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February 29, 2008

Ms. Donna Drogos
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Subject: Final Site Characterization Report, Screening-Level Risk Assessment and Recommendations for Soil Excavation
Fuel Leak Case RO0000337
California Linen Rental Company
989 41st Street, Oakland, California

Dear Ms. Drogos:

You will find attached one copy of the above-reference report prepared by Zemo & Associates LLC. My consultant and the property developer's consultant request a meeting with you and your staff to discuss the report and its conclusions and recommendations during the week of March 17, 2008. Please contact Dawn Zemo of Zemo & Associates at (775) 831-6179 (or at dazemo@zemoassociates.com) to schedule the meeting.

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.

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

Cordially,

CALIFORNIA LINEN SUPPLY CO., INC.

Donald J. Miller
President

DJM:dm
Enc.

Zemo & Associates LLC
986 Wander Way
Incline Village, NV 89451
775-831-6179
dazemo@zemoassociates.com

February 29, 2008

Donald Jay Miller
California Linen Supply Co.
2104 Magnolia Way
Walnut Creek, CA 94595

Subject: Submittal of Final Site Characterization Report, Screening-Level Risk Assessment and Recommendations for Soil Excavations
Fuel Leak Case RO0000337
California Linen Rental Company
989 41st Street, Oakland, California

Dear Mr. Miller:

Zemo & Associates LLC is pleased to transmit the subject report to you and Alameda County Environmental Health Department.

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 state of California GEOTRACKER database, as required.

I appreciate the opportunity to provide professional environmental consulting services to California Linen.

Sincerely,

ZEMO & ASSOCIATES LLC

Dawn A. Zemo, P.G., C.E.G.
Principal Hydrogeologist

DAZ/sas

Final Site Characterization Report, Screening-Level Risk Assessment and Recommendations for Soil Excavation
February 29, 2008

Site Name:

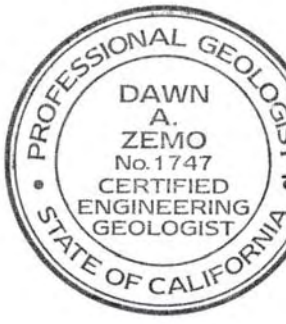
Former California Linen Facility
989 41st Street
Oakland, California
Fuel Leak Case No. RO0000337

Prepared for:

California Linen Supply Company
Walnut Creek, California

Prepared by:

Zemo & Associates LLC
986 Wander Way
Incline Village, Nevada
89451



Dawn A. Zemo
PG No. 4824
CEG No. 1747

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1. Introduction and Purpose

This report was prepared by Zemo & Associates LLC (Zemo) on behalf of California Linen Supply Company (California Linen). The site characterization work described herein was performed by RGA Environmental (RGA) in late 2007 to fill in data gaps so that an evaluation of potential risks to human health and groundwater quality posed by current site conditions could be completed. Zemo was engaged by California Linen as a specialty technical consultant to develop this scope of field work implemented by RGA, to review and assimilate the existing site data with respect to potential risk posed by the site, to prepare this characterization report and to recommend actions that will result in a timely site closure.

This report provides a brief summary of background information regarding the site and previous site investigations, results from the recent site investigation conducted in late 2007, a comprehensive discussion of soil and groundwater data with comparisons to regulatory criteria, a screening-level human health risk assessment, and a comparison of site conditions to the San Francisco Regional Water Quality Control Board's (RWQCB's) "Low-Risk Guidelines" (RWQCB 1996). This report also provides recommendations for further remediation work intended to achieve site closure.

2. Site Background

The site is located at 989 41st Street, Oakland, California. The site is shown on the Site Location Map (Figure 1) and on the Site Map and Vicinity (Figure 2). The site was used as a linen cleaning facility until May 2007, and is now vacant. An Environmental Assessment Report prepared by RGA (RGA 2006b) indicated that the site historically was used as a nursery from about 1911 to 1920 and as a commercial laundry and contractor's corporation yard from about 1920 to 1955. As described in several RGA reports (e.g., RGA 2007a,b,c), three underground storage tanks (USTs)

were removed from the western portion of the site in February 1989. These tanks included a 10,000-gallon gasoline tank, a 550-gallon gasoline tank and a 2,500-gallon fuel oil tank. Petroleum hydrocarbons were detected from each of the three tank pits, a UST Unauthorized Release Form was filed, and the Alameda County Department of Environmental Health (ACDEH) began regulatory oversight at the site (Fuel Leak Case No. RO0000337). Locations of the USTs are shown on Figure 2. Site investigation and remediation activities are summarized in Section 3.

Two subsurface investigations for petroleum distillates (paint thinner) are presently being conducted by others in the immediate vicinity of the site (west and slightly north), and a third petroleum investigation is ongoing 250 feet south of the site (RGA 2007a).

3. Previous Investigations

Multiple phases of soil borings, grab-groundwater sampling and monitoring well installation have occurred at the site since ACDEH began regulatory oversight in 1989. These investigations and results are summarized in detail in several RGA reports (RGA 2003; 2005a,b; 2006a,b; 2007a,b,c,d) and the detailed information for each investigation is not repeated in this document. This section provides a brief summary of the scope of activities completed during the previous investigations, and provides a cumulative tabulation of soil and groundwater analytical results. Boring and monitoring well locations advanced at the site to date are shown on Figure 3; analytical data for all groundwater and soil samples collected to date are presented in Tables 1 to 5.

Three monitoring wells (MW-1, MW-2 and MW-3) were installed adjacent to the UST pits by Miller Environmental Company (MEC) in September 1989; MEC found that groundwater occurred at depths between 7 and 9 feet. After five quarterly monitoring events, MEC reported that groundwater was not impacted by petroleum constituents except for at MW-1. MW-3 was subsequently destroyed in July 1991 with approval

from ACDEH. Wells MW-1 and MW-2 were sampled in November 1992 and June 1993 with similar results.

In January 2003, ACDEH requested additional investigation work at the site. Between 2003 and 2007 there were multiple investigation phases conducted by RGA, each building on the results from the preceding investigation. In brief, the field activities were as follows. RGA monitored wells MW-1 and MW-2 in April 2003; petroleum (gasoline) constituents were only detected in MW-1 (RGA 2003). To investigate the lateral extent of the gasoline plume that occurred beneath the western portion of the site, in July 2004, RGA collected grab-groundwater samples from borings B1, B2 and B3 and soil gas samples at a depth of 3 feet beneath the building from locations SG1, SG2 and SG3, and evaluated preferential pathways (e.g., utilities) (RGA 2005a). In May, September and October 2005, RGA monitored well MW-1 and collected soil and grab-groundwater samples from downgradient offsite borings B4 through B12 (RGA, 2005b). In January 2006, RGA collected soil and grab-groundwater samples from borings B13 through B17 (RGA 2006a). In August, September and October 2006, RGA expanded the investigation to include the central and eastern portion of the site and collected soil samples and/or grab-groundwater samples from borings B18 through B27 and B29 through B48. At this time RGA also investigated the eastern portion of the site for evidence of USTs and found a small UST beneath the sidewalk along 41st Street, and found an area of shallow "geophysical anomaly" at the far eastern portion of the property (RGA 2007a). In February 2007, RGA installed monitoring wells MW-4, MW-5 and MW-6 to determine whether the grab-groundwater samples collected in these areas of the site in 2006 with reported elevated diesel and motor-oil range total petroleum hydrocarbons (TPHd and TPHmo) were representative of dissolved-phase groundwater conditions. Samples from these three new monitoring wells were non-detect for TPHd and TPHmo, indicating that the reported concentrations for grab-groundwater data from 2006 were not representative (RGA 2007b).

4. Remediation Activities to Date

As discussed earlier, three USTs were removed by MEC in 1989. In December 2006, RGA removed a 300-gallon diesel fuel UST from beneath the sidewalk along 41st Street, which is in the northwest-central area of the site (RGA 2007c). Soil samples were collected from native soil below the tank pit at depths of approximately 8, 10 and 12 feet below ground surface. Soil from the tank pit was stockpiled and analyzed; based on relatively low concentrations and with approval from the fire department the stockpiled soil was used to backfill the pit (RGA 2007c).

In October 2006, RGA installed extraction wells E1, E2, E3, E6, E7, I1 and I2 within the gasoline plume area. These extraction wells were screened between the depths of 5 and 25 feet. On October 12, 2006 CalClean Inc. commenced dual-phase extraction (DPE; soil vapor and groundwater) activities from these seven wells and monitoring well MW-1. On October 12, 2006 the maximum vapor concentrations of benzene and TPHg were detected in MW-1, at 68 parts per million by volume (ppmv) and 8,800 ppmv, respectively. In March and April 2007, RGA installed additional extraction wells E4, E8 and E9 along the western site boundary. Wells E4 and E8 were slanted borings, and were screened between the approximate vertical depths of 8 and 28 feet, and 15 and 30 feet, respectively. Well E9 was a vertical well and was screened between the depths of 25 and 35 feet. Between March 20 and April 1, 2007 the DPE system was shut down to observe “re-bound” and to connect the three new extraction wells. No rebound in vapor concentrations was observed (combined influent TPHg was 525 ppmv on March 12, and 271 ppmv on April 1). On April 2, 2007 the maximum vapor concentrations of benzene and TPHg were detected in MW-1, at 3.6 ppmv and 350 ppmv, respectively. DPE activities were shut down on August 7, 2007 because hydrocarbons were no longer detected in the influent soil vapor. In excess of 13,000 pounds of hydrocarbons were removed by the DPE process as of March 14, 2007. These activities and results are documented in RGA 2007a,d,e,f.

5. Recent Investigation to Complete Site Characterization (October 2007 through January 2008)

The purpose of the recent investigation program was to fill-in soil and groundwater data gaps to complete the necessary site characterization which would enable a thorough evaluation of potential risks to human health and groundwater quality posed by current site conditions. Based on previously-existing data, information was needed in two key areas: (1) confirm the lateral and vertical extent of petroleum constituents in groundwater (including assessment of the previously-reported "oil-range" plume), and (2) obtain adequate data for metals and polycyclic aromatic hydrocarbons (PAHs) in shallow site soil for assessment of human health risk under a residential exposure scenario.

Based on these goals, a field investigation was implemented where 32 borings were drilled, 108 soil samples were collected, 98 soil samples were analyzed, one new groundwater monitoring well (MW-7) was installed across the water table near well MW-4, and all on-site monitoring wells were sampled in October 2007 (prior to installation of MW-7) and January 2008 (following installation of MW-7). The soil boring locations and analytical program were selected to provide adequate lateral and vertical coverage to assess risk. Several borings were re-drilled at pre-existing locations to collect additional data; such borings are denoted as "-a" in tables and laboratory reports. For convenience, the location is identified without the "-a" in the text and figures of this report. Depending on the individual location, the soil samples were analyzed for TPHg, TPHd, TPHmo (using EPA 8015M); benzene, toluene, ethylbenzene and total xylenes (BTEX) (using EPA 8021); PAHs (using EPA 8270 Selective Ion Mode [SIM]); and/or CAM17 metals. Well MW-7 was installed to intercept the water table and shallowest groundwater in the vicinity of the former grab-groundwater sample B15 where oil-range constituents had been reported in 2006; nearby well MW-4 monitors slightly deeper groundwater. Well MW-7 was screened between the depths of 7 and 20 feet and well MW-4 is screened between the depths of 18 and 23 feet. All site wells were monitored for petroleum constituents

(TPHg, TPHd, TPHmo, BTEX and methyl tert-butyl ether [MTBE]). The field work was performed by RGA. A report documenting the RGA field methods, sampling locations, boring logs and copies of the laboratory data packages is included as Appendix A.

Analytical results for soil samples are included on Tables 1 through 3. Analytical results for groundwater samples from site monitoring wells are shown on Table 4. Analytical results for grab-groundwater samples collected from soil borings are shown on Table 5. For completeness, all soil and groundwater data collected to date are included on the tables. Analytical results are discussed in Section 6 of this report.

6. Discussion of Results and Comparison to Regulatory Criteria

This section provides an evaluation of the soil and groundwater conditions at the site using all available historical and recently collected data. To put the analytical results into context, the data are compared to commonly-used regulatory screening criteria or water quality objectives.

6.1 Lateral and Vertical Extent of Chemicals in Soil

Site soil has been tested for total petroleum hydrocarbons, BTEX, PAHs, and metals. All available analytical results for soil are presented in Tables 1 through 3. Sample nomenclature is the boring location and depth of soil sample (e.g., B47-1 indicates the sample collected at a depth of 1 foot). Concentrations that exceed applicable local, state or federal regulatory screening criteria for residential land use are highlighted on each table. The screening criteria used for this evaluation are (1) Environmental Screening Levels published by RWQCB (ESLs), (2) California Human Health Screening Levels published by the California Office of Environmental Health Hazard Assessment (CHHSLs), and (3) Preliminary Remediation Goals published by Region 9 USEPA (PRGs). Locations that exceed regulatory residential screening criteria for shallow soil are shown on Figure 4.

