	10/26/06	1255	S		1	X					Ice	Normal 5-Day Turnaround Time
B40-1.25	10/26/06	1445			1	X			X			
B40-3.0	10/26/06	1525			1		X					
B41-~~6.5~~	10/26/06	1015			1	X		X		X		
B41-2.5	10/27/06	1055			1		X	X	X	X		
B41-3.0	10/27/06	1105			1		X	X		X		
B42-0.5	10/26/06	1115			1	X		X		X		
B42-3.0	10/26/06	1145			1		X	X		X		
B43-0.5	10/27/06	1155			1	X						
B44-0.5	10/27/06	1215			1	X						
B44-3.0	10/27/06	1255			1		X					
B45-0.5	10/26/06	1205			1	X						
B45-3.0	10/26/06	1430			1		X					
B46-1.5	10/27/06	1610			1	X						
B46-3.0	10/30/06	1010			1		X					
B47-0.5	10/27/06	1510			1	X						

ICE/°: 11.2°C
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB
PRESERVATION: VOAS | O&G | METALS | OTHER

RELINQUISHED BY: (SIGNATURE) — DATE 10/30/06 — TIME 1300 — RECEIVED BY: (SIGNATURE)

RELINQUISHED BY: (SIGNATURE) — DATE 10/30/06 — TIME 1345 — RECEIVED BY: (SIGNATURE)

RELINQUISHED BY: (SIGNATURE) — DATE — TIME — RECEIVED FOR LABORATORY BY: (SIGNATURE)

REMARKS:

TOTAL NO. OF SAMPLES (THIS SHIPMENT)

TOTAL NO. OF CONTAINERS (THIS SHIPMENT)

LABORATORY: McCampbell Analytical

LABORATORY CONTACT: Angela Rydelius

LABORATORY PHONE NUMBER: (925) 252-9262

SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES (✓)NO

1466 - 66th St
Emeryville, CA 94608
510-658-4363
510-834-0152 fax
paul.king@rgaenv.com

CHAIN OF CUSTODY RECORD

PROJECT NUMBER: 0304

PROJECT NAME: California Linen

SAMPLED BY: (PRINTED AND SIGNATURE) Steve Carmack

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): CAM 17 Metals	8260 B	TPH Multirange 8015	PAHs 8270D	NAPTEN 8021B	PRESERVATIVE	REMARKS
B47-3.0	10/27/06	1555	S		1		X				Ice	Normal 5-Day Turnaround Time
B48-0.5	10/30/06	1025	↓		1	X					↓	
B48-3.0	10/30/06	1035	↓		1		X				↓	

RELINQUISHED BY: (SIGNATURE)	DATE 10/30/06	TIME 1300	RECEIVED BY: (SIGNATURE)	TOTAL NO. OF SAMPLES (THIS SHIPMENT) / TOTAL NO. OF CONTAINERS (THIS SHIPMENT)
RELINQUISHED BY: (SIGNATURE)	DATE 10/30/06	TIME 1345	RECEIVED BY: (SIGNATURE)	LABORATORY CONTACT: Angela Rydelius
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)	SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES (✓)NO

LABORATORY: McCampbell Analytical

LABORATORY PHONE NUMBER: (925) 252-9262

REMARKS:

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0610616 **ClientID: RGAE**

☐EDF ☐Fax ☐Email ☐HardCopy ☐ThirdParty

Report to:
Steve Carmack
RGA Environmental
1466 66th Street
Emeryville, CA 94608
Email:
TEL: (510) 547-7771 FAX: (510) 547-1983
ProjectNo: #0304; California Linen
PO:

Bill to:
Accounts Payable
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Requested TAT: **5 days**

Date Received: **10/30/2006**
Date Printed: **10/30/2006**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0610616-001	B40-0.5	Soil	10/26/06 12:55:00	☐			A									
0610616-002	B40-1.25	Soil	10/26/06 2:45:00	☐		A	A									
0610616-003	B40-3.0	Soil	10/26/06 3:25:00	☐	A											
0610616-004	B41-0.5	Soil	10/26/06 10:15:00	☐			A	A	A							
0610616-005	B41-2.5	Soil	10/27/06 10:55:00	☐		A		A	A							
0610616-006	B41-3.0	Soil	10/27/06 11:05:00	☐	A			A	A							
0610616-007	B42-0.5	Soil	10/26/06 11:15:00	☐			A	A	A							
0610616-008	B42-3.0	Soil	10/26/06 11:45:00	☐	A			A	A							
0610616-009	B43-0.5	Soil	10/27/06 11:55:00	☐			A									
0610616-010	B44-0.5	Soil	10/27/06 12:15:00	☐			A									
0610616-011	B44-3.0	Soil	10/27/06 12:55:00	☐	A											
0610616-012	B45-0.5	Soil	10/26/06 12:05:00	☐			A									
0610616-013	B45-3.0	Soil	10/26/06 2:30:00	☐	A											
0610616-014	B46-1.5	Soil	10/27/06 4:10:00	☐		A	A									
0610616-015	B46-3.0	Soil	10/30/06 10:10:00	☐	A											

Test Legend:

1	8260B_S	2	8270D-PNA_S	3	CAM17MS_S	4	G-MBTEX_S	5	TPH(DMO)_S
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0610616 **ClientID: RGAE**

☐EDF ☐Fax ☐Email ☐HardCopy ☐ThirdParty

Report to:
Steve Carmack
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Email:
TEL: (510) 547-7771 FAX: (510) 547-1983
ProjectNo: #0304; California Linen
PO:

Bill to:
Accounts Payable
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Requested TAT: **5 days**

Date Received: **10/30/2006**
Date Printed: **10/30/2006**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0610616-016	B47-0.5	Soil	10/27/06 3:10:00	☐			A									
0610616-017	B47-3.0	Soil	10/27/06 3:55:00	☐	A											
0610616-018	B48-0.5	Soil	10/30/06 10:25:00	☐			A									
0610616-019	B48-3.0	Soil	10/30/06 10:35:00	☐	A											

Test Legend:

1	8260B_S	2	8270D-PNA_S	3	CAM17MS_S	4	G-MBTEX_S	5	TPH(DMO)_S
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/26/06
		Date Received: 10/30/06
1466 66th Street	Client Contact: Steve Carmack	Date Extracted: 10/30/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 11/06/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0610616

Lab ID	0610616-003A
Client ID	B40-3.0
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	98	%SS2:	94
%SS3:	95		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/27/06
		Date Received: 10/30/06
1466 66th Street	Client Contact: Steve Carmack	Date Extracted: 10/30/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 11/03/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0610616

Lab ID	0610616-006A
Client ID	B41-3.0
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<1.0	20	0.05	Acrolein (Propenal)	ND<1.0	20	0.05
Acrylonitrile	ND<0.40	20	0.02	tert-Amyl methyl ether (TAME)	ND<0.10	20	0.005
Benzene	ND<0.10	20	0.005	Bromobenzene	ND<0.10	20	0.005
Bromochloromethane	ND<0.10	20	0.005	Bromodichloromethane	ND<0.10	20	0.005
Bromoform	ND<0.10	20	0.005	Bromomethane	ND<0.10	20	0.005
2-Butanone (MEK)	ND<0.40	20	0.02	t-Butyl alcohol (TBA)	ND<1.0	20	0.05
n-Butyl benzene	0.29	20	0.005	sec-Butyl benzene	0.39	20	0.005
tert-Butyl benzene	ND<0.10	20	0.005	Carbon Disulfide	ND<0.10	20	0.005
Carbon Tetrachloride	ND<0.10	20	0.005	Chlorobenzene	ND<0.10	20	0.005
Chloroethane	ND<0.10	20	0.005	2-Chloroethyl Vinyl Ether	ND<0.20	20	0.01
Chloroform	ND<0.10	20	0.005	Chloromethane	ND<0.10	20	0.005
2-Chlorotoluene	ND<0.10	20	0.005	4-Chlorotoluene	ND<0.10	20	0.005
Dibromochloromethane	ND<0.10	20	0.005	1,2-Dibromo-3-chloropropane	ND<0.10	20	0.005
1,2-Dibromoethane (EDB)	ND<0.10	20	0.005	Dibromomethane	ND<0.10	20	0.005
1,2-Dichlorobenzene	ND<0.10	20	0.005	1,3-Dichlorobenzene	ND<0.10	20	0.005
1,4-Dichlorobenzene	ND<0.10	20	0.005	Dichlorodifluoromethane	ND<0.10	20	0.005
1,1-Dichloroethane	ND<0.10	20	0.005	1,2-Dichloroethane (1,2-DCA)	ND<0.10	20	0.005
1,1-Dichloroethene	ND<0.10	20	0.005	cis-1,2-Dichloroethene	ND<0.10	20	0.005
trans-1,2-Dichloroethene	ND<0.10	20	0.005	1,2-Dichloropropane	ND<0.10	20	0.005
1,3-Dichloropropane	ND<0.10	20	0.005	2,2-Dichloropropane	ND<0.10	20	0.005
1,1-Dichloropropene	ND<0.10	20	0.005	cis-1,3-Dichloropropene	ND<0.10	20	0.005
trans-1,3-Dichloropropene	ND<0.10	20	0.005	Diisopropyl ether (DIPE)	ND<0.10	20	0.005
Ethylbenzene	ND<0.10	20	0.005	Ethyl tert-butyl ether (ETBE)	ND<0.10	20	0.005
Freon 113	ND<2.0	20	0.1	Hexachlorobutadiene	ND<0.10	20	0.005
Hexachloroethane	ND<0.10	20	0.005	2-Hexanone	ND<0.10	20	0.005
Isopropylbenzene	0.47	20	0.005	4-Isopropyl toluene	ND<0.10	20	0.005
Methyl-t-butyl ether (MTBE)	ND<0.10	20	0.005	Methylene chloride	ND<0.10	20	0.005
4-Methyl-2-pentanone (MIBK)	ND<0.10	20	0.005	Naphthalene	2.2	20	0.005
Nitrobenzene	ND<2.0	20	0.1	n-Propyl benzene	0.64	20	0.005
Styrene	ND<0.10	20	0.005	1,1,1,2-Tetrachloroethane	ND<0.10	20	0.005
1,1,2,2-Tetrachloroethane	ND<0.10	20	0.005	Tetrachloroethene	ND<0.10	20	0.005
Toluene	ND<0.10	20	0.005	1,2,3-Trichlorobenzene	ND<0.10	20	0.005
1,2,4-Trichlorobenzene	ND<0.10	20	0.005	1,1,1-Trichloroethane	ND<0.10	20	0.005
1,1,2-Trichloroethane	ND<0.10	20	0.005	Trichloroethene	ND<0.10	20	0.005
Trichlorofluoromethane	ND<0.10	20	0.005	1,2,3-Trichloropropane	ND<0.10	20	0.005
1,2,4-Trimethylbenzene	0.20	20	0.005	1,3,5-Trimethylbenzene	ND<0.10	20	0.005
Vinyl Chloride	ND<0.10	20	0.005	Xylenes	0.10	20	0.005