6.1.1 Petroleum Hydrocarbons and BTEX

Petroleum is detected in soil in several areas of the site; however, concentrations are relatively low. The lateral and vertical extent of TPH or BTEX concentrations that exceed regulatory screening criteria are very limited. Elevated TPHd/mo occurs in shallow soil in the vicinity of the maintenance shed (borings B41, B42 and B60, to a maximum depth of 3 feet), and in soil at and below the water table at the former 300-gallon UST pit (at 7 to 10 feet). Elevated TPHg and BTEX occurs in soil at and below the water table in the gasoline plume area (borings E8 and I2; data collected prior to completion of DPE remediation). The lateral and vertical extent of each of these areas is defined.

6.1.2 Polycyclic Aromatic Hydrocarbons

PAHs are natural components of heavier petroleum products (e.g., fuel oils) and are also components of combustion-derived particulates that are ubiquitous in shallow soil in the modern urban environment. Soil samples were analyzed for PAHs using EPA Method 8270 SIM, which produces very low detection limits suitable for assessing human health risk. PAHs were analyzed for in 55 soil samples, and were detected in only 11 samples. Where detected, individual PAH concentrations are low; the only samples that exceed residential screening criteria are locations B41-2.5 and B60-1. The relatively elevated PAHs appear to be correlated with elevated TPHd/mo at these locations, which indicates that the heavier petroleum may be the source of the elevated PAHs.

6.1.3 Metals

A total of 55 soil samples have been analyzed for CAM 17 metals, and 10 additional samples have been analyzed only for lead. Because they are naturally occurring, metals are detected in virtually every shallow soil sample across the site. The only metals that exceed the lowest of the residential screening criteria (ESLs) in more than one sample are lead, arsenic, cobalt, thallium, vanadium and zinc. Based on

review of sampling results, it can be concluded that measured vanadium concentrations in soil represent background. The elevated concentrations of cobalt, thallium and zinc are below CHHSLs; elevated thallium and zinc are co-located with elevated concentrations of lead and/or arsenic. The only metals that exceed the state residential screening criteria (CHHSLs) in more than one sample are lead and arsenic. Both of these metals are commonly elevated in San Francisco Bay Area fill and shallow soil. Lead was detected at concentrations exceeding 1,000 milligrams per kilogram (mg/kg) in two of the 65 samples, at B47-2 (4,800 mg/kg) and B52-3 (2,500 mg/kg). The highest concentration of arsenic was 130 mg/kg, found at B47-0.5. The six samples that exceed residential screening criterion for lead are B45-0.5, B45-5, B47-2, B52-3, B52-5 and B61-1. Sample MW7-1 also exceeded the screening criterion for lead, however its "duplicate" sample (B15a-1), which was collected from the same borehole, did not. The average of these two samples does not exceed the screening criterion. For arsenic, the residential screening criterion is below "background" for the Bay Area soils. At Bay Area sites with no known point sources of arsenic, it is not uncommon to find concentrations up to about 10 mg/kg or higher. Based on the data from this site, we have assumed local background concentrations to be up to 10 mg/kg. The two samples that exceed the residential screening criterion and are higher than local background levels for arsenic (10 mg/kg) are B47-1 and B52-1. The lateral and vertical extents of the elevated lead and arsenic are well constrained, except for the vertical component for lead at borings B45 and B52.

6.1.4 Summary of Soil Data

In summary, site data show that the residual petroleum in soil at the site is very limited in extent, and BTEX is limited to deeper soil at a few locations in the gasoline plume area. PAHs are either not detected or are detected at very low concentrations, and only two locations exceed residential screening criteria. Shallow soil does not contain elevated concentrations of metals requiring mitigation, except for lead at four locations and arsenic at two locations. In addition, the fill material within the shallow "geophysical anomalies" exceeds the screening criterion for lead. The lateral and

vertical extent of the concentrations that exceed regulatory screening criteria for residential land use are adequately defined for assessing risk to human health and groundwater quality.

6.2 Lateral and Vertical Extent of Petroleum Hydrocarbons in Groundwater

Site groundwater has been tested on multiple occasions for TPHg, TPHd, TPHmo, BTEX and MTBE. All available analytical results for groundwater samples from on-site monitoring wells and for on-site and off-site grab-groundwater borings are presented in Tables 4 and 5, respectively. Concentrations from monitoring wells that exceed applicable water quality objectives (WQOs) are highlighted on the table. The gasoline source area and current groundwater data are shown on Figure 5. A hydrogeologic cross-section showing groundwater results is shown on Figure 6.

The only dissolved petroleum constituents detected in site monitoring wells are associated with the gasoline plume on the western portion of the property. The gasoline plume does not contain MTBE. The lateral and vertical extent of TPHg and BTEX in groundwater is defined. In the downgradient direction, the TPHg and BTEX plume does not extend west of Linden Street, and the extent was delineated in 2005 and 2006 by non-detect results for TPHg and BTEX from grab-groundwater samples at borings B9, B31 and B32 (Table 5; Figure 6). The vertical extent of TPHg and BTEX in groundwater is delineated by non-detect results from well E9 (screened 25 to 35 feet), and by deep grab-groundwater samples at borings B24 (B24-55, screened from 51 to 55 feet; in the source area and all non-detect except for 1.2 micrograms per liter [µg/l] benzene) and B32 (B32-56, screened from 52 to 56 feet; downgradient) (Figure 6). The limited lateral and vertical extent of the plume, and the significant decrease in total BTEX and TPHg concentrations in MW-1 between 1991/1992 and 2005, prior to implementing DPE remediation, confirms that natural attenuation is active in site groundwater. The concentrations of benzene and TPHg at MW-1 in May 2005 (prior to implementing the DPE remediation) were 2,400 and 13,000 µg/l, respectively; the monitoring wells that exceed primary WQOs as of

January 2008 are E8 (benzene at 1.2 µg/l) and MW-1 (benzene at 1.8 µg/l). As of January 2008, secondary WQOs are exceeded only at E3 and E8 (TPH and total xylenes). These data confirm that the DPE remediation was effective, and that residual concentrations are expected to continue to decrease over time by natural attenuation. Data on Table 4 show that groundwater concentrations are reasonably stable since shut down of the DPE system in August 2007.

Groundwater data from wells MW-4, MW-5 and MW-7, which have been consistently non-detect, show that there is no TPHd/mo plume on the western portion of the site. Results from MW-7 show that there is no sheen present or TPHd/mo dissolved in groundwater near the water table at that location. This proves that the residual petroleum (weathered diesel or fuel oil) in soil, including that within the 300-gallon diesel UST pit, is not a source to groundwater. Data from MW-6 in the eastern portion of the site shows that there is not a TPHd/mo plume beneath the oil-affected soil in the maintenance shed area, and therefore this oil-affected soil is not a source to groundwater. Repeatable non-detect data from wells MW-4, MW-5, MW-6 and MW-7 prove that the elevated TPHd/mo results from the grab-groundwater samples collected from borings advanced by RGA in 2006 and reported in 2007 were anomalous, and likely resulted from sampling or analytical error.

7. Hydrogeology and "Site Conceptual Model"

The site is located within the East Bay Plain, which slopes gently west towards San Francisco Bay. Up to 1000 feet of unconsolidated sediments underlie the East Bay Plain, with bay muds and alluvial fan deposits comprising the upper 100 to 300 feet of section. The alluvial fan deposits are primarily fine-grained (silt and clay) with some sand and gravel layers. Regional groundwater flow is westerly toward San Francisco Bay. The soil profile beneath the site from ground surface to a depth of about 55 feet consists of 1 to 3 feet of artificial fill underlain by primarily fine-grained native soil (silt and clay), with interbedded sandier lenses. Based on site monitoring wells, the silt is saturated and the potentiometric surface/water table occurs at a depth ranging from 4 to 11 feet, most frequently between 7 and 9 feet. Based on

RGA field purge forms from February 2007, the upper 30 feet of the saturated zone is low yielding (wells often pump or purge dry), and the shallow groundwater has an average specific conductance of approximately 800 micro-Siemens per centimeter, which equates to approximately 400 parts per million total dissolved solids (TDS). The horizontal hydraulic gradient direction is southwesterly, based on the data from a neighboring site (RGA 2007a). A residual petroleum hydrocarbon "smear zone", where residual petroleum is trapped within the soil due to water table fluctuations, is present between the depths of about 7 and 10 feet near the petroleum release areas of the site (the former USTs on the west and the former maintenance shed on the east). There is no sheen or measurable thickness of petroleum product on the water table. As of January 2008, the lateral extent of groundwater impacted by dissolved petroleum constituents was limited to about 80 feet by 20 feet, and the vertical extent is limited to the upper 30 feet. Groundwater analytical data from MW-1 shows a significant decline in TPHg and total BTEX concentrations between 1991/1992 and 2005 (prior to implementing DPE remediation), which confirms that natural attenuation is active in site groundwater. The shallow site groundwater may meet the definition of a "potential source of drinking water" per State Water Resources Control Board (State Board) Resolution 88-63, however its use is highly unlikely due to low yield, average TDS that approach secondary drinking water standards, and very shallow depth (shallower than a required sanitary seal depth for a community water supply well). Site soil above the water table is generally not impacted by petroleum hydrocarbons, PAHs or metals except for at a few limited locations.

The site is located within a mixed residential-commercial area, and probable future site use is residential. The potential future site receptors would be construction workers and residents. Development plans were not finalized as of the date of this report; however, it is anticipated that the current land surface will be the approximate land surface during and after development. Construction workers could be exposed to soil to a depth of about 7 feet (the water table) or deeper and incidental groundwater contact. The future site residents could be exposed to shallow soil (to a depth of 5 feet), and not likely exposed to soil at or below the water table (7 feet or

deeper). Residents could also be exposed to soil vapors (if any) in the vicinity of the former gasoline plume. Because domestic water would be supplied by a utility, it is improbable that residents would be exposed to direct contact or ingestion of site groundwater.

8. Screening-Level Human Health Risk Assessment

A screening-level (or "Tier 1") risk evaluation is performed by comparing site data to tables of concentrations that are published by regulatory agencies that are intended to screen out sites that are not expected to pose an unacceptable risk. This is an inherently conservative (protective) evaluation, and is made even more conservative by the typical practice of comparing each individual sample concentration to the screening criteria rather than by calculating average concentrations across the site or across a probable exposure area. In the San Francisco Bay Area, there are three sets of screening criteria that are routinely used for Tier 1 evaluations: (1) ESLs published by the RWQCB, (2) CHHSLs published by the California Office of Environmental Health Hazard Assessment, and (3) PRGs published by USEPA Region 9. In this evaluation, ESLs and CHHSLs for residential exposure have been used as screening tools. Locations that exceed screening levels require either further site-specific risk assessment or mitigation.

The most likely future use for the site is residential. Potential future receptors are site residents and construction workers. Potential exposure pathways to chemicals in site soil and groundwater for the resident are direct contact with shallow soil above the water table (0 to 5 feet) and vapors migrating into indoor air from the groundwater in the western part of the property. Potential exposure pathways for the construction worker are direct contact with soil to a depth of about 7 feet (the water table) or deeper, and incidental groundwater contact. Because domestic water will be supplied by a utility, it is improbable that residents would be exposed to direct contact or ingestion of site groundwater.

The chemicals of potential concern are petroleum hydrocarbons (TPH and BTEX) in soil, groundwater and/or vapor, and PAHs and metals in soil.

As discussed in Section 6.1, very few locations at the site have soil concentrations that exceed residential screening criteria in the 0- to 5-foot interval. For petroleum, the ESLs for TPHd/mo are exceeded at B41-0.5, B41-2.5, B41-3, B42-0.5, B42-3, and B60-1. For PAHs, the ESLs are exceeded at B41-2.5 and B60-1. For metals, the ESLs or CHHSLs for lead or arsenic are exceeded at four locations (six samples): B45-0.5, B45-5, B47-2, B52-3, B52-5 and B61-1. These areas of exceedances are limited in extent; the vast majority of the shallow soil at the site meets residential screening criteria and is unlikely to pose unacceptable risk to future residents. The locations with TPH or PAH exceedances are immediately adjacent to one another (within about 25 feet), suggesting a source area and not just a random occurrence. Likewise, the exceedances for metals at B47 and B52 to 3 feet are immediately adjacent to one another, suggesting a source area and not just a random occurrence. Conversely, the exceedance for lead at B45-5 and B61-1 does not extend to immediately adjacent locations, and suggests a random occurrence rather than a source area. For these two locations, a “representative concentration” to which residents could be exposed could be considered, which would be the average of the adjacent data at the respective depths. Using this approach, the “representative concentrations” for lead for the B45 area at 5 feet and the B61 area at 1 foot are 130 and 242 mg/kg, respectively. The B61-1 “representative concentration” exceeds the residential screening criterion. As a point of information, the site-wide 95% upper confidence limit (UCL) concentration for lead is 140 mg/kg, calculated using all shallow soil data except that at B47 and B52; this value is below the residential screening criterion.

For groundwater, the potential exposure pathway for residents is vapors from groundwater to indoor air. In 2007, the RWQCB eliminated this set of ESLs from their update. However, the 2005 ESL for benzene for the groundwater to indoor air pathway was 1,900 µg/l for low permeability soil and 540 µg/l for high permeability

soil. The highest benzene concentration for any site well in January 2008 was 1.8 µg/l, orders of magnitude below the ESL. Therefore, site groundwater is unlikely to pose an unacceptable risk to future residents via the vapor intrusion pathway.

In summary, this screening-level risk assessment finds that current site conditions are unlikely to pose a health risk to future site residents except potentially for limited areas that exceed residential screening criteria. These areas are limited to three locations for TPH, two locations for PAHs, and four locations for metals (lead and arsenic). In addition, the fill within the "geophysical anomalies" exceeds the residential screening criterion for lead. The locations that exceed screening criteria could be further evaluated using a site-specific quantitative risk assessment or remediated to residential screening criteria. This issue will be addressed in Section 10.

9. Comparison of Site Conditions to "Low-Risk" Guidelines

This section discusses current site conditions within the context of the January 5, 1996 RWQCB "Supplemental Instructions" (guidance) pertaining to the management of petroleum hydrocarbon sites. The guidance was developed to facilitate closure of "low-risk" cases as per a December 8, 1995 letter from the State Board, in which the State Board urged local agencies to close low-risk "soil only" cases and not to require active remediation of low-risk "groundwater" cases but rather rely on bioremediation/natural attenuation. In their 1996 guidance, the RWQCB provided six criteria that define a "low-risk groundwater case". These six criteria are discussed below and site conditions are discussed as they pertain to the criteria.

Criterion 1. The leak has been stopped and ongoing sources, including free product, has been removed or remediated.

Three USTs that leaked were removed from the site many years ago (1989) and a small diesel/fuel oil UST was removed in 2006. Site operations have ceased and there are no potential sources for new leaks. There is residual petroleum in soil in limited areas, but it is bound up in the soil and does not flow by gravity. There is no indication of measurable free product in site monitoring wells. Dual-phase extraction was implemented in the gasoline-release source area in October 2006 and was shut down in August 2007 after conditions became asymptotic. Thirteen of the fifteen monitoring wells are either non-detect or meet primary WQOs, indicating that the petroleum remaining in site soil is not a potential ongoing source to groundwater.

Criterion 2. The site has been adequately characterized.

Site investigations have adequately characterized the lateral and vertical distribution of petroleum hydrocarbons, PAHs and metals in soil and/or groundwater to the extent necessary to assess if they pose a threat to human health, the environment or other sensitive receptors.

Criterion 3. The dissolved hydrocarbon plume is not migrating.

The vast majority of groundwater beneath the site is not impacted by dissolved petroleum. A residual gasoline plume exists at the western portion of the property and did not extend off-site even prior to implementing DPE remediation. In the source area (at MW-1), concentrations of TPHg and BTEX decreased significantly between 1991/1992 and 2005, prior to implementing DPE remediation. Both of these conditions confirm that natural attenuation is active in site groundwater. As of January 2008, only two of 15 locations slightly exceed primary WQOs (benzene at 1.2 and 1.8 µg/l at E8 and MW-1, respectively). Most locations also meet or are very close to secondary WQOs for TPH and toluene, ethylbenzene and total xylenes. Where WQOs are

exceeded, groundwater concentrations appear to be stable with very slight rebound since shut down of the DPE system in August 2007. Monitoring wells in the gasoline plume have been sampled twice since the shut down (October 2007 and January 2008).

Based on existing groundwater concentrations, it is expected that site groundwater will meet applicable WQOs at all locations before the resource is needed due to ongoing natural attenuation.

Criterion 4. No water wells, deeper drinking water aquifers, surface water or other sensitive receptors are likely to be impacted.

The lateral and vertical extent of the site groundwater plume is very limited and is defined by non-detectable concentrations in all three dimensions. Therefore, none of the subject sensitive receptors are likely to be impacted. Due to low groundwater concentrations on site and the fact that no free product is present, the site poses no threat to utility lines or other potential conduits.

Criterion 5. The site presents no significant risk to human health.

Based on a screening-level risk assessment using a conservative sample-by-sample comparison to residential screening criteria, shallow site soil does not pose a risk to human health with the potential exception of three locations where TPH and/or PAHs exceed screening criteria and four locations where lead and/or arsenic exceed screening criteria and at the “geophysical anomalies”. Per the 1996 RWQCB guidance, the groundwater ingestion pathway is not considered here because the site groundwater is not currently used as a source of drinking water; however, the vapor intrusion pathway (volatilization from groundwater to indoor air) was considered and is below residential screening criteria.

Criterion 6. The site presents no significant risk to the environment.

The site groundwater has no potential to impact surface water, wetlands or other sensitive ecological receptors. The site's residual plume is limited to the property boundary, which is located about a mile from surface water.

Based on these findings, the site meets the definition of a "low-risk groundwater case", except for the metals present in shallow soil at four locations and at the "geophysical anomalies"; and TPH and PAHs in shallow soil at three locations. These soil conditions are not the source of and do not impact the minor residual "low-risk" groundwater plume, but rather potentially impact human health via direct contact with soil under a residential exposure scenario.

10. Conclusions and Recommendations

The site has been adequately characterized to assess potential human health risk and potential threat to groundwater resources. Site soil exceeds regulatory screening criteria for human health risk for residential exposure at only a few limited locations. Due to the very limited extent of soil exceeding screening criteria, and the property owner's desire to move forward expeditiously with disposition of the site, screening criteria will be used to direct remedial activities for soil in lieu of performing a quantitative human health risk assessment. Site groundwater either meets WQOs or is expected to meet WQOs before the resource is needed due to natural attenuation. The site meets the definition of a "low-risk" groundwater case except for necessary remediation of shallow soil at limited locations.

To achieve "low-risk" status and receive regulatory closure for unrestricted residential land use, soil will be excavated at the locations exceeding residential screening criteria. Excavation locations and depths are shown on Figure 7. The in-place volumes recommended for excavation are approximately 224 cubic yards for metals

and approximately 234 cubic yards for TPH/PAHs. The approximate dimensions of the individual excavation areas are as follows:

Area Centered On	Length X Width (feet)	Depth (feet)
B52	25 X 20	6
B47	25 X 20	3
B45	10 X 10	1
B61	10 X 10	2
Geophysical Anomalies	10 X 25	6
B41/B42	55 X 20	5
B60	20 X 20	2

Confirmation soil samples will be collected from sidewalls and excavation bottoms. Confirmation samples will be analyzed for TPH and PAHs in the B41/B42/B60 area and for lead and arsenic in the other locations. Excavated soil will be stockpiled, tested and off-hauled to an appropriate disposal facility, pursuant to regulatory requirements. The excavations will be backfilled with material that meets regulatory requirements for residential land use.

To facilitate the site development schedule, the recommended soil excavations are anticipated to be completed by May 1, 2008. A report documenting the completion of the excavations and the confirmation soil sample results will be submitted to ACEHD; the report will request site closure in accordance with the RWQCB “Low-Risk” guidelines.

11. References (all for the subject site unless otherwise noted)

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RGA, 2007f. Wastewater Discharge Technical Report. August 22; “R10”.

RGA, 2008. Soil Boring (B49 through B66) and Well Installation (MW7) Report. February 4; “R11”. [Included as Appendix A of this report]

RWQCB, 1996. Supplemental Instructions to State Water Board December 8, 1995, Interim Guidance on Required Cleanup at Low-Risk Fuel Sites; includes “Fact Sheet Questions and Answers”. January 5.

TABLES

Table 1
Soil Sample Analytical Results Total Petroleum Hydrocarbons, BTEX, MTBE
California Linen
989 41st Street, Oakland, California
Results in milligrams per kilogram (mg/kg)

Sample ID.	Date	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethyl benzene	Xylenes	MTBE
OFF-SITE SAMPLES									
B4-5.0	9/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B4-7.5	9/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B4-10.0	9/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B4-21.5	9/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B5-5.0	9/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B5-7.5	9/2005	**590**	NA	NA	<0.20	0.20	0.66	**4.0**	<2.0
B5-11.0	9/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B5-19.5	9/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B6-5	9/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B6-7	9/2005	**240**	NA	NA	<0.20	<0.20	1.7	**9.2**	<2.0
B6-10	9/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B6-12.5	9/2005	4.9	NA	NA	<0.005	0.020	0.040	0.23	<0.05
B6-13.5	9/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	0.019	<0.05
B6-17.0	9/2005	15	NA	NA	0.0085	<0.005	0.17	0.84	<0.05
B6-19.0	9/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B7-5.0	10/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B7-7.0	10/2005	36	NA	NA	<0.25	<0.25	<0.25	0.049	<0.05
B7-17.0	10/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B7-19.0	10/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B8-5.0	10/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B8-7.5	10/2005	**230**	NA	NA	<5.0	<0.50	<0.50	0.81	<0.05
B8-10.0	10/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B8-12.5	10/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05

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Sample ID.	Date	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethyl benzene	Xylenes	MTBE
B8-19.5	10/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B9-5.0	10/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B9-10.0	10/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B9-19.5	10/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B10-5.0	10/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B10-10.0	10/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B10-19.5	10/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B11-5.0	10/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B11-19.5	10/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B12-5.0	10/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B12-10.0	10/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B12-19.5	10/2005	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B19-10.0	8/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B19-15.0	8/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B19-20.0	8/2006	<1.0	1.4	26	<0.005	<0.005	<0.005	<0.005	<0.05
B20-7.0	8/2006	14	**130**	56	<0.005	<0.005	<0.005	<0.005	<0.05
B20-10.0	8/2006	3.2	31	15	<0.005	<0.005	<0.005	<0.005	<0.05
B20-15.0	8/2006	<1.0	2.1	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B20-20.0	8/2006	41	**330**	130	<0.005	<0.005	<0.005	<0.005	<0.05
B31-10.0	8/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B31-15.0	8/2006	<1.0	1.7	6.4	<0.005	<0.005	<0.005	0.015	<0.05
B31-20.0	8/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B32-10.0	8/2006	<1.0	8.1	25	<0.005	<0.005	<0.005	<0.005	<0.05
B32-15.0	8/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B32-20.0	8/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	0.0050	<0.05

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Sample ID.	Date	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethyl benzene	Xylenes	MTBE
ON-SITE SAMPLES									
B13-5.0	1/2006	1.5	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B13a-7.0	12/2007	NA	2.9	8.8	NA	NA	NA	NA	NA
B13-8.5	1/2006	62	NA	NA	0.021	0.064	<0.017	0.15	<0.17
B14-5.0	1/2006	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B14-10.0	1/2006	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B15a-1.0	12/2007	NA	22/*38*	120/*250*	NA	NA	NA	NA	NA
B15a-2.0	12/2007	NA	<1.0	<5.0	NA	NA	NA	NA	NA
B15a-5.0	12/2007	NA	<1.0	<5.0	NA	NA	NA	NA	NA
B15-5.0	1/2006	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B15a-7.0	12/2007	NA	<1.0	<5.0	NA	NA	NA	NA	NA
B15-10.0	1/2006	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B15a-12.0	12/2007	NA	<1.0	<5.0	NA	NA	NA	NA	NA
B15a-19.5	12/2007	NA	<1.0	<5.0	NA	NA	NA	NA	NA
B16-5.0	1/2006	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B16-10.0	1/2006	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B17-5.0	1/2006	5.1	NA	NA	<0.005	0.022	<0.005	0.021	<0.05
B17-8.5	1/2006	1.2,b	NA	NA	<0.005	0.0076	<0.005	<0.005	<0.05
B17-17.5	1/2006	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05
B18-10.0	8/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B18-15.0	8/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B18-19.5	8/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B21a-5.0	12/2007	NA	4.4	17	<0.005	<0.005	<0.005	<0.005	NA
B21a-7.0	12/2007	NA	2.2	8.0	<0.005	<0.005	<0.005	<0.005	NA