Surrogate Recoveries (%)

%SS1:	83	%SS2:	102
%SS3:	115		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/26/06
		Date Received: 10/30/06
1466 66th Street	Client Contact: Steve Carmack	Date Extracted: 10/30/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 11/06/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0610616

Lab ID	0610616-008A
Client ID	B42-3.0
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<0.20	4.0	0.05	Acrolein (Propenal)	ND<0.20	4.0	0.05
Acrylonitrile	ND<0.080	4.0	0.02	tert-Amyl methyl ether (TAME)	ND<0.020	4.0	0.005
Benzene	ND<0.020	4.0	0.005	Bromobenzene	ND<0.020	4.0	0.005
Bromochloromethane	ND<0.020	4.0	0.005	Bromodichloromethane	ND<0.020	4.0	0.005
Bromoform	ND<0.020	4.0	0.005	Bromomethane	ND<0.020	4.0	0.005
2-Butanone (MEK)	ND<0.080	4.0	0.02	t-Butyl alcohol (TBA)	ND<0.20	4.0	0.05
n-Butyl benzene	0.18	4.0	0.005	sec-Butyl benzene	0.19	4.0	0.005
tert-Butyl benzene	ND<0.020	4.0	0.005	Carbon Disulfide	ND<0.020	4.0	0.005
Carbon Tetrachloride	ND<0.020	4.0	0.005	Chlorobenzene	ND<0.020	4.0	0.005
Chloroethane	ND<0.020	4.0	0.005	2-Chloroethyl Vinyl Ether	ND<0.040	4.0	0.01
Chloroform	ND<0.020	4.0	0.005	Chloromethane	ND<0.020	4.0	0.005
2-Chlorotoluene	ND<0.020	4.0	0.005	4-Chlorotoluene	ND<0.020	4.0	0.005
Dibromochloromethane	ND<0.020	4.0	0.005	1,2-Dibromo-3-chloropropane	ND<0.020	4.0	0.005
1,2-Dibromoethane (EDB)	ND<0.020	4.0	0.005	Dibromomethane	ND<0.020	4.0	0.005
1,2-Dichlorobenzene	ND<0.020	4.0	0.005	1,3-Dichlorobenzene	ND<0.020	4.0	0.005
1,4-Dichlorobenzene	ND<0.020	4.0	0.005	Dichlorodifluoromethane	ND<0.020	4.0	0.005
1,1-Dichloroethane	ND<0.020	4.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND<0.020	4.0	0.005
1,1-Dichloroethene	ND<0.020	4.0	0.005	cis-1,2-Dichloroethene	ND<0.020	4.0	0.005
trans-1,2-Dichloroethene	ND<0.020	4.0	0.005	1,2-Dichloropropane	ND<0.020	4.0	0.005
1,3-Dichloropropane	ND<0.020	4.0	0.005	2,2-Dichloropropane	ND<0.020	4.0	0.005
1,1-Dichloropropene	ND<0.020	4.0	0.005	cis-1,3-Dichloropropene	ND<0.020	4.0	0.005
trans-1,3-Dichloropropene	ND<0.020	4.0	0.005	Diisopropyl ether (DIPE)	ND<0.020	4.0	0.005
Ethylbenzene	ND<0.020	4.0	0.005	Ethyl tert-butyl ether (ETBE)	ND<0.020	4.0	0.005
Freon 113	ND<0.40	4.0	0.1	Hexachlorobutadiene	ND<0.020	4.0	0.005
Hexachloroethane	ND<0.020	4.0	0.005	2-Hexanone	ND<0.020	4.0	0.005
Isopropylbenzene	0.16	4.0	0.005	4-Isopropyl toluene	ND<0.020	4.0	0.005
Methyl-t-butyl ether (MTBE)	ND<0.020	4.0	0.005	Methylene chloride	ND<0.020	4.0	0.005
4-Methyl-2-pentanone (MIBK)	ND<0.020	4.0	0.005	Naphthalene	0.44	4.0	0.005
Nitrobenzene	ND<0.40	4.0	0.1	n-Propyl benzene	0.18	4.0	0.005
Styrene	ND<0.020	4.0	0.005	1,1,1,2-Tetrachloroethane	ND<0.020	4.0	0.005
1,1,2,2-Tetrachloroethane	ND<0.020	4.0	0.005	Tetrachloroethene	ND<0.020	4.0	0.005
Toluene	ND<0.020	4.0	0.005	1,2,3-Trichlorobenzene	ND<0.020	4.0	0.005
1,2,4-Trichlorobenzene	ND<0.020	4.0	0.005	1,1,1-Trichloroethane	ND<0.020	4.0	0.005
1,1,2-Trichloroethane	ND<0.020	4.0	0.005	Trichloroethene	ND<0.020	4.0	0.005
Trichlorofluoromethane	ND<0.020	4.0	0.005	1,2,3-Trichloropropane	ND<0.020	4.0	0.005
1,2,4-Trimethylbenzene	ND<0.020	4.0	0.005	1,3,5-Trimethylbenzene	ND<0.020	4.0	0.005
Vinyl Chloride	ND<0.020	4.0	0.005	Xylenes	ND<0.020	4.0	0.005

Surrogate Recoveries (%)

%SS1:	104	%SS2:	89
%SS3:	87		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/27/06
		Date Received: 10/30/06
1466 66th Street	Client Contact: Steve Carmack	Date Extracted: 10/30/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 11/06/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0610616

Lab ID	0610616-011A
Client ID	B44-3.0
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	96	%SS2:	94
%SS3:	94		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/26/06
		Date Received: 10/30/06
1466 66th Street	Client Contact: Steve Carmack	Date Extracted: 10/30/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 11/03/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0610616

Lab ID	0610616-013A
Client ID	B45-3.0
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	86	%SS2:	105
%SS3:	116		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/30/06
		Date Received: 10/30/06
1466 66th Street	Client Contact: Steve Carmack	Date Extracted: 10/30/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 11/06/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0610616

Lab ID	0610616-015A
Client ID	B46-3.0
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	99	%SS2:	95
%SS3:	97		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/27/06
		Date Received: 10/30/06
1466 66th Street	Client Contact: Steve Carmack	Date Extracted: 10/30/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 11/03/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0610616

Lab ID	0610616-017A
Client ID	B47-3.0
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	84	%SS2:	105
%SS3:	108		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/30/06
		Date Received: 10/30/06
1466 66th Street	Client Contact: Steve Carmack	Date Extracted: 10/30/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 11/03/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0610616

Lab ID	0610616-019A
Client ID	B48-3.0
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	85	%SS2:	106
%SS3:	118		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #0304; California Linen	Date Sampled: 10/26/06-10/27/06
		Date Received: 10/30/06
	Client Contact: Steve Carmack	Date Extracted: 10/30/06
	Client P.O.:	Date Analyzed: 11/04/06

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode by GC/MS*

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0610616

Lab ID	0610616-002A	0610616-005A	0610616-014A		Reporting Limit for DF =1	
Client ID	B40-1.25	B41-2.5	B46-1.5			
Matrix	S	S	S		S	W
DF	2	5	1			
Compound	**Concentration**				mg/kg	ug/L
Acenaphthene	ND<0.010	ND<0.025	ND		0.005	NA
Acenaphthylene	ND<0.010	ND<0.025	ND		0.005	NA
Anthracene	ND<0.010	ND<0.025	ND		0.005	NA
Benzo(a)anthracene	ND<0.010	ND<0.025	0.0052		0.005	NA
Benzo(a)pyrene	ND<0.010	ND<0.025	0.0070		0.005	NA
Benzo(b)fluoranthene	ND<0.010	ND<0.025	ND		0.005	NA
Benzo(g,h,i)perylene	ND<0.010	ND<0.025	ND		0.005	NA
Benzo(k)fluoranthene	ND<0.010	ND<0.025	ND		0.005	NA
Chrysene	ND<0.010	ND<0.025	0.0066		0.005	NA
Dibenzo(a,h)anthracene	ND<0.010	ND<0.025	ND		0.005	NA
Fluoranthene	ND<0.010	ND<0.025	0.0087		0.005	NA
Fluorene	ND<0.010	ND<0.025	ND		0.005	NA
Indeno (1,2,3-cd) pyrene	ND<0.010	ND<0.025	ND		0.005	NA
1-Methylnaphthalene	ND<0.010	1.4	ND		0.005	NA
2-Methylnaphthalene	ND<0.010	2.3	ND		0.005	NA
Naphthalene	ND<0.010	2.5	ND		0.005	NA
Phenanthrene	ND<0.010	ND<0.025	ND		0.005	NA
Pyrene	ND<0.010	ND<0.025	0.0097		0.005	NA
Surrogate Recoveries (%)						
%SS1	85	112	86			
%SS2	93	96	91			
Comments						

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due

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Angela Rydelius, Lab Manager

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RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/26/06-10/30/06
		Date Received: 10/30/06
1466 66th Street	Client Contact: Steve Carmack	Date Extracted: 10/30/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 11/01/06-11/07/06

CAM / CCR 17 Metals*

Lab ID	0610616-001A	0610616-002A	0610616-004A	0610616-007A	Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	B40-0.5	B40-1.25	B41-0.5	B42-0.5		
Matrix	S	S	S	S	S	W
Extraction Type	TTLC	TTLC	TTLC	TTLC	mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B Work Order: 0610616