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Sample ID.	Date	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethyl benzene	Xylenes	MTBE
B21-10.0	8/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B21-15.0	8/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B21-22.0	8/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B22-10.0	8/2006	<1.0	2.8	6.9	<0.005	<0.005	<0.005	<0.005	<0.05
B22-15.0	8/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B22-20.0	8/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B23-10.0	8/2006	<1.0	3.5	47	<0.005	<0.005	<0.005	<0.005	<0.05
B23-15.0	8/2006	2.2	1.2	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B23-20.0	8/2006	<1.0	1.9	12	<0.005	<0.005	<0.005	<0.005	<0.05
B24-10.0	8/2006	14	2.4	<5.0	0.0055	0.019	0.013	0.051	<0.05
B24-15.0	8/2006	2.3	4.0	19	0.021	0.0081	0.049	0.015	<0.05
B24-20.0	8/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B25-10.0	8/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B25-15.0	8/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B25-22.0	8/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B26-10.0	8/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B26-15.0	8/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	ND<0.05
B26-20.0	8/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B27-10.0	8/2006	<1.0	8.2	24	<0.005	<0.005	<0.005	<0.005	<0.05
B27-15.0	8/2006	<1.0	7.8	13	<0.005	<0.005	<0.005	<0.005	<0.05
B27-22.0	8/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B29a-2.5	12/2007	NA	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	NA
B29a-4.5	12/2007	NA	1.6	11	<0.005	<0.005	<0.005	<0.005	NA
B29-6.5	8/2006	<1.0	9.3	53	<0.005	<0.005	<0.005	<0.005	<0.05
B29-10.0	8/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05

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Sample ID.	Date	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethyl benzene	Xylenes	MTBE
B29-15.0	8/2006	<1.0	1.5	8.3	<0.005	<0.005	<0.005	<0.005	<0.05
B29-20.0	8/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B30a-3.0	12/2007	NA	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	NA
B30a-4.5	12/2007	NA	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	NA
B30-10.0	8/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B30-15.0	8/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B30-20.0	8/2006	<1.0	2.1	13	<0.005	<0.005	<0.005	<0.005	<0.05
B37a-5.0	12/2007	NA	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	NA
B37a-7.0	12/2007	NA	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	NA
B37a-12.0	12/2007	NA	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	NA
B40-3.0	10/2006	NA	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.005
B40a-5.0	12/2007	NA	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	NA
B40a-7.0	12/2007	NA	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	NA
B40a-12.0	12/2007	NA	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	NA
B41-0.5	10/2006	**630**	**1,400**	**1,300**	<0.50	<0.50	0.90	0.68	<0.50
B41-2.5	10/2006	**750**	**910**	**850**	<0.50	<0.50	1.3	1.3	<0.50
B41-3.0	10/2006	**1,100**	**1,900**	**1,700**	<0.50	<0.50	1.8	1.6	<0.50
B41a-5.0	12/2007	NA	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	NA
B41a-7.0	12/2007	NA	12	15	<0.005	<0.005	0.020	0.030	NA
B41a-12.0	12/2007	NA	36	29	<0.005	<0.005	<0.005	<0.005	NA
B41a-19.5	12/2007	NA	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	NA
B42-0.5	10/2006	**640**	**2,700**	**2,500**	<0.17	<0.17	0.88	**2.6**	<0.17
B42-3.0	10/2006	**450**	**840**	**630**	<0.10	<0.10	0.52	1.4	<0.10
B42a-5.0	12/2007	NA	81/***150***	40/*89*	<0.17	<0.17	0.51	0.71	NA
B42a-7.0	12/2007	NA	**290/*140***	260/*160*	<0.17	<0.17	0.61	0.59	NA

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B42a-12.0	12/2007	NA	33/*52*	52/*48*	<0.005	<0.005	0.070	0.11	NA
B42a-19.5	12/2007	NA	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	NA
B44-3.0	10/2006	NA	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.005
B45-3.0	10/2006	NA	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.005
B46-3.0	10/2006	NA	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.005
B47-3.0	10/2006	NA	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.005
B48-3.0	10/2006	NA	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.005
B58-1.0	12/2007	NA	<1.0	<5.0	NA	NA	NA	NA	NA
B58-4.5	12/2007	NA	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	NA
B58-6.0	12/2007	NA	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	NA
B58-12.0	12/2007	NA	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	NA
B59-1.0	12/2007	NA	3.5	<5.0	NA	NA	NA	NA	NA
B59-3.0	12/2007	NA	<1.0	<5.0	NA	NA	NA	NA	NA
B59-5.0	12/2007	NA	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	NA
B59-7.0	12/2007	NA	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	NA
B59-12.0	12/2007	NA	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	NA
B60-1.0	12/2007	NA	**110/*130***	***420/500***	NA	NA	NA	NA	NA
B60-3.0	12/2007	NA	2.4	<5.0	NA	NA	NA	NA	NA
B60-5.0	12/2007	NA	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	NA
B60-7.0	12/2007	NA	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	NA
B60-12.0	12/2007	NA	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	NA
B61-1.0	12/2007	NA	5.8	17	NA	NA	NA	NA	NA
B61-3.0	12/2007	NA	<1.0	<5.0	NA	NA	NA	NA	NA
MW7-1.0	12/2007	NA	4.9	18	NA	NA	NA	NA	NA
MW7-3.0	12/2007	NA	<1.0	<5.0	NA	NA	NA	NA	NA

Table 1
Soil Sample Analytical Results Total Petroleum Hydrocarbons, BTEX, MTBE
California Linen
989 41st Street, Oakland, California
Results in milligrams per kilogram (mg/kg)

Sample ID.	Date	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethyl benzene	Xylenes	MTBE
E1-10.5	9/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
E2-10.0	9/2006	2.4	<1.0	<5.0	<0.005	0.030	0.052	0.22	<0.05
E3-5.0	9/2006	<1.0	1.1	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
E3-10.0	9/2006	47	<1.0	<5.0	<0.005	<0.005	<0.005	0.27	<0.05
E6-10.5	9/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
E7-10.0	9/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
E7-15.0	9/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
E8-7.0	3/2007	**1,300**	77	<10	**0.54**	<0.50	2.4	**43**	<5.0
E9-7.0	3/2007	**450**	**150**	<5.0	<0.17	<0.17	1.7	**15**	<1.7
I2-5.0	9/2006	6.9	6.6	<5.0	**0.052**	0.0052	<0.005	0.0057	<0.05
I2-10.0	9/2006	**1,900**	**460**	7.4	**4.3**	**25**	**33**	**180**	<10
I2-15.0	9/2006	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
300-GALLON UST PIT									
T1-8.0	12/2006	7.2	**250**	120	<0.005	<0.005	<0.005	<0.005	<0.05
T1-10.0	12/2006	5.3	**210**	93	<0.005	<0.005	<0.005	<0.005	<0.05
T1-12.0	12/2006	25	62	29	<0.005	<0.005	<0.005	<0.005	<0.05
B53-3.0	12/2007	NA	8.4	11	NA	NA	NA	NA	NA
B53-5.0	12/2007	NA	1.7	<5.0	NA	NA	NA	NA	NA
B53-7.0	12/2007	NA	**550**	230	NA	NA	NA	NA	NA
B53-12.0	12/2007	NA	22	11	NA	NA	NA	NA	NA
GEOPHYSICAL ANOMALY AREA									
Anomaly A-5.5	10/2006	<1.0	7.1	12	NA	NA	NA	NA	NA
Anomaly B-0.5	10/2006	<1.0	68	170	NA	NA	NA	NA	NA

Table 1
Soil Sample Analytical Results Total Petroleum Hydrocarbons, BTEX, MTBE
California Linen
989 41st Street, Oakland, California
Results in milligrams per kilogram (mg/kg)

Sample ID.	Date	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethyl benzene	Xylenes	MTBE
ESL		83	83	410	0.044	2.9	3.3	2.3	0.023
EPA PRG		-	-	-	0.64	520	400	270	17

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
< = less than
NA = Not Analyzed.
ESL = November 2007 Update Regional Water Quality Control Board Environmental Screening Level for residential land use, where groundwater is considered a current or potential source of drinking water. **Values in bold exceed the ESL.**
EPA PRG = 2004 USEPA Region 9 Preliminary Remediation Goals for residential land use.

Samples B6-10, -12.5, -13.5, -17 and -19 were also analyzed for TPH as Stoddard solvent; the results were <1.0, 5.1, <1.0, 12, and <1.0 mg/kg, respectively.
Sample results shown in italics were analyzed for TPHd and TPHmo by methylene chloride extraction and a column silica gel cleanup.

Table 2
Soil Sample Analytical Results
Polycyclic Aromatic Hydrocarbons
California Linen
989 41st Street, Oakland, California
Results in milligrams per kilogram (mg/kg)

Sample ID.	Ace	Acy	Ant	BaA	BaP	BbF	BghiP	BkF	Ch	DahA	Fla	Fl	IcdP	1-MN	2-MN	Na	Ph	Py
B13a-1.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B13a-3.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B14a-1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B14a-3.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B15a-1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
B15a-2.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B21a-1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B21a-2.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B29a-1.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
B29a-2.5	<0.005	<0.005	<0.005	0.0061	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0058	<0.005	<0.005	<0.005	<0.005	<0.005	0.0082	0.0074
B30a-1.5	<0.005	<0.005	<0.005	0.014	0.019	0.013	0.013	0.021	0.019	0.0068	0.026	<0.005	0.013	<0.005	<0.005	<0.005	0.0096	0.027
B30a-3.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B37a-3.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B40-1.25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
B40a-3.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B41-2.5	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	1.4	**2.3**	**2.5**	<0.025	<0.025
B41a-5.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B41a-7.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B41a-12.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B42a-5.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0059	0.0078	<0.005	0.18	0.023	<0.005	0.013	0.0053
B42a-7.0	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
B42a-12.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B43a-1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B43-3.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B44a-1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B44-3.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B46-1.5	<0.005	<0.005	<0.005	0.0052	0.0070	<0.005	<0.005	<0.005	0.0066	<0.005	0.0087	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0097
B49a-1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B49-3.0	<0.05	<0.05	<0.05	0.069	<0.05	<0.05	<0.05	<0.05	0.055	<0.05	0.15	<0.05	<0.05	<0.05	<0.05	<0.05	0.11	0.15
B50-1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B50-3.0	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
B51-2.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B51-3.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B52-1.5	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
B52-3.0	<0.01	<0.01	<0.01	0.021	0.027	0.022	0.025	0.020	0.028	0.011	0.035	<0.01	0.023	<0.01	<0.01	<0.01	0.019	0.030

Table 2
Soil Sample Analytical Results
Polycyclic Aromatic Hydrocarbons
California Linen
989 41st Street, Oakland, California
Results in milligrams per kilogram (mg/kg)

Sample ID.	Ace	Acy	Ant	BaA	BaP	BbF	BghiP	BkF	Ch	DahA	Fla	Fl	IcdP	1-MN	2-MN	Na	Ph	Py
B53-3.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0067	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0063
B53-5.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B53-7.0	0.015	<0.010	0.046	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.012	0.086	<0.010	<0.010	<0.010	<0.010	<0.010	0.020
B54-1.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
B54-3.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B55-1.0	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
B55-3.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B56-1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
B56-3.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B57-1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B57-3.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B58-1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B59-1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B59-3.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B60-1.0	<0.25	<0.25	<0.25	**0.43**	**0.42**	0.33	0.48	0.36	0.44	<0.25	0.31	<0.25	0.41	<0.25	<0.25	<0.25	<0.25	0.29
B60-3.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.019	0.021	<0.005	<0.005	<0.005
B61-1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B61-3.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
MW7-1.0	<0.005	<0.005	<0.005	0.013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.018
MW7-3.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Anomaly A-5.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0055	<0.005
Anomaly B-0.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Anomaly A Fill	<0.005	<0.005	<0.005	0.024	0.021	0.014	0.015	0.017	0.026	<0.005	0.034	<0.005	0.012	<0.005	<0.005	0.0066	0.018	0.031
ESL	16	89	40	0.38	0.038	0.38	35	0.38	40	0.062	40	410	0.62	-	1.2	1.3	40	500
CHHSL	-	-	-	-	0.038	-	-	-	-	-	-	-	-	-	-	-	-	-
EPA PRG	3,700	-	22,000	0.62	0.062	0.62	-	0.38	3.8	0.062	2,300	2,700	0.62	-	-	1.7	-	2,300

Notes on next page:

Table 2
Soil Sample Analytical Results
Polycyclic Aromatic Hydrocarbons
California Linen
989 41st Street, Oakland, California
Results in milligrams per kilogram (mg/kg)

Notes for Table 2:

PAHs analyzed using EPA Method 8270 SIM
Ace = Acenaphthene
Acy = Acenaphthylene
Ant = Anthracene
BaA = Benzo(a)anthracene
BaP = Benzo(a)pyrene
BbF = Benzo(b)fluoranthene
BghiP = Benzo(g,h,i)perylene
BkF = Benzo(k)fluoranthene
Ch = Chrysene
DahA = Dibenzo(a,h)anthracene
Fla = Fluoranthene
Fl = Fluorene
IcdP = Indeno(1,2,3-cd)pyrene
1-MN = 1-Methylnaphthalene
2-MN = 2-Methylnaphthalene
Na = Naphthalene
Ph = Phenanthrene
Py = Pyrene

ESL = November 2007 Update Regional Water Quality Control Board Environmental Screening Level for residential land use, where groundwater is considered a current or potential source of drinking water. Values in bold exceed the ESL.
CHHSL = January 2005 California Office of Environmental Health Hazard Assessment California Human Health Screening Levels for residential land use.
EPA PRG = 2004 USEPA Region 9 Preliminary Remediation Goals for residential land use.

Table 3
Soil Sample Analytical Results
Metals
California Linen
989 41st Street, Oakland, California
Results in milligrams per kilogram (mg/kg)

Sample ID	Sb	As	Ba	Be	Cd	Cr	Co	Cu	Pb	Hg	Mo	Ni	Se	Ag	Tl	V	Zn
B13a-1.5	0.75	**6.7**	140	0.54	<0.25	44	7.3	21	8.8	<0.05	1.4	38	<0.5	<0.5	<0.5	**44**	55
B13a-3.5	0.65	**5.9**	230	0.63	<0.25	44	10	25	10	<0.05	1.6	36	<0.5	<0.5	<0.5	**48**	47
B13a-5.0	NA	NA	NA	NA	NA	NA	NA	NA	11	NA	NA	NA	NA	<0.5	<0.5	**NA**	NA
B14a-1.0	1.4	**5.2**	180	0.59	0.44	49	8.9	29	68	0.093	0.74	49	0.68	<0.5	<0.5	**45**	140
B14a-3.0	1.4	**8.9**	230	0.53	0.43	47	10	25	48	0.067	1.4	51	<0.5	<0.5	<0.5	**46**	66
B15a-1.0	3.4	**5.2**	160	<0.5	1.2	51	11	57	120	0.12	3.9	60	<0.5	<0.5	<0.5	**50**	400
B15a-2.0	0.59	**7.0**	260	0.66	0.34	43	13	22	11	<0.05	1.4	40	<0.5	<0.5	<0.5	**48**	74
B21a-1.0	0.69	**8.1**	220	0.68	0.40	49	15	26	8.2	<0.05	1.8	53	<0.5	<0.5	<0.5	**53**	61
B21a-2.5	0.60	**8.0**	240	0.81	<0.25	53	**48**	20	12	<0.05	2.7	66	<0.5	<0.5	<0.5	**58**	50
B29a-1.5	0.70	**5.8**	190	<0.5	<0.25	44	15	27	35	0.52	0.57	39	<0.5	<0.5	<0.5	**49**	71
B29a-2.5	0.55	**9.9**	150	0.54	0.30	37	7.2	17	26	0.093	1.9	43	<0.5	<0.5	<0.5	**37**	58
B30a-1.5	0.92	**8.7**	200	0.50	0.82	47	9.8	34	36	0.15	0.52	52	<0.5	<0.5	<0.5	**53**	140
B30a-3.0	0.58	**5.4**	89	0.58	<0.25	53	9.3	18	67	0.25	0.51	47	<0.5	<0.5	<0.5	**38**	67
B33-0.5	2.6	**9.8**	110	<0.5	0.49	28	7.6	100	53	**1.7**	1.2	28	<0.5	<0.5	<0.5	**43**	210
B34-0.5	0.72	**7.4**	160	0.70	<0.25	49	5.0	22	7.8	0.058	1.9	42	<0.5	<0.5	<0.5	**57**	45
B35-0.5	<0.5	**5.1**	160	0.55	<0.25	43	9.9	22	6.5	<0.05	0.90	42	<0.5	<0.5	<0.5	**46**	42
B36-0.5	0.70	**5.5**	160	<0.5	0.29	33	8.6	23	34	0.12	1.4	39	<0.5	<0.5	<0.5	**35**	64
B37-0.5	0.68	**6.4**	100	<0.5	0.41	54	9.2	24	59	0.12	0.70	70	0.59	<0.5	<0.5	**44**	130
B38-0.5	0.75	**4.1**	150	0.64	0.26	51	8.3	26	7.5	0.062	0.50	53	<0.5	<0.5	<0.5	**50**	60
B39-0.5	0.68	**9.0**	160	0.61	<0.25	50	10	25	8.1	<0.05	1.9	47	<0.5	<0.5	<0.5	**52**	47
B40-0.5	2.1	**6.8**	300	0.54	0.72	52	**67**	93	190	0.64	0.65	58	<0.5	16	<0.5	**43**	180
B40-1.25	0.75	**6.3**	160	<0.5	0.33	38	33	26	150	0.18	2.0	53	<0.5	<0.5	<0.5	**40**	90
B41-0.5	0.64	**4.9**	190	<0.5	0.34	40	8.5	25	120	0.11	1.1	47	0.57	<0.5	<0.5	**42**	84
B42-0.5	<0.5	**4.3**	210	0.60	<0.25	50	9.0	25	7.3	<0.05	1.0	42	<0.5	<0.5	<0.5	**52**	55
B43-0.5	0.67	**5.5**	130	<0.5	<0.5	50	20	32	44	0.30	0.54	52	<0.5	<0.5	<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	<0.5	<0.5	<0.5	**65**	150
B45-0.5	<0.5	**7.5**	150	<0.5	0.38	58	13	25	**280**	0.16	<0.5	68	<0.5	<0.5	<0.5	**56**	220
B45a-1.0	0.56	**6.0**	120	0.66	0.27	51	8.9	26	8.5	<0.05	1.4	42	<0.5	<0.5	<0.5	**50**	53
B45a-2.5	ND	**5.3**	140	0.57	0.30	40	16	19	7.0	<0.05	2.1	50	<0.5	<0.5	<0.5	**46**	40
B45a-5.0	1.0	**7.7**	210	0.57	0.70	49	17	26	**250**	0.11	1.5	58	0.88	<0.5	<0.5	**48**	220
B46-1.5	0.52	**8.6**	220	0.52	<0.25	40	12	23	15	0.070	<0.5	56	<0.5	<0.5	<0.5	**33**	55

Table 3
Soil Sample Analytical Results
Metals
California Linen
989 41st Street, Oakland, California
Results in milligrams per kilogram (mg/kg)

Sample ID	Sb	As	Ba	Be	Cd	Cr	Co	Cu	Pb	Hg	Mo	Ni	Se	Ag	Tl	V	Zn
B47-0.5	5.4	**130**	360	<0.5	**1.9**	21	7.8	54	160	0.94	3.1	20	<0.5	1.2	**6.6**	**33**	**770**
B47a-2.0	1.7	**6.6**	410	<0.5	1.1	70	7.9	32	**4800**	0.60	0.83	48	<0.5	<0.5	<0.5	**44**	**750**
B47a-3.5	1.7	**7.7**	230	0.55	1.4	50	11	49	180	0.24	1.1	53	0.71	<0.5	<0.5	**51**	220
B47a-4.5	NA	NA	NA	NA	NA	NA	NA	NA	16	NA	NA	NA	NA	NA	NA	NA	NA
B48-0.5	0.70	**6.2**	150	0.53	0.43	50	9.6	25	26	0.13	1.2	55	1.0	<0.5	<0.5	**49**	79
B49-1.0	0.60	**8.0**	180	0.53	0.43	84	11	25	7.8	<0.05	2.3	71	0.54	<0.5	<0.5	**51**	69
B49-3.0	0.57	**6.7**	150	0.52	0.32	47	8.6	22	11	0.096	1.3	59	<0.5	<0.5	<0.5	**45**	57
B49-5.0	NA	NA	NA	NA	NA	NA	NA	NA	6.6	NA	NA	NA	NA	NA	NA	NA	NA
B50-1.0	0.62	**6.5**	140	0.57	0.34	52	7.3	24	8.1	0.17	1.1	53	0.84	<0.5	<0.5	**49**	72
B50-3.0	0.99	**9.7**	290	0.74	0.43	60	14	32	9.6	0.054	2.1	62	0.54	<0.5	<0.5	**61**	71
B51a-2.0	1.2	**7.1**	210	<0.5	0.49	52	9.6	42	110	0.59	1.2	58	0.61	<0.5	<0.5	**47**	130
B51a-3.0	0.52	**8.9**	75	<0.5	<0.25	15	8.0	14	13	0.062	0.65	12	<0.5	<0.5	<0.5	**40**	64
B52-1.5	2.8	**33**	95	0.62	0.33	14	9.2	27	51	0.34	1.2	15	1.1	<0.5	**1.4**	**49**	160
B52-3.0	1.9	**8.4**	**1300**	<0.5	0.71	490	11	54	**2500**	0.22	1.0	63	<0.5	<0.5	<0.5	**48**	360
B52-5.0	3.6	**8.1**	260	0.55	0.76	91	13	42	**320**	0.18	1.3	67	0.71	<0.5	<0.5	**58**	150
B58-1.0	0.68	**3.7**	150	0.53	0.30	44	5.8	23	15	<0.05	0.85	40	0.53	<0.5	<0.5	**44**	62
B59-1.0	0.68	**4.9**	240	0.59	0.37	49	9.4	23	7.1	<0.05	0.93	48	0.93	<0.5	<0.5	**50**	64
B59-3.0	0.50	**5.4**	260	0.69	<0.25	49	11	19	6.8	<0.05	1.1	40	<0.5	<0.5	<0.5	**52**	43
B60-1.0	1.7	**4.9**	170	0.60	0.52	39	12	93	150	0.43	0.62	39	<0.5	<0.5	<0.5	**36**	170
B60-3.0	0.97	**5.1**	180	0.55	0.35	44	8.6	25	47	0.074	1.1	44	0.61	<0.5	<0.5	**43**	76
B61-1.0	1.6	**5.8**	300	0.62	0.77	45	11	36	**620**	0.71	1.1	50	0.86	<0.5	<0.5	**53**	260
B61-3.0	0.64	**8.1**	230	0.69	0.28	52	11	25	8.2	<0.05	1.7	53	ND	<0.5	<0.5	**56**	60
B62-1.0	NA	NA	NA	NA	NA	NA	NA	NA	93	NA	NA	NA	NA	NA	NA	NA	NA
B62-3.0	NA	NA	NA	NA	NA	NA	NA	NA	7.7	NA	NA	NA	NA	NA	NA	NA	NA
B63-1.0	NA	NA	NA	NA	NA	NA	NA	NA	15	NA	NA	NA	NA	NA	NA	NA	NA
B63-3.0	NA	NA	NA	NA	NA	NA	NA	NA	6.7	NA	NA	NA	NA	NA	NA	NA	NA
B64-1.0	NA	NA	NA	NA	NA	NA	NA	NA	13	NA	NA	NA	NA	NA	NA	NA	NA
B64-3.0	NA	NA	NA	NA	NA	NA	NA	NA	8.2	NA	NA	NA	NA	NA	NA	NA	NA
B65-1.0	NA	NA	NA	NA	NA	NA	NA	NA	75	NA	NA	NA	NA	NA	NA	NA	NA
B65-3.0	NA	NA	NA	NA	NA	NA	NA	NA	63	NA	NA	NA	NA	NA	NA	NA	NA
B66-1.0	NA	NA	NA	NA	NA	NA	NA	NA	8.1	NA	NA	NA	NA	NA	NA	NA	NA
B66-3.0	NA	NA	NA	NA	NA	NA	NA	NA	7.6	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Soil Sample Analytical Results
Metals
California Linen
989 41st Street, Oakland, California
Results in milligrams per kilogram (mg/kg)

Sample ID	Sb	As	Ba	Be	Cd	Cr	Co	Cu	Pb	Hg	Mo	Ni	Se	Ag	Tl	V	Zn
MW7-1.0	1.8	**6.7**	230	0.84	**2.7**	53	10	35	**260**	0.30	0.97	55	0.66	<0.5	<0.5	**49**	**1000**
MW7-3.0	ND	**5.8**	230	0.52	<0.25	42	7.6	21	6.6	<0.05	1.1	35	<0.5	<0.5	<0.5	**47**	38
Anomaly A-5.5	0.94	**4.3**	110	<0.5	0.84	21	4.6	48	**260**	0.98	2.0	24	<0.5	0.51	<0.5	**22**	300
Anomaly B-0.5	5.2	**6.7**	180	<0.5	1.4	60	12	**1100**	**380**	0.40	1.1	67	<0.5	<0.5	<0.5	**36**	450
Anomaly A Fill	0.91	**4.9**	150	<0.5	0.36	29	7.9	27	**560**	0.23	0.69	32	<0.5	<0.5	<0.5	**32**	140
ESL	6.1	0.38	750	4.0	1.7	750	40	230	200	1	40	150	10	20	1.2	15	600
CHHSL	3	-	5200	150	1.7	10000	660	3000	150	18	380	1600	380	380	5	530	23000
EPA PRG	31	0.062	5400	150	37	210	900	3100	150	23	390	1600	390	390	2	78	23000

Notes:

Sb = Antimony	Cd = Cadmium	Pb = Lead	Se = Selenium	Zn = Zinc
As = Arsenic	Cr = Chromium (Cr+3)	Hg = Mercury	Ag = Silver	
Ba = Barium	Co = Cobalt	Mo = Molybdenum	Tl = Thallium	
Be = Beryllium	Cu = Copper	Ni = Nickel	V = Vanadium	

ESL = November 2007 Update Regional Water Quality Control Board Environmental Screening Level for residential land use, where groundwater is considered a current or potential source of drinking water. **Values in bold exceed the ESL.**
CHHSL = January 2005 California Office of Environmental Health Hazard Assessment California Human Health Screening Levels for residential land use.
EPA PRG = 2004 USEPA Region 9 Preliminary Remediation Goals for residential land use.