Dilution Factor	1	1	1	1	1	1
Antimony	2.1	0.75	0.64	ND	0.5	NA
Arsenic	6.8	6.3	4.9	4.3	0.5	NA
Barium	300	160	190	210	5.0	NA
Beryllium	0.54	ND	ND	0.60	0.5	NA
Cadmium	0.72	0.33	0.34	ND	0.25	NA
Chromium	52	38	40	50	0.5	NA
Cobalt	67	33	8.5	9.0	0.5	NA
Copper	93	26	25	25	0.5	NA
Lead	190	150	120	7.3	0.5	NA
Mercury	0.64	0.18	0.11	ND	0.05	NA
Molybdenum	0.65	2.0	1.1	1.0	0.5	NA
Nickel	58	53	47	42	0.5	NA
Selenium	ND	ND	0.57	ND	0.5	NA
Silver	16	ND	ND	ND	0.5	NA
Thallium	ND	ND	ND	ND	0.5	NA
Vanadium	43	40	42	52	0.5	NA
Zinc	180	90	84	55	5.0	NA
%SS:	107	104	107	104		

Comments

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TTLC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

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RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/26/06-10/30/06
		Date Received: 10/30/06
1466 66th Street	Client Contact: Steve Carmack	Date Extracted: 10/30/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 11/01/06-11/07/06

CAM / CCR 17 Metals*

Lab ID	0610616-009A	0610616-010A	0610616-012A	0610616-014A	Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	B43-0.5	B44-0.5	B45-0.5	B46-1.5		
Matrix	S	S	S	S	S	W
Extraction Type	TTLC	TTLC	TTLC	TTLC	mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B Work Order: 0610616

Dilution Factor	1	1	1	1	1	1
Antimony	0.67	1.2	ND	0.52	0.5	NA
Arsenic	5.5	7.2	7.5	8.6	0.5	NA
Barium	130	580	150	220	5.0	NA
Beryllium	ND	0.56	ND	0.52	0.5	NA
Cadmium	ND	0.39	0.38	ND	0.25	NA
Chromium	50	56	58	40	0.5	NA
Cobalt	20	15	13	12	0.5	NA
Copper	32	68	25	23	0.5	NA
Lead	44	92	280	15	0.5	NA
Mercury	0.30	0.36	0.16	0.070	0.05	NA
Molybdenum	0.54	1.3	ND	ND	0.5	NA
Nickel	52	54	68	56	0.5	NA
Selenium	ND	ND	ND	ND	0.5	NA
Silver	ND	ND	ND	ND	0.5	NA
Thallium	ND	ND	ND	ND	0.5	NA
Vanadium	53	65	56	33	0.5	NA
Zinc	100	150	220	55	5.0	NA
%SS:	111	107	110	105		

Comments

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TTLC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

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RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/26/06-10/30/06
		Date Received: 10/30/06
1466 66th Street	Client Contact: Steve Carmack	Date Extracted: 10/30/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 11/01/06-11/07/06

CAM / CCR 17 Metals*

Lab ID	0610616-016A	0610616-018A			Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	B47-0.5	B48-0.5				
Matrix	S	S			S	W
Extraction Type	TTLC	TTLC			mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B Work Order: 0610616

Dilution Factor	1	1			1	1
Antimony	5.4	0.70			0.5	NA
Arsenic	130	6.2			0.5	NA
Barium	360	150			5.0	NA
Beryllium	ND	0.53			0.5	NA
Cadmium	1.9	0.43			0.25	NA
Chromium	21	50			0.5	NA
Cobalt	7.8	9.6			0.5	NA
Copper	54	25			0.5	NA
Lead	160	26			0.5	NA
Mercury	0.94	0.13			0.05	NA
Molybdenum	3.1	1.2			0.5	NA
Nickel	20	55			0.5	NA
Selenium	ND	1.0			0.5	NA
Silver	1.2	ND			0.5	NA
Thallium	6.6	ND			0.5	NA
Vanadium	33	49			0.5	NA
Zinc	770	79			5.0	NA
%SS:	111	108				

Comments

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TTLC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

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RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #0304; California Linen	Date Sampled: 10/26/06-10/27/06
		Date Received: 10/30/06
	Client Contact: Steve Carmack	Date Extracted: 10/30/06
	Client P.O.:	Date Analyzed 10/31/06-11/02/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline *

Extraction method: SW5030B Analytical methods: SW8015Cm Work Order: 0610616

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
004A	B41-0.5	S	630,g,m	100	110
005A	B41-2.5	S	750,g,m	100	101
006A	B41-3.0	S	1100,g,m	100	91
007A	B42-0.5	S	640,g,m	33	92
008A	B42-3.0	S	450,g,m	20	90

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) value derived using a client specified carbon range; o) results are reported on a dry weight basis; p) see attached narrative.

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RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #0304; California Linen	Date Sampled: 10/26/06-10/27/06
		Date Received: 10/30/06
	Client Contact: Steve Carmack	Date Extracted: 10/30/06
	Client P.O.:	Date Analyzed: 10/31/06-11/06/06

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil*

Extraction method: SW3550C Analytical methods: SW8015C Work Order: 0610616

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0610616-004A	B41-0.5	S	1400,k,g	1300	50	116
0610616-005A	B41-2.5	S	910,k,g	850	50	115
0610616-006A	B41-3.0	S	1900,k,g	1700	50	97
0610616-007A	B42-0.5	S	2700,k,g	2500	50	113
0610616-008A	B42-3.0	S	840,k,g	630	20	108

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L
	S	1.0	5.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel (asphalt?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range/jet fuel; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; o) mineral oil; p) see attached narrative.

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0610616

EPA Method SW8260B **Extraction SW5030B** **BatchID: 24564** **Spiked Sample ID: 0610630-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME	ND	0.050	77.8	77.7	0.0681	104	103	0.465	70 - 130	30	70 - 130	30
Benzene	ND	0.050	102	103	1.25	121	115	5.43	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	101	102	1.23	111	116	5.06	70 - 130	30	70 - 130	30
Chlorobenzene	ND	0.050	87.4	86.3	1.19	115	114	0.708	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	96.9	96.1	0.873	129	129	0	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	72.6	75.5	3.93	86.1	86.1	0	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	0.050	106	108	1.89	116	121	4.25	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	83.4	85.5	2.49	95.7	96.8	1.23	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	78.4	78.9	0.679	103	103	0	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	78.6	81.1	3.10	107	108	0.492	70 - 130	30	70 - 130	30
Toluene	ND	0.050	91.5	92.7	1.33	127	127	0	70 - 130	30	70 - 130	30
Trichloroethene	ND	0.050	77.6	77.6	0	96	95.6	0.434	70 - 130	30	70 - 130	30
%SS1:	99	0.050	99	101	1.84	85	86	0.348	70 - 130	30	70 - 130	30
%SS2:	97	0.050	95	96	1.01	93	95	1.70	70 - 130	30	70 - 130	30
%SS3:	93	0.050	90	91	0.544	97	96	0.655	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 24564 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0610616-003	10/26/06 3:25 PM	10/30/06	11/06/06 1:37 PM	0610616-006	)/27/06 11:05 AM	10/30/06	11/03/06 9:43 PM
0610616-008	)/26/06 11:45 AM	10/30/06	1/06/06 12:10 PM	0610616-011	)/27/06 12:55 PM	10/30/06	11/06/06 2:23 PM
0610616-013	10/26/06 2:30 PM	10/30/06	11/03/06 7:25 PM	0610616-015	)/30/06 10:10 AM	10/30/06	1/06/06 12:52 PM
0610616-017	10/27/06 3:55 PM	10/30/06	11/03/06 8:11 PM	0610616-019	)/30/06 10:35 AM	10/30/06	11/03/06 8:56 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

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QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0610616

EPA Method SW8270C	Extraction SW3550C				BatchID: 24464			Spiked Sample ID: 0610493-008A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/kg	mg/kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Benzo(a)pyrene	ND	0.10	76.8	77.9	1.43	80.9	80.6	0.342	30 - 130	30	30 - 130	30
Chrysene	ND	0.10	95.2	93.6	1.68	90.2	91.3	1.24	30 - 130	30	30 - 130	30
1-Methylnaphthalene	ND	0.10	92.3	93.6	1.37	92	91.5	0.556	30 - 130	30	30 - 130	30
2-Methylnaphthalene	ND	0.10	88.2	88.8	0.672	88	85.2	3.19	30 - 130	30	30 - 130	30
Phenanthrene	ND	0.10	86.6	87.7	1.27	85.2	81.1	4.87	30 - 130	30	30 - 130	30
Pyrene	ND	0.10	82.9	82	1.07	79.2	78.2	1.35	30 - 130	30	30 - 130	30
%SS1:	78	0.050	78	78	0	81	81	0	30 - 130	30	30 - 130	30
%SS2:	76	0.050	78	77	0.940	80	80	0	30 - 130	30	30 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 24464 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0610616-002	10/26/06 2:45 PM	10/30/06	11/04/06 2:06 PM	0610616-005	)/27/06 10:55 AM	10/30/06	11/04/06 3:23 PM
0610616-014	10/27/06 4:10 PM	10/30/06	1/04/06 12:49 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