NA = Not Analyzed.

TABLE 4
Groundwater Sample Analytical Results for Monitoring Wells
California Linen
989 41st Street, Oakland, California
Results in micrograms per liter (µg/l)

Well/ Sample ID.	Sample Date	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethyl benzene	Xylenes	MTBE
Well E1									
E1	1/11/08	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
E1	10/05/07	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
E1	7/31/07	<50	<50	<250	<0.5	0.86	<0.5	1.2	5.0
E1-W	03/28/07	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
E1-W	11/1/06	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
Well E2									
E2	1/10/08	76	68	<250	1.0	<0.5	1.7	2.1	<5.0
E2	10/8/07	<50	<50	<250	<0.5	<0.5	<0.5	2.8	<5.0
E2	7/31/07	<50	**160**	**790**	<0.5	1.9	0.71	4.2	<5.0
E2-W	3/29/07	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
E2-W	11/1/06	**1900**	**1100**	**1500**	0.52	6.9	17	**150**	<5.0
Well E3									
E3	1/11/08	**110**	**110**	<250	0.93	<0.5	<0.5	0.83	<5.0
E3	10/5/07	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
E3	7/31/07	<50	<50	<250	0.51	2.3	<0.5	2.3	<5.0
E3-W	3/29/07	<50	**210**	<250	<0.5	<0.5	<0.5	<0.5	<5.0
E3-W	11/1/06	**2600**	**640**	**260**	<1.7	<1.7	**44**	**350**	<17
Well E4									
E4	1/10/08	<50	<50	<250	0.57	<0.5	<0.5	<0.5	<5.0
E4	10/5/07	<50	<50	<250	0.92	<0.5	<0.5	<0.5	<5.0
E4	8/02/07	<50	63	<250	<0.5	<0.5	<0.5	<0.5	<5.0
E4-W	4/06/07	**11,000**	**810**	<250	**63**	<1.0	6.0	13	<10

TABLE 4
Groundwater Sample Analytical Results for Monitoring Wells
California Linen
989 41st Street, Oakland, California
Results in micrograms per liter (µg/l)

Well/ Sample ID.	Sample Date	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethyl benzene	Xylenes	MTBE
Well E6									
E6	1/10/08	91	93	<250	0.88	<0.5	0.52	1.1	<5.0
E6	10/8/07	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
E6	8/01/07	<50	**1,400**	**2,400**	**1.4**	<0.5	<0.5	<0.5	<5.0
E6-W	3/29/07	**160**	**240**	<250	<0.5	<0.5	4.2	8.5	<5.0
E6-W	11/1/06	**310**	**260**	**470**	**4.9**	<0.5	<0.5	6.4	<5.0
Well E7									
E7	1/10/08	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
E7	10/5/07	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
E7	8/01/07	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
E7-W	3/28/07	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
E7-W	10/31/06	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
Well E8									
E8	1/9/08	**690**	**240**	<250	**1.2**	0.67	7.5	**68**	<5.0
E8	10/8/07	**400**	81	<250	**1.2**	1.3	6.9	**58**	<5.0
E8	8/01/07	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
E8-W	4/06/07	**110**	54	<250	0.62	<0.5	<0.5	11	<5.0
Well E9									
E9	1/9/08	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
E9	10/8/07	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
E9	8/01/07	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
E9-W	4/06/07	**110**	62	<250	<0.5	<0.5	<0.5	5.1	<5.0
Well I1									
I1	1/10/08	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 4
Groundwater Sample Analytical Results for Monitoring Wells
California Linen
989 41st Street, Oakland, California
Results in micrograms per liter (µg/l)

Well/ Sample ID.	Sample Date	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethyl benzene	Xylenes	MTBE
I1	10/5/07	<50	85	<250	<0.5	<0.5	<0.5	<0.5	<5.0
I1	8/01/07	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
I1-W	11/1/06	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
Well MW-1									
MW1	1/10/08	63	<50	<250	**1.8**	<0.5	0.79	2.0	<5.0
MW1	10/8/07	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
MW1	8/01/07	<50	**230**	**500**	<0.5	<0.5	<0.5	<0.5	<5.0
MW1-W	3/29/07	<50	**180**	**370**	0.63	<0.5	<0.5	0.83	<5.0
MW1-W	11/1/06	**8500**	**5800**	**2600**	<5.0	30	**69**	**1000**	<50
MW1	5/17/05	**13000**	NA	NA	**2400**	**230**	**490**	**240**	<120
MW1	4/2/03	**24000**	NA	NA	**4000**	**1600**	**2300**	**1400**	<50
MW1	03/18/92	**77000**	**14,000**	NA	**17,000**	**18000**	**2300**	**1300**	<0.05
MW1	11/21/91	**47000**	**9800**	NA	**6000**	**7200**	**2200**	**1000**	NA
MW1	08/15/91	**59000**	**3500**	NA	**3800**	**5500**	**1100**	**4800**	NA
MW1	06/05/91	**23000**	**560**	NA	**2000**	**1200**	**640**	**2500**	NA
MW1	01/28/91	**99000**	**1700**	NA	**4400**	**7400**	**1800**	**8600**	NA
MW1	10/23/90	**50000**	**1100**	NA	**3300**	**4000**	**4200**	**4700**	NA
MW1	07/25/90	**34000**	ND	NA	**2000**	**670**	**120**	**1500**	NA
MW1	02/20/90	**73000**	**2200**	NA	**7500**	**5900**	**680**	**5300**	NA
MW1	10/02/89	**70000**	**610**	NA	**2800**	**2400**	**2300**	**4800**	NA
Well MW-2									
MW2	1/9/08	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
MW2	10/5/07	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
MW2	7/31/07	<50	<50	<250	<0.5	<0.5	<0.5	0.59	<5.0

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989 41st Street, Oakland, California
Results in micrograms per liter (µg/l)

Well/ Sample ID.	Sample Date	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethyl benzene	Xylenes	MTBE
MW2-W	3/28/07	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
MW2-W	11/1/06	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
MW2	4/2/03	<50	NA	NA	<0.5	<0.5	<0.5	0.74	<5
MW2	03/18/92	ND	ND	NA	ND	1.1	ND	3.3	NA
MW2	11/21/91	ND	ND	NA	ND	ND	ND	ND	NA
MW2	08/15/91	ND	ND	NA	ND	ND	ND	ND	NA
MW2	06/05/91	ND	ND	NA	ND	ND	ND	ND	NA
MW2	01/28/91	ND	ND	NA	ND	ND	ND	ND	NA
MW2	10/23/90	ND	ND	NA	ND	ND	ND	ND	NA
MW2	07/25/90	ND	ND	NA	ND	ND	ND	ND	NA
MW2	02/20/90	ND	ND	NA	ND	ND	ND	ND	NA
MW2	10/02/89	ND	ND	NA	ND	ND	ND	ND	NA
Well MW-3									
MW3	02/20/90	ND	ND	NA	ND	ND	ND	ND	NA
MW3	10/02/89	ND	ND	NA	ND	ND	ND	ND	NA
Well MW-4									
MW4	1/10/08	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
MW4	10/5/07	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
MW4	2/28/07	<50	<50	<250	NA	NA	NA	NA	NA
Well MW-5									
MW5	1/11/08	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
MW5	10/8/07	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
MW5	2/28/07	<50	<50	<250	NA	NA	NA	NA	NA

TABLE 4
Groundwater Sample Analytical Results for Monitoring Wells
California Linen
989 41st Street, Oakland, California
Results in micrograms per liter (µg/l)

Well MW-6									
MW6	1/11/08	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
MW6	10/8/07	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
MW6	2/28/07	<50	**140**	<250	NA	NA	NA	NA	NA
Well MW-7									
MW7	1/10/08	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
MW7	11/21/07	NA	<50	<250	NA	NA	NA	NA	NA
ESL		**100**	**100**	**100**	**1**	**40**	**30**	**20**	**5**
CA Primary MCL		**-**	**-**	**-**	**1**	**150**	**300**	**1750**	**13**

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 = November 2007 Update Regional Water Quality Control Board Environmental Screening Level for residential land use, where groundwater is considered a current or potential source of drinking water. Values in **bold** exceed the ESL.
CA Primary MCL = California Maximum Contaminant Level for drinking water.
ND = Not Detected; detection limit unknown.
NA = Not Analyzed.

TABLE 5
Grab-Groundwater Sample Analytical Results for Boreholes
California Linen
989 41st Street, Oakland, California
Results in micrograms per liter (µg/l)

Borehole No./ Sample ID	Sample Date	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethyl benzene	Xylenes	MTBE
B1	July 2004	<50	81	NA	<0.5	<0.5	<0.5	<0.5	NA
B2	July 2004	<50	<50	NA	<0.5	0.56	<0.5	6	NA
B3	July 2004	500	180	NA	<0.5	0.55	18	44	NA
B4-28.0, W	Sept. 2005	120	NA	NA	<0.5	1.6	<0.5	0.79	ND
B5-28.0, W	Sept. 2005	120	NA	NA	1.0	1.0	1.1	5.0	ND
B6-24.0, W	Sept. 2005	1900	NA	NA	23	0.95	62	240	See note
B7-32.0, W	Oct. 2005	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	<5.0
B8-32.0, W	Oct. 2005	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	<5.0
B9-32.0, W	Oct. 2005	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	<5.0
B10-32.0, W	Oct. 2005	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	<5.0
B11-32.0, W	Oct. 2005	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	<5.0
B12-32.0, W	Oct. 2005	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	<5.0
B13-9.0	Jan. 2006	16,000	3,900	2,700	21	4.6	250	27	<25
B14-18.0	Jan. 2006	<50	NA	NA	<0.5	1.7	<0.5	1.2	<5.0
B15-9.0	Jan. 2006	<50	4,100	35,000	<0.5	1.8	<0.5	0.52	<5.0
B15-19.0	Jan. 2006	160	170,000	1,300,000	<0.5	9.0	0.55	3.6	<5.0
B16-18.0	Jan. 2006	<50	NA	NA	<0.5	3.4	<0.5	1.6	<5.0
B17-18.0	Jan. 2006	220	NA	NA	2.5	12	7.4	3.3	<5.0
B18-25.0	Aug. 2006	<50	180	710	<0.5	<0.5	<0.5	<0.5	<5.0
B19-32.0	Aug. 2006	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
B20-25.0	Aug. 2006	<50	3,000	2,300	<0.5	0.65	<0.5	1.6	<5.0
B21-24.0	Aug. 2006	<50	4,600	27,000	<0.5	<0.5	<0.5	<0.5	<5.0
B22-21.0	Aug. 2006	<50	280	1,300	<0.5	<0.5	<0.5	<0.5	<5.0
B23-30.0	Aug. 2006	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
B24-25.0	Aug. 2006	6,600	12,000	14,000	1,000	14	260	41	<50
B24-55.0 W	Aug. 2006	<50	<50	<250	1.2	<0.5	<0.5	<0.5	<5.0
B25-25.0	Aug. 2006	<50	140	390	<0.5	<0.5	<0.5	<0.5	<5.0
B26-25.0	Aug. 2006	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
B27-25.0	Aug. 2006	<50	2,700	6,700	<0.5	<0.5	<0.5	<0.5	<5.0
B29-21.0	Aug. 2006	<50	2,700	12,000	<0.5	1.1	<0.5	0.94	<5.0
B31-35W	Aug. 2006	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<5.0
B32-30W	Aug. 2006	<50	220	1,700	<0.5	<0.5	<0.5	<0.5	<5.0
B32-56W	Aug. 2006	<50	160	310	<0.5	<0.5	<0.5	<0.5	<5.0
B33-25W	Oct. 2006	<50	<50	<250	ND	ND	ND	ND	ND
B34-25W	Oct. 2006	<50	<50	<250	ND	ND	ND	ND	ND
B35-25W	Oct. 2006	<50	<50	<250	ND	ND	ND	ND	ND
B36-25W	Oct. 2006	<50	120	480	ND	ND	ND	ND	ND
B37-25W	Oct. 2006	<50	110	880	ND	ND	ND	ND	ND
B38-25W	Oct. 2006	<50	<50	<250	ND	ND	ND	ND	ND
B39-25W	Oct. 2006	<50	89	350	ND	ND	ND	ND	ND
ESL		**100**	**100**	**100**	**1**	**40**	**30**	**20**	**5**
CA Primary MCL		**-**	**-**	**-**	**1**	**150**	**300**	**1750**	**13**

TABLE 5
Grab-Groundwater Sample Analytical Results for Boreholes
California Linen
989 41st Street, Oakland, California
Results in micrograms per liter (µg/l)

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.
NA = Not Analyzed.

B6-24 also analyzed for TPH as Stoddard Solvent, results were 1,400. Other VOC results (EPA Method 8260) – all 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.

ESL = November 2007 Update Regional Water Quality Control Board Environmental Screening Level for residential land use, where groundwater is considered a current or potential source of drinking water.
CA Primary MCL = California Maximum Contaminant Level for drinking water.

FIGURES

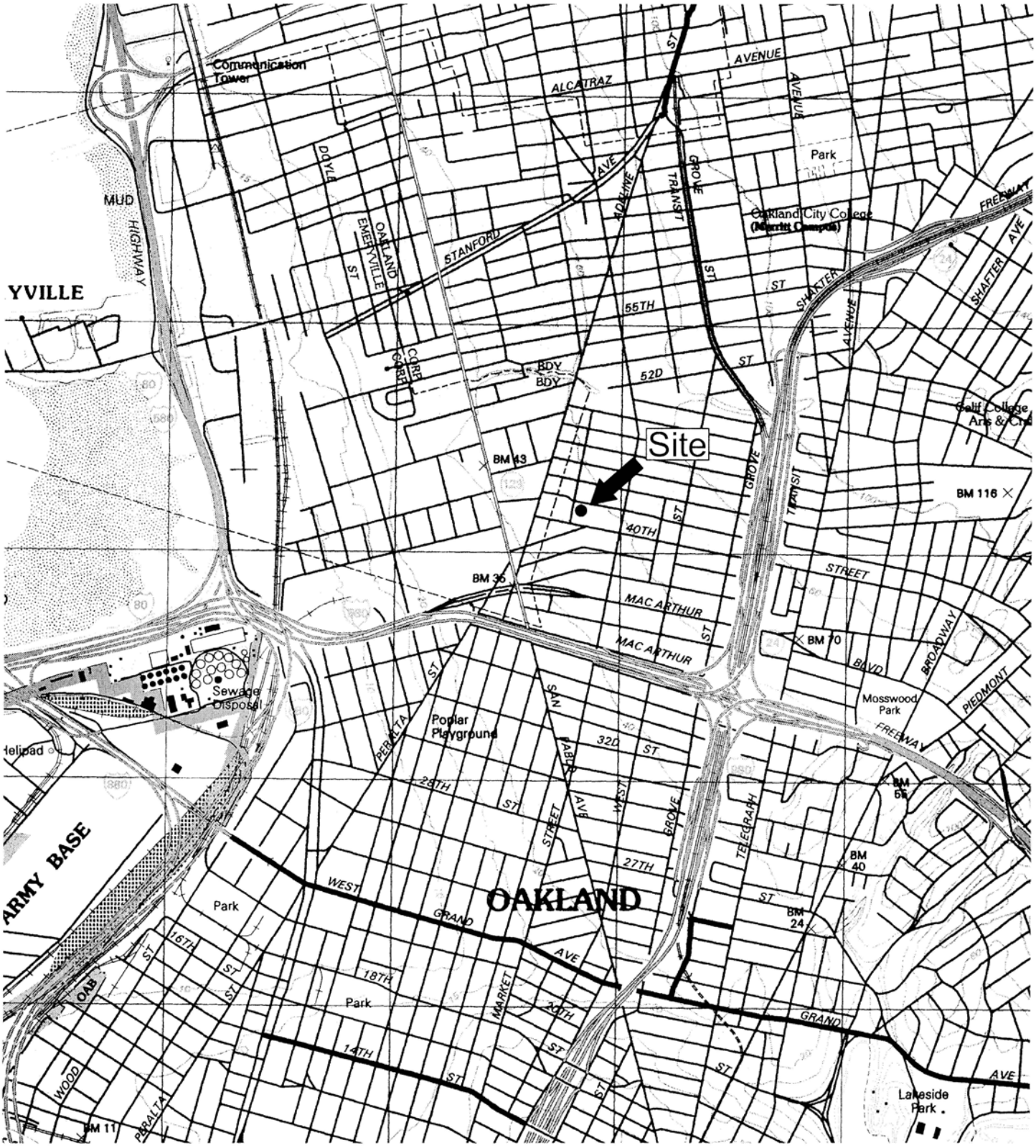


Figure 1
Site Location Map
California Linen Rental Company
989 41st Street
Oakland, California

N

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

Zemo & Associates, LLC

0 1000 2000
Scale in Feet

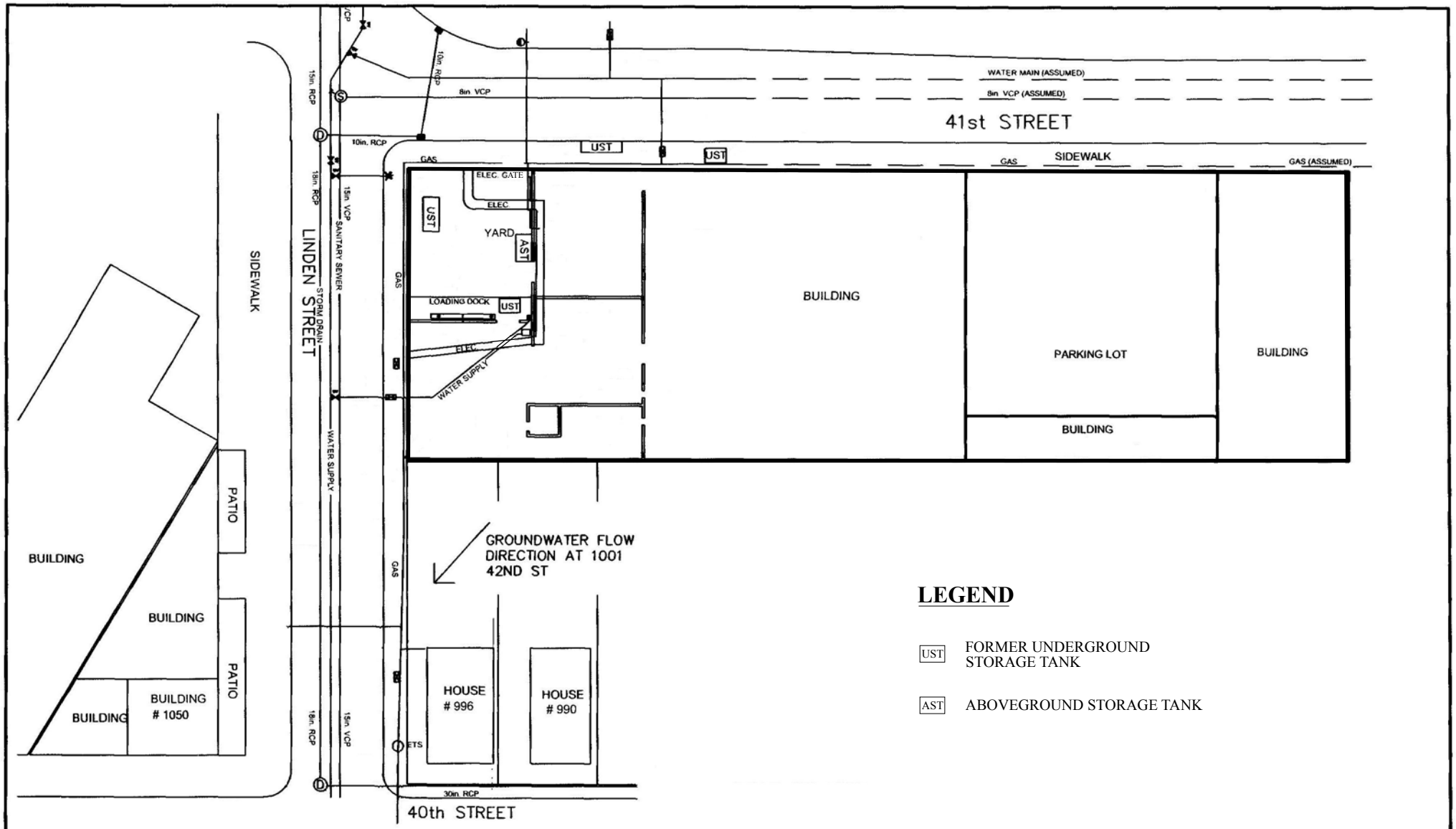


Figure 2
Site Map and Vicinity
California Linen Rental Company
989 41st Street
Oakland, California

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

Zemo & Associates, LLC

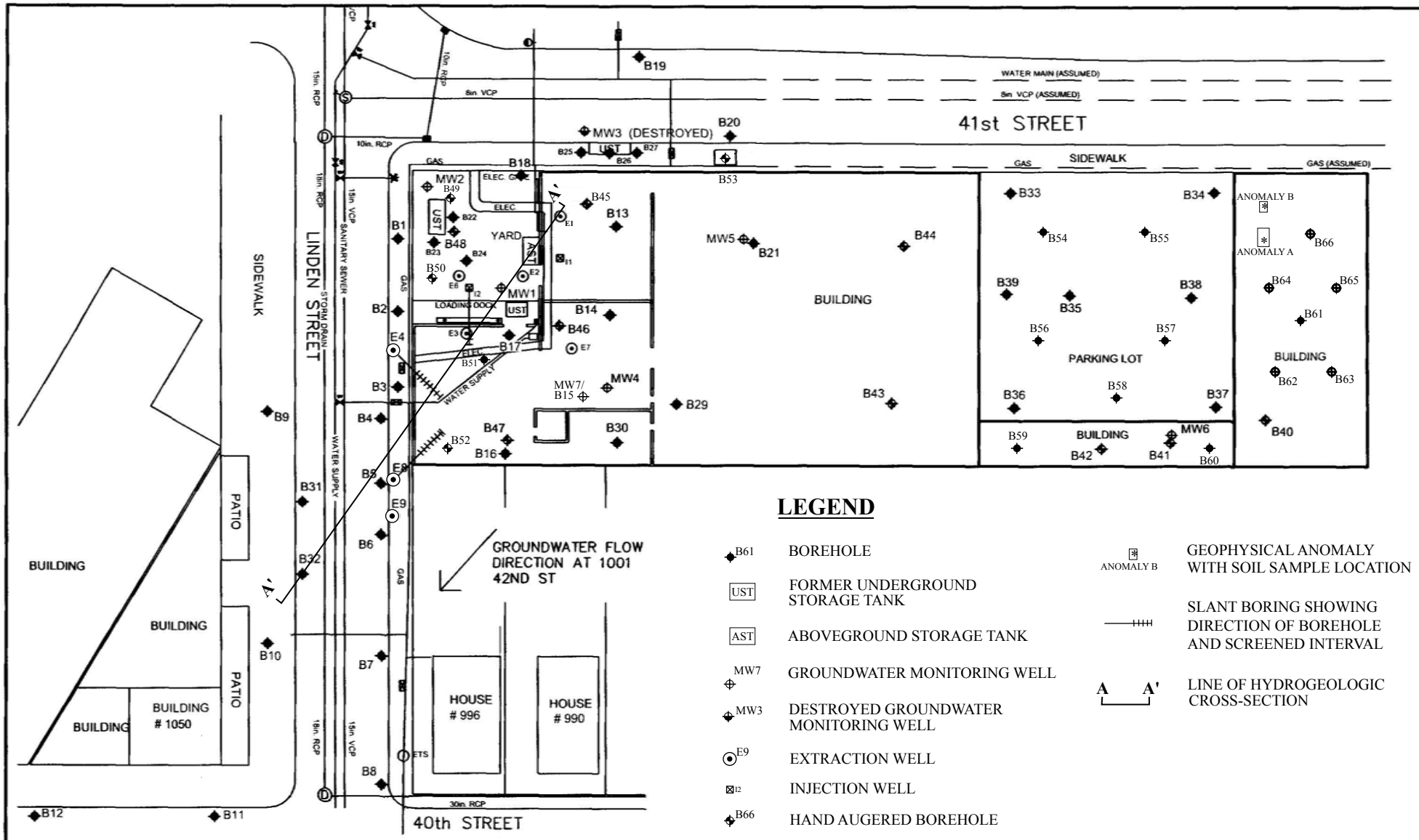


Figure 3
Site Vicinity Map Showing Soil Boring and Well Locations
California Linen Rental Company
989 41st Street
Oakland, California