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QC SUMMARY REPORT FOR 6020A

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0610616

EPA Method 6020A **Extraction SW3050B** **BatchID: 24563** **Spiked Sample ID 0610608-011A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	ND	50	101	103	1.97	10	109	103	5.64	75 - 125	20	80 - 120	20
Arsenic	3.2	50	102	101	0.797	10	110	107	3.04	75 - 125	20	80 - 120	20
Barium	130	500	106	109	1.83	100	107	101	5.58	75 - 125	20	80 - 120	20
Beryllium	ND	50	87.2	88.9	2.01	10	105	96.2	8.45	75 - 125	20	80 - 120	20
Cadmium	ND	50	98.9	101	1.76	10	108	102	6.28	75 - 125	20	80 - 120	20
Chromium	49	50	97.5	97.5	0	10	104	98.8	5.50	75 - 125	20	80 - 120	20
Cobalt	7.2	50	94.6	97	2.12	10	111	103	7.18	75 - 125	20	80 - 120	20
Copper	12	50	99	97.9	0.947	10	107	101	5.88	75 - 125	20	80 - 120	20
Lead	13	50	102	105	2.38	10	110	103	6.77	75 - 125	20	80 - 120	20
Mercury	ND	2.5	105	108	2.96	0.50	117	111	5.20	75 - 125	20	80 - 120	20
Molybdenum	ND	50	98.8	101	2.13	10	108	103	4.84	75 - 125	20	80 - 120	20
Nickel	24	50	101	99.8	1.09	10	109	103	6.04	75 - 125	20	80 - 120	20
Selenium	ND	50	95.7	95.8	0.125	10	102	99.2	2.89	75 - 125	20	80 - 120	20
Silver	ND	50	81.6	82.6	1.27	10	111	105	5.48	75 - 125	20	80 - 120	20
Thallium	ND	50	101	104	2.62	10	107	100	6.43	75 - 125	20	80 - 120	20
Vanadium	40	50	98.6	97.8	0.450	10	107	101	5.00	75 - 125	20	80 - 120	20
Zinc	29	500	98	99.2	1.21	100	104	97.1	6.60	75 - 125	20	80 - 120	20
%SS:	106	250	112	114	1.74	250	113	109	3.75	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 24563 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0610616-001A	0/26/06 12:55 PM	10/30/06	11/06/06 5:52 PM	0610616-001A	0/26/06 12:55 PM	10/30/06	11/07/06 2:12 PM
0610616-002A	10/26/06 2:45 PM	10/30/06	11/06/06 6:00 PM	0610616-002A	10/26/06 2:45 PM	10/30/06	11/07/06 2:17 PM
0610616-004A	0/26/06 10:15 AM	10/30/06	11/06/06 6:07 PM	0610616-004A	0/26/06 10:15 AM	10/30/06	11/07/06 2:22 PM
0610616-007A	0/26/06 11:15 AM	10/30/06	11/06/06 6:39 PM	0610616-009A	0/27/06 11:55 AM	10/30/06	11/06/06 6:46 PM
0610616-010A	0/27/06 12:15 PM	10/30/06	11/06/06 6:53 PM	0610616-012A	0/26/06 12:05 PM	10/30/06	11/07/06 2:51 PM
0610616-012A	0/26/06 12:05 PM	10/30/06	11/07/06 2:59 PM	0610616-014A	10/27/06 4:10 PM	10/30/06	11/06/06 7:08 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte

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QC SUMMARY REPORT FOR 6020A

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0610616

EPA Method 6020A **Extraction SW3050B** **BatchID: 24567** **Spiked Sample ID 0610616-018A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	0.7	50	101	101	0	10	104	103	0.579	75 - 125	20	80 - 120	20
Arsenic	6.2	50	97.5	99.2	1.59	10	104	101	3.80	75 - 125	20	80 - 120	20
Barium	150	500	106	107	0.795	100	101	101	0	75 - 125	20	80 - 120	20
Beryllium	0.53	50	85	85.3	0.348	10	98.1	96.2	1.97	75 - 125	20	80 - 120	20
Cadmium	0.43	50	98.7	98.8	0.141	10	102	102	0	75 - 125	20	80 - 120	20
Chromium	50	50	84.7	89.6	2.59	10	99	98.8	0.162	75 - 125	20	80 - 120	20
Cobalt	9.6	50	93.5	93.2	0.213	10	105	105	0	75 - 125	20	80 - 120	20
Copper	25	50	92.7	95.3	1.78	10	101	99.6	1.81	75 - 125	20	80 - 120	20
Lead	26	50	103	103	0	10	103	102	1.17	75 - 125	20	80 - 120	20
Mercury	0.13	2.5	106	106	0	0.50	112	111	0.770	75 - 125	20	80 - 120	20
Molybdenum	1.2	50	99.3	99.5	0.177	10	103	101	1.18	75 - 125	20	80 - 120	20
Nickel	55	50	92.4	96.8	2.15	10	102	100	1.58	75 - 125	20	80 - 120	20
Selenium	1	50	94.2	94.8	0.580	10	97	97.8	0.770	75 - 125	20	80 - 120	20
Silver	ND	50	80.9	81.1	0.295	10	104	104	0	75 - 125	20	80 - 120	20
Thallium	ND	50	102	103	0.272	10	101	99.4	1.26	75 - 125	20	80 - 120	20
Vanadium	49	50	87.2	91.7	2.36	10	102	100	1.68	75 - 125	20	80 - 120	20
Zinc	79	500	101	99.7	0.811	100	98.3	96.9	1.39	75 - 125	20	80 - 120	20
%SS:	108	250	110	110	0	250	108	108	0	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 24567 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0610616-016A	10/27/06 3:10 PM	10/30/06	11/06/06 7:15 PM	0610616-016A	10/27/06 3:10 PM	10/30/06	11/07/06 3:04 PM
0610616-016A	10/27/06 3:10 PM	10/30/06	11/07/06 3:09 PM	0610616-018A	)/30/06 10:25 AM	10/30/06	11/01/06 5:48 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte

DHS ELAP Certification N° 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0610616

EPA Method SW8021B/8015Cm Extraction SW5030B BatchID: 24546 Spiked Sample ID: 0610578-003A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	230	0.60	NR	NR	NR	107	103	3.47	70 - 130	30	70 - 130	30
MTBE	ND<10	0.10	89.7	110	20.1	91	88.2	3.19	70 - 130	30	70 - 130	30
Benzene	ND<1.0	0.10	103	122	16.3	107	103	4.22	70 - 130	30	70 - 130	30
Toluene	5.1	0.10	NR	NR	NR	88.2	85.2	3.46	70 - 130	30	70 - 130	30
Ethylbenzene	4.6	0.10	NR	NR	NR	105	101	3.81	70 - 130	30	70 - 130	30
Xylenes	53	0.30	NR	NR	NR	99.3	94	5.52	70 - 130	30	70 - 130	30
%SS1	102	0.10	104	117	11.9	106	106	0	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 24546 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0610616-004	)/26/06 10:15 AM	10/30/06	10/31/06 7:27 PM	0610616-005	)/27/06 10:55 AM	10/30/06	10/31/06 6:22 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0610616

EPA Method SW8021B/8015Cm Extraction SW5030B BatchID: 24568 Spiked Sample ID: 0610621-001A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	105	103	2.00	102	105	2.19	70 - 130	30	70 - 130	30
MTBE	ND	0.10	92.6	92.2	0.354	99.1	84.9	15.5	70 - 130	30	70 - 130	30
Benzene	ND	0.10	107	104	2.37	113	99.9	12.0	70 - 130	30	70 - 130	30
Toluene	ND	0.10	88.9	86.7	2.52	94	82.3	13.2	70 - 130	30	70 - 130	30
Ethylbenzene	ND	0.10	104	102	1.39	108	98.2	9.22	70 - 130	30	70 - 130	30
Xylenes	ND	0.30	96	94.7	1.40	99.3	94.7	4.81	70 - 130	30	70 - 130	30
%SS:	94	0.10	107	106	0.939	105	87	18.8	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 24568 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0610616-006	)/27/06 11:05 AM	10/30/06	10/31/06 8:32 PM	0610616-007	)/26/06 11:15 AM	10/30/06	11/02/06 4:34 AM
0610616-008	)/26/06 11:45 AM	10/30/06	1/02/06 11:00 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0610616

EPA Method SW8015C	Extraction SW3550C				BatchID: 24561			Spiked Sample ID: 0610601-002A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	79	20	NR	NR	NR	110	111	1.19	70 - 130	30	70 - 130	30
%SS:	103	50	117	118	0.363	84	88	4.15	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 24561 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0610616-004	)/26/06 10:15 AM	10/30/06	10/31/06 7:00 PM	0610616-005	)/27/06 10:55 AM	10/30/06	10/31/06 4:44 PM
0610616-006	)/27/06 11:05 AM	10/30/06	10/31/06 4:44 PM	0610616-007	)/26/06 11:15 AM	10/30/06	10/31/06 9:17 PM
0610616-008	)/26/06 11:45 AM	10/30/06	1/06/06 12:24 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

BOREHOLE B18 - B32
GROUNDWATER RESULTS

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Emeryville, CA 94608
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510-834-0152 fax
paul.king@rgaenv.com

RgaE 0608226

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

PROJECT NUMBER: 0304

PROJECT NAME: California Liner

SAMPLED BY: (PRINTED AND SIGNATURE) Eric Olsen

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH Mod Gas	MBTEX					PRESERVATIVE	REMARKS
B21-24.0	8-8-06		Water		7	X	X					ICE	Normal Turnaround
B29-21.0	"		"		5	X	X					"	"
B30-30.0	"		"		5	X	X					"	"

+40
+10
+90

RELINQUISHED BY: (SIGNATURE) — DATE 8/8/06 — TIME 1700 — RECEIVED BY: (SIGNATURE)

RELINQUISHED BY: (SIGNATURE) — DATE 8/9/06 — TIME 0755 — RECEIVED BY: (SIGNATURE)

RELINQUISHED BY: (SIGNATURE) — DATE — TIME — RECEIVED FOR LABORATORY BY: (SIGNATURE)

TOTAL NO. OF SAMPLES (THIS SHIPMENT): 3

TOTAL NO. OF CONTAINERS (THIS SHIPMENT): 17

LABORATORY: McCampbell Analytical

LABORATORY CONTACT: Angela Rydelius

LABORATORY PHONE NUMBER: (925) 252 9262

SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES (X)NO

REMARKS:

ICE/t°_____
GOOD CONDITION_____ APPROPRIATE
HEAD SPACE ABSENT_____ CONTAINERS_____
DECHLORINATED IN LAB_____ PRESERVED IN LAB_____

PRESERVATION	VOAS	O&G	METALS	OTHER

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0608226 **ClientID: RGAE** **EDF: NO**

Report to:
Eric Olson
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Email:
TEL: (510) 547-777 FAX: (510) 547-198
ProjectNo: #0304; California Liner
PO:

Bill to
Accounts Payable
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: **08/09/2006**
Date Printed: **08/09/2006**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0608226-001	B21-24.0	Water	08/08/2006	☐	A	B										
0608226-002	B29-21.0	Water	08/08/2006	☐	A	B										
0608226-003	B30-30.0	Water	08/08/2006	☐	A	B										

Test Legend:

1	G-MBTEX_W	2	TPH(DMO)_W	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Rosa Venegas

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

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1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental	Client Project ID: #0304; California Liner	Date Sampled: 08/08/06
1466 66th Street		Date Received: 08/09/06
Emeryville, CA 94608	Client Contact: Eric Olson	Date Extracted: 08/14/06-08/15/06
	Client P.O.:	Date Analyzed 08/14/06-08/15/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0608226

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	B21-24.0	W	ND,i	ND	ND	ND	ND	ND	1	105
002A	B29-21.0	W	ND,i	ND	ND	1.1	ND	0.94	1	105
003A	B30-30.0	W	ND,i	ND	ND	2.9	ND	1.6	1	106

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #0304; California Liner	Date Sampled: 08/08/06
		Date Received: 08/09/06
	Client Contact: Eric Olson	Date Extracted: 08/09/06
	Client P.O.:	Date Analyzed 08/12/06-08/15/06

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil*

Extraction method SW3510C Analytical methods SW8015C Work Order: 0608226

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0608226-001B	B21-24.0	W	4600,g,b,i	27,000	10	92
0608226-002B	B29-21.0	W	2700,g,b,i	12,000	10	95
0608226-003B	B30-30.0	W	110,g,b,i	600	1	109

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	NA	NA	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirits; p) see Case Narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0608226

EPA Method SW8021B/8015Cm	Extraction SW5030B	BatchID: 23140	Spiked Sample ID 0608224-003A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex)£	ND	60	111	110	0.793	112	113	0.535	70 - 130	70 - 130
MTBE	ND	10	75.3	72.3	4.06	73.9	77.3	4.45	70 - 130	70 - 130
Benzene	ND	10	110	111	0.919	106	109	2.44	70 - 130	70 - 130
Toluene	ND	10	111	113	1.81	107	110	2.81	70 - 130	70 - 130
Ethylbenzene	ND	10	113	115	1.44	111	113	1.36	70 - 130	70 - 130
Xylenes	ND	30	117	117	0	117	117	0	70 - 130	70 - 130
%SS:	103	10	102	103	0.977	99	100	0.858	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 23140 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0608226-001A	8/08/06	8/15/06	8/15/06 6:50 AM	0608226-002A	8/08/06	8/15/06	8/15/06 12:20 AM
0608226-003A	8/08/06	8/14/06	8/14/06 12:11 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not applicable or not enough sample to perform matrix spike and matrix spike duplicate.

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0608226

EPA Method SW8015C	Extraction SW3510C				BatchID: 23143			Spiked Sample ID N/A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(d)	N/A	1000	N/A	N/A	N/A	113	116	2.80	N/A	70 - 130
%SS:	N/A	2500	N/A	N/A	N/A	93	114	20.7	N/A	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 23143 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0608226-001B	8/08/06	8/09/06	8/12/06 5:26 PM	0608226-002B	8/08/06	8/09/06	8/12/06 3:10 PM
0608226-003B	8/08/06	8/09/06	8/15/06 7:19 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

RGA Environmental, Inc.
1466 - 66th St
Emeryville, CA 94608
510-658-4363
510-834-0152 fax
paul.king@rgaenv.com

Paul 0608263

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

PROJECT NUMBER: 0304

PROJECT NAME: California Liner.

SAMPLED BY: (PRINTED AND SIGNATURE) Eric Olson

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH-M / MBTEX	PRESERVATIVE	REMARKS
B24-25.0	8-9-06		water		7	X X	ICE	Normal Turnaround
B25-25.0	"		"		7	X X	"	" "
B27-25.0	"		"		7	X X	"	" "

ICE/T° ✓
GOOD CONDITION ✓ APPROPRIATE ✓
HEAD SPACE ABSENT ~~CONTAINERS~~
DECHLORINATED IN LAB ~~PRESERVED IN LAB~~
PRESERVATION ~~VOA's~~ ✓ | ~~O&G~~ | ~~METALS~~ | ~~OTHER~~

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)
	8/16/06	2:00	
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)
	8/10/06	630	
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)

TOTAL NO. OF SAMPLES (THIS SHIPMENT): 3
TOTAL NO. OF CONTAINERS (THIS SHIPMENT): 21

LABORATORY: McCampbell Analytical

LABORATORY CONTACT: Angela Rydelius

LABORATORY PHONE NUMBER: (925) 252 9626

SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES (✓)NO

@ actually labelled B27-25.0

REMARKS:

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0608263 **ClientID: RGAE** **EDF: NO**

Report to:
Eric Olson
RGA Environmental
1466 66th Street
Emeryville, CA 94608
Email:
TEL: (510) 547-7771 FAX: (510) 547-1983
ProjectNo: #0304; California Linen
PO:

Bill to:
Accounts Payable
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Requested TAT: **5 days**

Date Received: **08/10/2006**
Date Printed: **08/24/2006**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0608263-001	B24-25.0	Water	8/9/06	☐	A	B										
0608263-002	B25-25.0	Water	8/9/06	☐	A	B										
0608263-003	B27-25.0	Water	8/9/06	☐	A	B										

Test Legend:

1	G-MBTEX_W	2	TPH(DMO)_W	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 08/09/06
1466 66th Street		Date Received: 08/10/06
Emeryville, CA 94608	Client Contact: Eric Olson	Date Extracted: 08/15/06-08/16/06
	Client P.O.:	Date Analyzed: 08/15/06-08/16/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0608263

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	B24-25.0	W	6600,a,i	ND<50	1000	14	260	41	10	118
002A	B25-25.0	W	ND,i	ND	ND	ND	ND	ND	1	107
003A	B27-25.0	W	ND,i	ND	ND	ND	ND	ND	1	104

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 08/09/06
1466 66th Street		Date Received: 08/10/06
Emeryville, CA 94608	Client Contact: Eric Olson	Date Extracted: 08/10/06
	Client P.O.:	Date Analyzed: 08/14/06-08/15/06

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil*

Extraction method: SW3510C Analytical methods: SW8015C Work Order: 0608263

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0608263-001B	B24-25.0	W	12,000,d,g,i	14,000	20	106
0608263-002B	B25-25.0	W	140,g,b,i	390	1	98
0608263-003B	B27-25.0	W	2700,g,b,i	6700	2	103

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	NA	NA	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirits; p) see Case Narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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"When Quality Counts"

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0608263

EPA Method SW8021B/8015Cm	Extraction SW5030B	BatchID: 23162	Spiked Sample ID 0608264-007A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex)£	ND	60	98.9	101	2.15	105	98.4	6.49	70 - 130	70 - 130
MTBE	ND	10	95.3	100	5.27	107	113	5.84	70 - 130	70 - 130
Benzene	ND	10	85.1	102	18.3	96.6	101	4.94	70 - 130	70 - 130
Toluene	ND	10	81.3	96.3	16.8	93.6	95.1	1.62	70 - 130	70 - 130
Ethylbenzene	ND	10	98.9	104	4.54	99.2	102	2.96	70 - 130	70 - 130
Xylenes	ND	30	90.7	92.7	2.18	90.7	94.7	4.32	70 - 130	70 - 130
%SS:	103	10	100	101	1.34	99	102	3.58	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 23162 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0608263-001A	8/09/06	8/16/06	8/16/06 2:43 AM	0608263-002A	8/09/06	8/15/06	8/15/06 10:15 AM
0608263-003A	8/09/06	8/15/06	8/15/06 10:47 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not applicable or not enough sample to perform matrix spike and matrix spike duplicate.

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0608263

EPA Method SW8015C	Extraction SW3510C				BatchID: 23164			Spiked Sample ID N/A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(d)	N/A	1000	N/A	N/A	N/A	101	101	0	N/A	70 - 130
%SS:	N/A	2500	N/A	N/A	N/A	86	86	0	N/A	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 23164 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0608263-001B	8/09/06	8/10/06	8/14/06 9:29 PM	0608263-002B	8/09/06	8/10/06	8/15/06 8:30 PM
0608263-003B	8/09/06	8/10/06	8/15/06 7:21 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

RGA

RGA Environmental, Inc.
1466 - 66th St
Emeryville, CA 94608
510-658-4363
510-834-0152 fax
paul.king@rgaenv.com

U6U4281

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

PROJECT NUMBER:	PROJECT NAME:
0304	California Linen

SAMPLED BY: (PRINTED AND SIGNATURE)
Eric Olson

	SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH+ MULTIrange	NBTEX				PRESERVATIVE	REMARKS
+	B18-25.0	8-10-06	.	water		7	X	X				ICE	Normal Turnaround
+	B19-32.0	"		"		7	X	X				"	
+	B20-25.0	"		"		7	X	X				"	
+	B22-21.0	"		"		7	X	X				"	
+	B23-30.0	"		"		7	X	X				"	

ICE/t°
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS
PRESERVED IN LAB
PRESERVATION: VOAS | O&G | METALS | OTHER

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)
	8/11/06	1240	
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)
	8/11/06	1690	
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)
	8/11/06	7:00	

TOTAL NO. OF SAMPLES (THIS SHIPMENT)	5
TOTAL NO. OF CONTAINERS (THIS SHIPMENT)	35
LABORATORY:	McCampbell Analytical
LABORATORY CONTACT:	Angela Rydelius
LABORATORY PHONE NUMBER:	(925) 252 9262

SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES (X)NO

REMARKS: VOAs preserved w/ HCl

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0608281 **ClientID: RGAE** **EDF: NO**

Report to:
Eric Olson
RGA Environmental
1466 66th Street
Emeryville, CA 94608
Email:
TEL: (510) 547-7771 FAX: (510) 547-1983
ProjectNo: #0304; California Liner
PO:

Bill to:
Accounts Payable
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Requested TAT: **5 days**

Date Received: **08/11/2006**
Date Printed: **08/11/2006**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0608281-001	B18-25.0	Water	08/10/2006	☐	A	B										
0608281-002	B19-32.0	Water	08/10/2006	☐	A	B										
0608281-003	B20-25.0	Water	08/10/2006	☐	A	B										
0608281-004	B22-21.0	Water	08/10/2006	☐	A	B										
0608281-005	B23-30.0	Water	08/10/2006	☐	A	B										

Test Legend:

1	G-MBTEX_W	2	TPH(DMO)_W	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Nickole White

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental	Client Project ID: #0304; California Liner	Date Sampled: 08/10/06
1466 66th Street		Date Received: 08/11/06
Emeryville, CA 94608	Client Contact: Eric Olson	Date Extracted: 08/15/06-08/16/06
	Client P.O.:	Date Analyzed 08/15/06-08/16/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0608281

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	B18-25.0	W	ND	ND	ND	ND	ND	ND	1	108
002A	B19-32.0	W	ND	ND	ND	ND	ND	ND	1	102
003A	B20-25.0	W	ND	ND	ND	0.65	ND	1.6	1	107
004A	B22-21.0	W	ND	ND	ND	ND	ND	ND	1	104
005A	B23-30.0	W	ND	ND	ND	ND	ND	ND	1	105

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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"When Quality Counts"

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #0304; California Liner	Date Sampled: 08/10/06
		Date Received: 08/11/06
	Client Contact: Eric Olson	Date Extracted: 08/11/06
	Client P.O.:	Date Analyzed 08/13/06-08/17/06

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil*

Extraction method: SW3510C Analytical methods: SW8015C Work Order: 0608281

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0608281-001B	B18-25.0	W	180,g,b	710	2	99
0608281-002B	B19-32.0	W	ND	ND	1	98
0608281-003B	B20-25.0	W	3000,a,g	2300	1	102
0608281-004B	B22-21.0	W	280,g,b	1300	1	104
0608281-005B	B23-30.0	W	ND	ND	1	105

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	NA	NA	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirits; p) see Case Narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0608281

EPA Method SW8021B/8015Cm	Extraction SW5030B	BatchID: 23182	Spiked Sample ID 0608281-005A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex)£	ND	60	104	103	1.41	97.8	105	7.56	70 - 130	70 - 130
MTBE	ND	10	104	96.7	6.93	103	101	1.63	70 - 130	70 - 130
Benzene	ND	10	105	104	0.626	101	105	3.21	70 - 130	70 - 130
Toluene	ND	10	99.3	98.4	0.856	94.4	99	4.71	70 - 130	70 - 130
Ethylbenzene	ND	10	107	108	0.517	98.2	107	8.25	70 - 130	70 - 130
Xylenes	ND	30	99.7	100	0.334	92.3	100	7.97	70 - 130	70 - 130
%SS:	105	10	103	101	1.39	100	102	2.68	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 23182 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0608281-001A	8/10/06	8/16/06	8/16/06 4:49 AM	0608281-002A	8/10/06	8/15/06	8/15/06 6:25 AM
0608281-003A	8/10/06	8/16/06	8/16/06 5:21 AM	0608281-004A	8/10/06	8/16/06	8/16/06 5:52 AM
0608281-005A	8/10/06	8/15/06	8/15/06 1:56 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not applicable or not enough sample to perform matrix spike and matrix spike duplicate.

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0608281

EPA Method SW8015C	Extraction SW3510C				BatchID: 23164			Spiked Sample ID N/A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(d)	N/A	1000	N/A	N/A	N/A	101	101	0	N/A	70 - 130
%SS:	N/A	2500	N/A	N/A	N/A	86	86	0	N/A	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 23164 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0608281-001B	8/10/06	8/11/06	8/16/06 5:37 AM	0608281-002B	8/10/06	8/11/06	8/13/06 3:14 AM
0608281-003B	8/10/06	8/11/06	8/13/06 4:20 AM	0608281-004B	8/10/06	8/11/06	8/17/06 11:51 PM
0608281-005B	8/10/06	8/11/06	8/16/06 11:14 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

RGA
1466 - 66th St
Emeryville, CA 94608
510-658-4363
510-834-0152 fax
paul.king@rgaenv.com

0608295

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

PROJECT NUMBER:	PROJECT NAME:
0304	California Linen

SAMPLED BY: (PRINTED AND SIGNATURE)
Eric Olson

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH-M, Multirange	ANALYSIS(ES): MBTEX	PRESERVATIVE	REMARKS
+20 B26-25.0	8-11-06	.	Water		7	X	X	ICE	Normal Turnaround
+30 B31-35.0	"		"		7	X	X	"	

CE/T ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
DECHLORINATED IN LAB
PRESERVATION ✓
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB
VOAS | O&G | METALS | OTHER

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	TOTAL NO. OF SAMPLES (THIS SHIPMENT)	2	LABORATORY:
Eric Olson	8/11/06	[redacted]	945 PM	TOTAL NO. OF CONTAINERS (THIS SHIPMENT)	14	McCampbell Analytical
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	LABORATORY CONTACT:		LABORATORY PHONE NUMBER:
				Angela Rydelius		(925) 252 9262
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)	SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES (✓)NO		

REMARKS: VOAs preserved w/ HCl

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0608295 **ClientID: RGAE** **EDF: NO**

Report to:
Eric Olson
RGA Environmental
1466 66th Street
Emeryville, CA 94608
Email:
TEL: (510) 547-7771 FAX: (510) 547-1983
ProjectNo: #0304; California Linen
PO:

Bill to:
Accounts Payable
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Requested TAT: **5 days**

Date Received: **08/11/2006**
Date Printed: **08/14/2006**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0608295-001	B26-25.0	Water	8/11/06	☐	A	B										
0608295-002	B31-35.0	Water	8/11/06	☐	A	B										

Test Legend:

1	G-MBTEX_W	2	TPH(DMO)_W	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

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Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 08/11/06
1466 66th Street		Date Received: 08/11/06
Emeryville, CA 94608	Client Contact: Eric Olson	Date Extracted: 08/15/06-08/16/06
	Client P.O.:	Date Analyzed 08/15/06-08/16/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0608295

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	B26-25.0	W	ND,i	ND	ND	ND	ND	ND	1	98
002A	B31-35.0	W	ND,i	ND	ND	ND	ND	ND	1	102
Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #0304; California Linen	Date Sampled: 08/11/06
		Date Received: 08/11/06
	Client Contact: Eric Olson	Date Extracted: 08/14/06
	Client P.O.:	Date Analyzed 08/16/06

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil*

Extraction method SW3510C Analytical methods SW8015C Work Order: 0608295

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0608295-001B	B26-25.0	W	ND,i	ND	1	108
0608295-002B	B31-35.0	W	ND,i	ND	1	107

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	NA	NA	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil;

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0608295

EPA Method SW8021B/8015Cm	Extraction SW5030B	BatchID: 23186	Spiked Sample ID 0608295-002A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex)£	ND	60	101	101	0	107	113	5.16	70 - 130	70 - 130
MTBE	ND	10	95.4	93.2	2.34	111	104	6.54	70 - 130	70 - 130
Benzene	ND	10	107	103	3.83	103	97.1	5.78	70 - 130	70 - 130
Toluene	ND	10	98.8	90.8	8.45	99.4	93.5	6.15	70 - 130	70 - 130
Ethylbenzene	ND	10	106	105	0.545	105	99.5	5.53	70 - 130	70 - 130
Xylenes	ND	30	96.7	96	0.692	100	96	4.08	70 - 130	70 - 130
%SS:	102	10	107	105	1.54	102	99	2.17	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 23186 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0608295-001A	8/11/06	8/16/06	8/16/06 4:57 AM	0608295-002A	8/11/06	8/15/06	8/15/06 2:25 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not applicable or not enough sample to perform matrix spike and matrix spike duplicate.

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0608295

EPA Method SW8015C	Extraction SW3510C				BatchID: 23164			Spiked Sample ID N/A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(d)	N/A	1000	N/A	N/A	N/A	101	101	0	N/A	70 - 130
%SS:	N/A	2500	N/A	N/A	N/A	86	86	0	N/A	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 23164 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0608295-001B	8/11/06	8/14/06	3/16/06 10:05 PM	0608295-002B	8/11/06	8/14/06	8/16/06 4:15 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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paul.king@rgaenv.com

Page 0608345

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

PROJECT NUMBER: 0304

PROJECT NAME: California Cuisine

SAMPLED BY: (PRINTED AND SIGNATURE) DMG

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPHmw / TPHmo	MBTEX					PRESERVATIVE	REMARKS
+1 B24-55.0 water	8/14/00	1127	water		7	X	X					Ice	Normal turnaround
+30 B32-30.0 water	↓	1330	↓		6	X	X					↓	" "
+5 B32-56.0 water	↓	0945	↓		7	X	X					↓	" "

RELINQUISHED BY: (SIGNATURE)	DATE 8/14/00	TIME 1455	RECEIVED BY: (SIGNATURE)	TOTAL NO. OF SAMPLES (THIS SHIPMENT)	LABORATORY:
RELINQUISHED BY: (SIGNATURE)	DATE 8/15/00	TIME 1000	RECEIVED BY: (SIGNATURE)	TOTAL NO. OF CONTAINERS (THIS SHIPMENT) 30	LABORATORY CONTACT: / LABORATORY PHONE NUMBER: ( )
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)	SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES ( )NO	

REMARKS:

ICE/T° ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

PRESERVATION	VOAS	O&G	METALS	OTHER

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0608345 **ClientID: RGAE** **EDF: NO**

Report to:
Paul King
RGA Environmental
1466 66th Street
Emeryville, CA 94608
Email:
TEL: (510) 547-777 FAX: (510) 547-198
ProjectNo: #0304; California Liner
PO:

Bill to
Accounts Payable
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: **08/15/2006**
Date Printed: **08/16/2006**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0608345-001	B24-55.0 Water	Water	08/14/2006	☐	A	B										
0608345-002	B32-30.0 Water	Water	08/14/2006	☐	A	B										
0608345-003	B32-56.0 Water	Water	08/14/2006	☐	A	B										

Test Legend:

1	G-MBTEX_W	2	TPH(DMO)_W	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Rosa Venegas

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental	Client Project ID: #0304; California Liner	Date Sampled: 08/14/06
1466 66th Street		Date Received: 08/15/06
Emeryville, CA 94608	Client Contact: Paul King	Date Extracted: 08/17/06
	Client P.O.:	Date Analyzed 08/17/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0608345

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	B24-55.0 Water	W	ND	ND	1.2	ND	ND	ND	1	113
002A	B32-30.0 Water	W	ND	ND	ND	ND	ND	ND	1	105
003A	B32-56.0 Water	W	ND	ND	ND	ND	ND	ND	1	112

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #0304; California Liner	Date Sampled: 08/14/06
		Date Received: 08/15/06
	Client Contact: Paul King	Date Extracted: 08/15/06
	Client P.O.:	Date Analyzed 08/17/06-08/22/06

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil*

Extraction method SW3510C Analytical methods SW8015C Work Order: 0608345

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0608345-001B	B24-55.0 Water	W	ND	ND	1	91
0608345-002B	B32-30.0 Water	W	220,g,b(f)	1700	1	88
0608345-003B	B32-56.0 Water	W	160,g,b	310	1	98

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	NA	NA	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil;

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0608345

EPA Method SW8021B/8015Cm	Extraction SW5030B	BatchID: 23233	Spiked Sample ID 0608343-005a

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex)£	ND	60	99	111	11.7	90.2	102	12.4	70 - 130	70 - 130
MTBE	ND	10	90.8	108	17.6	95.4	89.1	6.81	70 - 130	70 - 130
Benzene	ND	10	103	97	5.84	89	103	14.8	70 - 130	70 - 130
Toluene	ND	10	95.8	91.5	4.67	79.2	99	22.2	70 - 130	70 - 130
Ethylbenzene	ND	10	100	100	0	97	105	7.96	70 - 130	70 - 130
Xylenes	ND	30	87	91.7	5.22	94.7	96	1.40	70 - 130	70 - 130
%SS:	102	10	102	102	0	103	102	0.674	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 23233 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0608345-001A	8/14/06 11:27 AM	8/17/06	8/17/06 9:08 AM	0608345-002A	8/14/06 1:30 PM	8/17/06	8/17/06 9:38 AM
0608345-003A	8/14/06 9:45 AM	8/17/06	8/17/06 10:08 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not applicable or not enough sample to perform matrix spike and matrix spike duplicate.

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0608345

EPA Method SW8015C	Extraction SW3510C				BatchID: 23200			Spiked Sample ID N/A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(d)	N/A	1000	N/A	N/A	N/A	112	102	9.48	N/A	70 - 130
%SS:	N/A	2500	N/A	N/A	N/A	111	98	12.2	N/A	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 23200 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0608345-001B	8/14/06 11:27 AM	8/15/06	8/17/06 3:37 PM	0608345-002B	8/14/06 1:30 PM	8/15/06	8/22/06 2:15 AM
0608345-003B	8/14/06 9:45 AM	8/15/06	8/17/06 7:06 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

BOREHOLE B33 - B39
GROUNDWATER RESULTS

RGA Environmental, Inc.
1466 - 66th St
Emeryville, CA 94608
510-658-4363
510-834-0152 fax
paul.king@rgaenv.com

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

PROJECT NUMBER: 0304

PROJECT NAME: California Linen

SAMPLED BY: (PRINTED AND SIGNATURE) Eric Olsen

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH-MULTIMASS	EPA 8260					PRESERVATIVE	REMARKS
B33-25W +20	10-18-06		Water		7	X	X					ICE	Normal Turnaround
B34-25W +30	10-19-06		"		7	X	X					"	"
B35-25W +70	10-18-06		"		7	X	X					"	"
B36-25W +20	10-18-06		"		7	X	X					"	"
B37-25W +70	10-19-06		"		7	X	X					"	"
B38-25W +50	10-18-06		"		7	X	X					"	"
B39-25W +30	10-19-06		"		7	X	X					"	"

ICE/° 2.6

GOOD CONDITION _____ APPROPRIATE

HEAD SPACE ABSENT _____ CONTAINERS _____

DECHLORINATED IN LAB _____ PRESERVED IN LAB _____

	VOAS	O&G	METALS	OTHER
PRESERVATION				

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	TOTAL NO. OF SAMPLES (THIS SHIPMENT) 7	LABORATORY: McCampbell Analytical
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	TOTAL NO. OF CONTAINERS (THIS SHIPMENT) 49	LABORATORY CONTACT: Angela Rydelius / LABORATORY PHONE NUMBER: (925) 252-9262
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)	SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES (X)NO	

REMARKS:

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0610432 **ClientID: RGAE**

☐EDF ☐Fax ☐Email ☐HardCopy ☐ThirdParty

Report to:
Eric Olson
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Email:
TEL: (510) 547-7771 FAX: (510) 547-1983
ProjectNo: #0304; California Linen
PO:

Bill to:
Accounts Payable
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Requested TAT: **5 days**

Date Received: **10/20/2006**
Date Printed: **10/20/2006**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0610432-001	B33-25W	Water	10/18/2006	☐	B	A										
0610432-002	B34-25W	Water	10/19/2006	☐	B	A										
0610432-003	B35-25W	Water	10/18/2006	☐	B	A										
0610432-004	B36-25W	Water	10/18/2006	☐	B	A										
0610432-005	B37-25W	Water	10/19/2006	☐	B	A										
0610432-006	B38-25W	Water	10/18/2006	☐	B	A										
0610432-007	B39-25W	Water	10/19/2006	☐	B	A										

Test Legend:

1	8260B_W	2	G-MBTEX_W	3		4		5	
6		7		8		9		10	
11		12							

The following SampIDs: 0610432-001A, 0610432-002A, 0610432-003A, 0610432-004A, 0610432-005A, 0610432-006A, 0610432-007A contain testgroup. Please make sure all relevant testcodes are reported. Many thanks.

Prepared by: Nickole White

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

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Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/18/06
		Date Received: 10/20/06
1466 66th Street	Client Contact: Eric Olson	Date Extracted: 10/23/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed 10/23/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0610432

Lab ID	0610432-001B
Client ID	B33-25W
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	102	%SS2:	93
%SS3:	94		

Comments: i

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative; q) reported in ppm

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Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/19/06
		Date Received: 10/20/06
1466 66th Street	Client Contact: Eric Olson	Date Extracted: 10/24/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed 10/24/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0610432

Lab ID	0610432-002B
Client ID	B34-25W
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	100	%SS2:	93
%SS3:	94		

Comments: i

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative; q) reported in ppm

McCampbell Analytical, Inc.
"When Quality Counts"

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/18/06
		Date Received: 10/20/06
1466 66th Street	Client Contact: Eric Olson	Date Extracted: 10/24/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed 10/24/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0610432

Lab ID	0610432-003B
Client ID	B35-25W
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	100	%SS2:	93
%SS3:	95		

Comments: i

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative; q) reported in ppm

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RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/18/06
		Date Received: 10/20/06
1466 66th Street	Client Contact: Eric Olson	Date Extracted: 10/24/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed 10/24/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0610432

Lab ID	0610432-004B
Client ID	B36-25W
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	101	%SS2:	93
%SS3:	94		

Comments: i

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative; q) reported in ppm

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RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/19/06
		Date Received: 10/20/06
1466 66th Street	Client Contact: Eric Olson	Date Extracted: 10/24/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed 10/24/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0610432

Lab ID	0610432-005B
Client ID	B37-25W
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	99	%SS2:	94
%SS3:	94		

Comments: i

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative; q) reported in ppm

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RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/18/06
		Date Received: 10/20/06
1466 66th Street	Client Contact: Eric Olson	Date Extracted: 10/24/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed 10/24/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0610432

Lab ID	0610432-006B
Client ID	B38-25W
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	100	%SS2:	93
%SS3:	95		

Comments: i

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/19/06
		Date Received: 10/20/06
1466 66th Street	Client Contact: Eric Olson	Date Extracted: 10/24/06
Emeryville, CA 94608	Client P.O.:	Date Analyzed 10/24/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0610432

Lab ID	0610432-007B
Client ID	B39-25W
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	101	%SS2:	93
%SS3:	93		

Comments: i

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative; q) reported in ppm

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Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #0304; California Linen	Date Sampled: 10/18/06-10/19/06
		Date Received: 10/20/06
	Client Contact: Eric Olson	Date Extracted: 10/24/06-10/25/06
	Client P.O.:	Date Analyzed 10/24/06-10/25/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline *

Extraction method SW5030B Analytical methods SW8015Cm Work Order: 0610432

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
001A	B33-25W	W	ND,i	1	101
002A	B34-25W	W	ND,i	1	100
003A	B35-25W	W	ND,i	1	94
004A	B36-25W	W	ND,i	1	94
005A	B37-25W	W	ND,i	1	96
006A	B38-25W	W	ND,i	1	97
007A	B39-25W	W	ND,i	1	94

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	NA	NA

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #0304; California Linen	Date Sampled: 10/18/06-10/19/06
		Date Received: 10/20/06
	Client Contact: Eric Olson	Date Extracted: 10/20/06
	Client P.O.:	Date Analyzed 10/21/06-10/23/06

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil*

Extraction method: SW3510C Analytical methods: SW8015C Work Order: 0610432

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0610432-001A	B33-25W	W	ND,i	ND	1	105
0610432-002A	B34-25W	W	ND,i	ND	1	103
0610432-003A	B35-25W	W	ND,i	ND	1	108
0610432-004A	B36-25W	W	120,g,b,i	480	1	114
0610432-005A	B37-25W	W	110,g,b,i	880	1	111
0610432-006A	B38-25W	W	ND,i	ND	1	104
0610432-007A	B39-25W	W	89,g,d,i	350	1	106

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	NA	NA	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirits; p) see Case Narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0610432

EPA Method SW8260B **Extraction SW5030B** **BatchID: 24390** **Spiked Sample ID: 0610258-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME	ND	10	83.4	88.3	5.73	87	89.2	2.56	70 - 130	30	70 - 130	30
Benzene	ND	10	114	119	3.81	115	114	0.697	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	101	113	11.5	110	119	7.67	70 - 130	30	70 - 130	30
Chlorobenzene	ND	10	94.2	98.5	4.40	91.6	94.1	2.73	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	106	108	2.56	102	104	1.82	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	87.6	87.9	0.412	87.2	87.3	0.113	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	10	104	107	3.05	108	106	1.88	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	96.6	101	4.45	100	101	0.610	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	85.1	90.1	5.64	89.3	91.1	1.96	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	88.7	91.3	2.85	92.4	94.9	2.76	70 - 130	30	70 - 130	30
Toluene	ND	10	103	107	4.34	101	102	1.04	70 - 130	30	70 - 130	30
Trichloroethene	ND	10	82.8	86.6	4.54	82.2	82.2	0	70 - 130	30	70 - 130	30
%SS1:	106	10	100	100	0	100	98	2.02	70 - 130	30	70 - 130	30
%SS2:	96	10	94	95	1.17	95	95	0	70 - 130	30	70 - 130	30
%SS3:	98	10	95	95	0	96	97	0.525	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 24390 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0610432-001	10/18/06	10/23/06	0/23/06 11:20 PM	0610432-002	10/19/06	10/24/06	)/24/06 12:09 AM
0610432-003	10/18/06	10/24/06	)/24/06 12:57 AM	0610432-004	10/18/06	10/24/06	10/24/06 1:45 AM
0610432-005	10/19/06	10/24/06	10/24/06 2:32 AM	0610432-006	10/18/06	10/24/06	10/24/06 3:16 AM
0610432-007	10/19/06	10/24/06	10/24/06 4:03 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0610432

EPA Method SW8015Cm	Extraction SW5030B	BatchID: 24393	Spiked Sample ID: 0610416-004A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	99.4	105	5.52	100	88	12.9	70 - 130	30	70 - 130	30
MTBE	ND	10	113	112	0.990	105	103	1.84	70 - 130	30	70 - 130	30
Benzene	ND	10	93.4	98.9	5.75	103	87.7	15.7	70 - 130	30	70 - 130	30
Toluene	ND	10	79.9	92.1	14.1	93.8	73.6	24.1	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	98.3	98.5	0.196	90.1	78.2	14.2	70 - 130	30	70 - 130	30
Xylenes	ND	30	94.3	91	3.60	92.3	94.7	2.50	70 - 130	30	70 - 130	30
%SS:	115	10	99	98	1.14	97	98	2.02	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 24393 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0610432-001	10/18/06	10/25/06	10/25/06 4:10 AM	0610432-002	10/19/06	10/25/06	10/25/06 4:40 AM
0610432-003	10/18/06	10/24/06	10/24/06 7:11 PM	0610432-004	10/18/06	10/24/06	10/24/06 8:15 PM
0610432-005	10/19/06	10/24/06	10/24/06 9:20 PM	0610432-006	10/18/06	10/24/06	10/24/06 10:56 PM
0610432-007	10/19/06	10/24/06	10/24/06 11:28 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0610432

EPA Method SW8015C **Extraction SW3510C** **BatchID: 24424** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	N/A	1000	N/A	N/A	N/A	110	112	1.75	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	110	111	0.887	N/A	N/A	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 24424 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0610432-001	10/18/06	10/20/06	10/21/06 8:25 AM	0610432-002	10/19/06	10/20/06	10/23/06 2:29 PM
0610432-003	10/18/06	10/20/06	10/21/06 9:34 AM	0610432-004	10/18/06	10/20/06	10/21/06 2:07 PM
0610432-005	10/19/06	10/20/06	0/21/06 10:42 AM	0610432-006	10/18/06	10/20/06	0/21/06 11:50 AM
0610432-007	10/19/06	10/20/06	0/21/06 12:59 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

WELLS E1, E2, E3, E6, E7, I1, I2, MW1, MW2
GROUNDWATER RESULTS

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Emeryville, CA 94608
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paul.king@rgaenv.com

pgae 061105

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

PROJECT NUMBER: 0304

PROJECT NAME: California Linen

SAMPLED BY: (PRINTED AND SIGNATURE) Steve Carmack

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH Multiranse	MBTEX	PRESERVATIVE	REMARKS
E1-W	11/01/06	1210	GW	5 HCL VOAs 2 NP amber	7	X	X	ICE	Normal turnaround time.
E2-W		1640			7	X	X		
E3-W		1340			7	X	X		
E6-W		1425			7	X	X		
E7-W	10/31/06	1545			7	X	X		
I1-W	11/01/06	1310			7	X	X		
MW1-W		1600			7	X	X		
MW2-W		1020			7	X	X		

7.8°

ICE/T° _____
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB
PRESERVATION VOAS O&G METALS OTHER

TOTAL NO. OF SAMPLES (THIS SHIPMENT)

TOTAL NO. OF CONTAINERS (THIS SHIPMENT)

LABORATORY: McCampbell Analytical

LABORATORY CONTACT: Angela Rydelius

LABORATORY PHONE NUMBER: (925) 252-9262

SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES (✓)NO

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)
RELINQUISHED BY: (SIGNATURE)	11/3/06	615	RECEIVED BY: (SIGNATURE)
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)

REMARKS: Voas preserved w/ HCl

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(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0611045 **ClientID: RGAE**

☐ EDF ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty

Report to:
Steve Carmack
RGA Environmental
1466 66th Street
Emeryville, CA 94608
Email:
TEL: (510) 547-7771 FAX: (510) 547-1983
ProjectNo: #0304; California Linen
PO:

Bill to:
Accounts Payable
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Requested TAT: **5 days**

Date Received: **11/02/2006**
Date Printed: **11/02/2006**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0611045-001	E1-W	Water	11/01/2006	☐	A	B										
0611045-002	E2-W	Water	11/01/2006	☐	A	B										
0611045-003	E3-W	Water	11/01/2006	☐	A	B										
0611045-004	E6-W	Water	11/01/2006	☐	A	B										
0611045-005	E7-W	Water	10/31/2006	☐	A	B										
0611045-006	I1-W	Water	11/01/2006	☐	A	B										
0611045-007	MW1-W	Water	11/01/2006	☐	A	B										
0611045-008	MW2-W	Water	11/01/2006	☐	A	B										

Test Legend:

1	G-MBTEX_W	2	TPH(DMO)_W	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

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Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental	Client Project ID: #0304; California Linen	Date Sampled: 10/31/06-11/01/06
1466 66th Street		Date Received: 11/02/06
Emeryville, CA 94608	Client Contact: Steve Carmack	Date Extracted: 11/04/06-11/06/06
	Client P.O.:	Date Analyzed: 11/04/06-11/06/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0611045

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	E1-W	W	ND	ND	ND	ND	ND	ND	1	100
002A	E2-W	W	1900,b	ND	0.52	6.9	17	150	1	97
003A	E3-W	W	2600,b	ND<17	ND<1.7	ND<1.7	44	350	3.3	99
004A	E6-W	W	310,a,i	ND	4.9	ND	ND	6.4	1	106
005A	E7-W	W	ND	ND	ND	ND	ND	ND	1	104
006A	I1-W	W	ND,i	ND	ND	ND	ND	ND	1	105
007A	MW1-W	W	8500,b	ND<50	ND<5.0	30	69	1000	10	103
008A	MW2-W	W	ND	ND	ND	ND	ND	ND	1	110

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #0304; California Linen	Date Sampled: 10/31/06-11/01/06
		Date Received: 11/02/06
	Client Contact: Steve Carmack	Date Extracted: 11/02/06
	Client P.O.:	Date Analyzed 11/07/06-11/09/06

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil*

Extraction method: SW3510C Analytical methods: SW8015C Work Order: 0611045

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0611045-001B	E1-W	W	ND	ND	1	115
0611045-002B	E2-W	W	1100,d,g,b	1500	1	111
0611045-003B	E3-W	W	640,d,g	260	1	100
0611045-004B	E6-W	W	260,g,d,i	470	1	86
0611045-005B	E7-W	W	ND	ND	1	115
0611045-006B	I1-W	W	ND,i	ND	1	114
0611045-007B	MW1-W	W	5800,d,g	2600	1	114
0611045-008B	MW2-W	W	ND	ND	1	111

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	NA	NA	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirits; p) see Case Narrative.

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0611045

EPA Method SW8021B/8015Cm Extraction SW5030B BatchID: 24632 Spiked Sample ID: 0611054-003E

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	102	102	0	101	103	2.10	70 - 130	30	70 - 130	30
MTBE	ND	10	97.9	97.2	0.680	107	105	1.95	70 - 130	30	70 - 130	30
Benzene	ND	10	95.9	96.1	0.253	102	95	6.90	70 - 130	30	70 - 130	30
Toluene	ND	10	89.2	88.8	0.458	94.1	88	6.75	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	94.6	94.8	0.271	98.9	101	1.68	70 - 130	30	70 - 130	30
Xylenes	ND	30	86.3	89.7	3.79	94.7	95	0.351	70 - 130	30	70 - 130	30
%SS:	105	10	100	100	0	102	99	2.86	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 24632 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0611045-001	1/01/06 12:10 PM	11/04/06	1/04/06 12:35 PM	0611045-002	11/01/06 4:40 PM	11/06/06	1/06/06 10:21 PM
0611045-003	11/01/06 1:40 PM	11/06/06	11/06/06 8:21 PM	0611045-004	11/01/06 2:25 PM	11/06/06	1/06/06 10:51 PM
0611045-005	10/31/06 3:45 PM	11/04/06	11/04/06 5:51 AM	0611045-006	11/01/06 1:10 PM	11/04/06	11/04/06 6:21 AM
0611045-007	11/01/06 4:00 PM	11/06/06	11/06/06 7:51 PM	0611045-008	1/01/06 10:20 AM	11/04/06	11/04/06 6:51 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0611045

EPA Method SW8015C **Extraction SW3510C** **BatchID: 24594** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	N/A	1000	N/A	N/A	N/A	112	114	1.87	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	121	112	8.19	N/A	N/A	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 24594 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0611045-001	11/01/06 12:10 PM	11/02/06	11/08/06 5:43 PM	0611045-002	11/01/06 4:40 PM	11/02/06	11/08/06 6:50 PM
0611045-003	11/01/06 1:40 PM	11/02/06	11/07/06 12:26 AM	0611045-004	11/01/06 2:25 PM	11/02/06	11/09/06 11:25 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0611045

EPA Method SW8015C **Extraction SW3510C** **BatchID: 24633** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	N/A	1000	N/A	N/A	N/A	116	113	2.76	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	91	91	0	N/A	N/A	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 24633 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0611045-005	10/31/06 3:45 PM	11/02/06	11/08/06 2:15 PM	0611045-006	11/01/06 1:10 PM	11/02/06	11/08/06 3:30 PM
0611045-007	11/01/06 4:00 PM	11/02/06	11/08/06 2:23 PM	0611045-008	11/01/06 10:20 AM	11/02/06	11/08/06 4:37 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.