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

Zemo & Associates, LLC

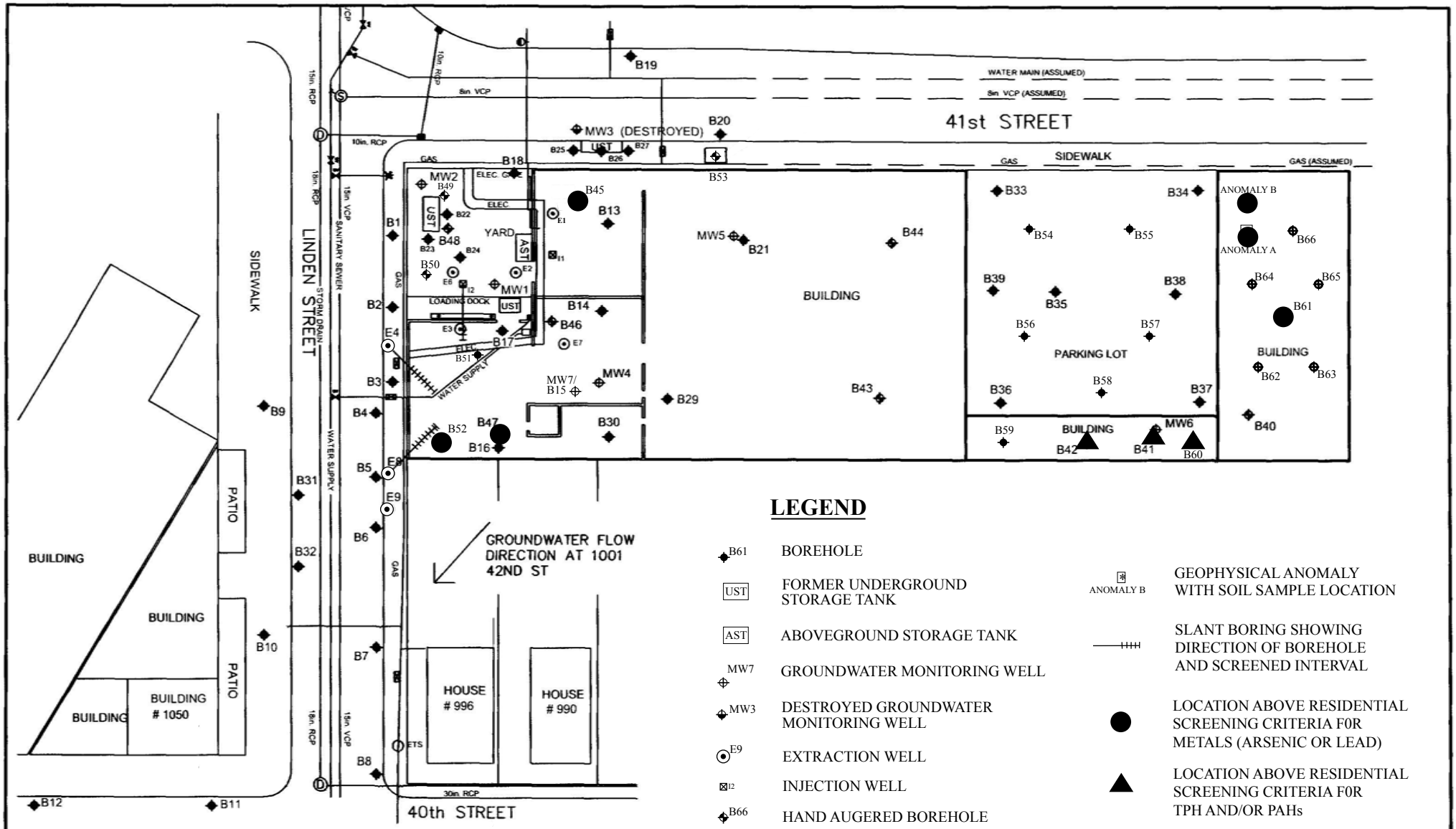


Figure 4
Locations Exceeding Residential Screening Criteria for Shallow Soil
California Linen Rental Company
989 41st Street
Oakland, California

N

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

Zemo & Associates, LLC

0 60 120
Approximate Scale in Feet

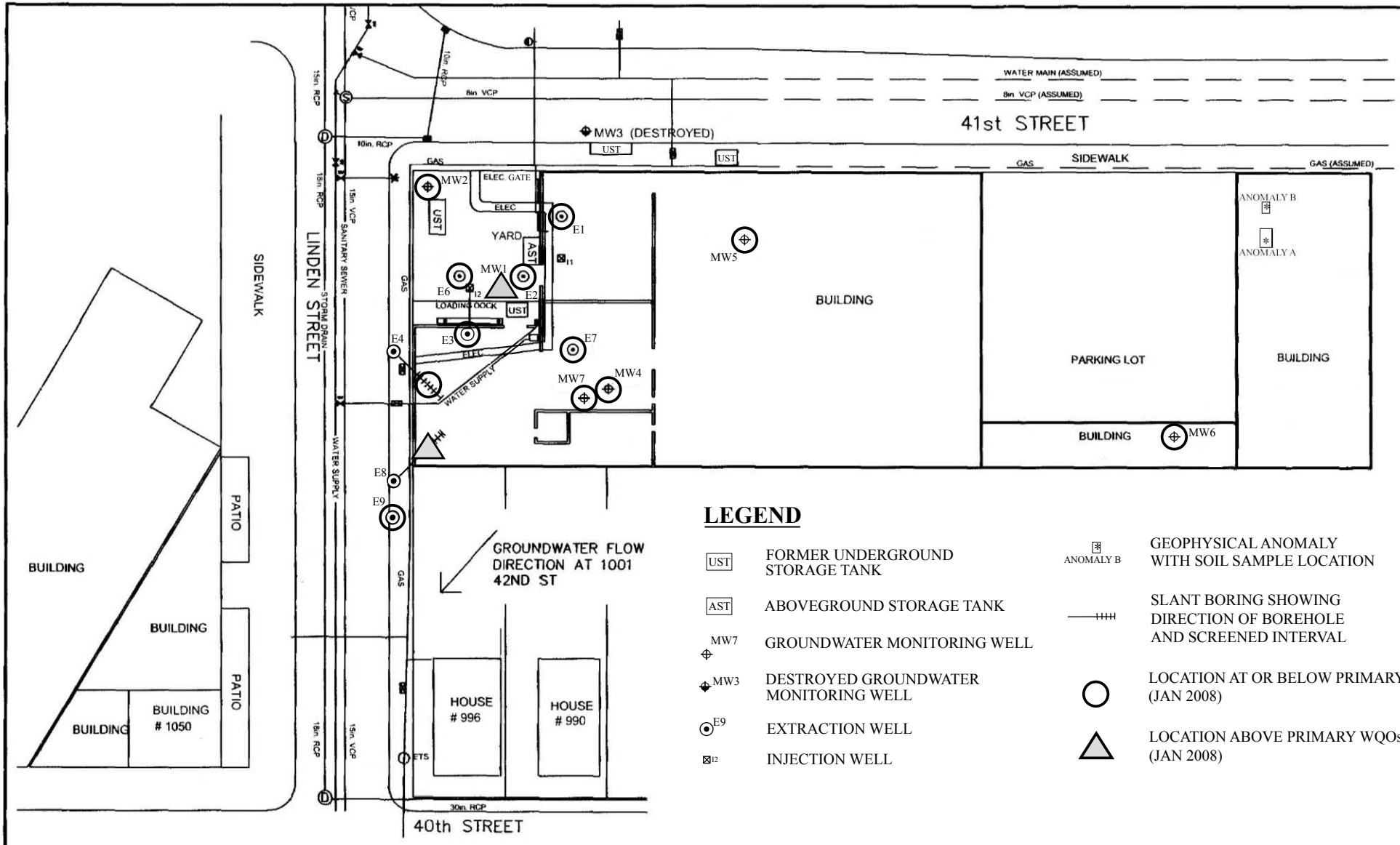


Figure 5
Monitoring Well Locations Exceeding Primary WQOs
California Linen Rental Company
989 41st Street
Oakland, California

N

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

Zemo & Associates, LLC

0 60 120
Approximate Scale in Feet

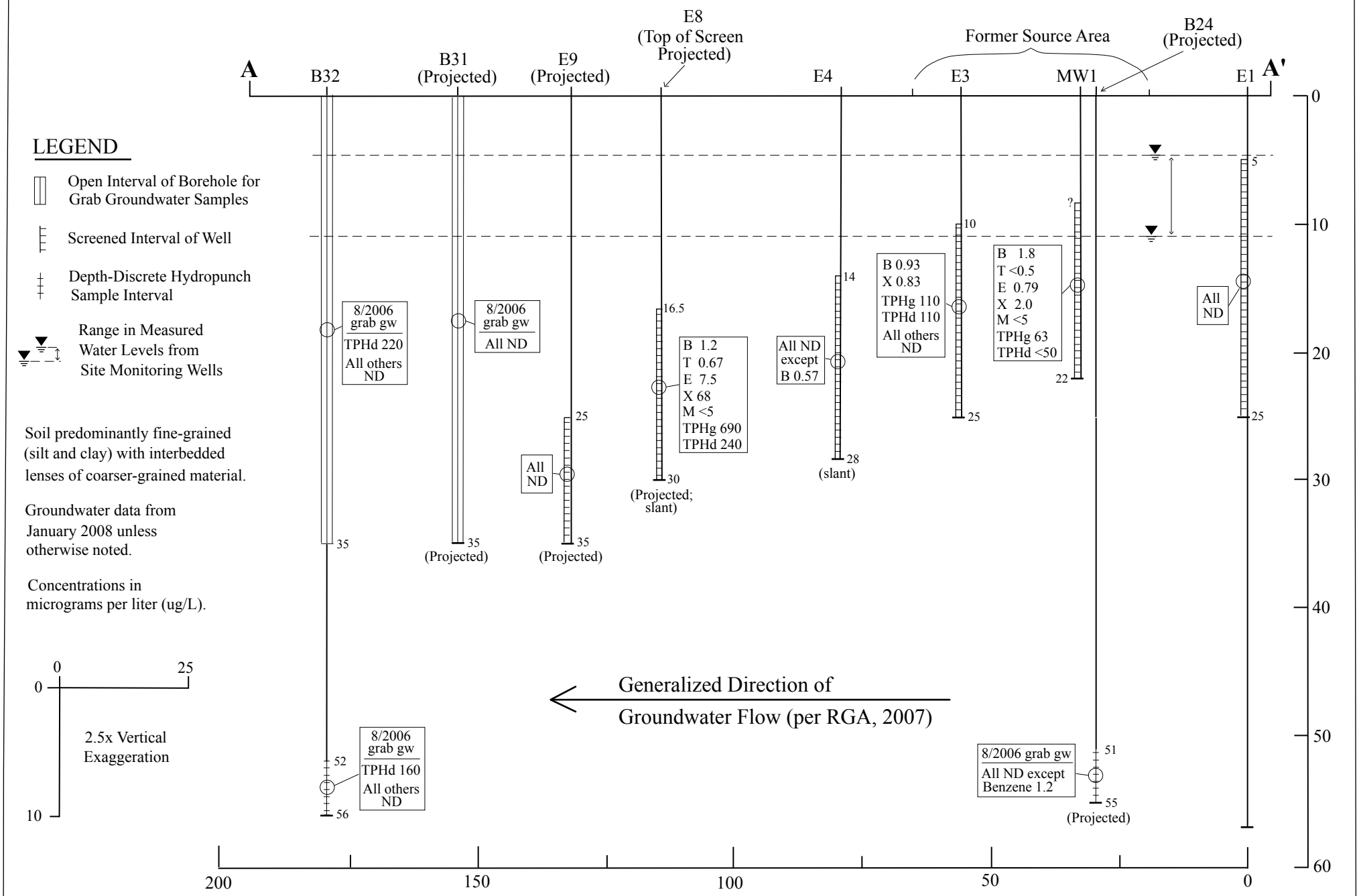


Figure 6 - Hydrogeologic Cross-Section A-A'

Zemo & Associates, LLC

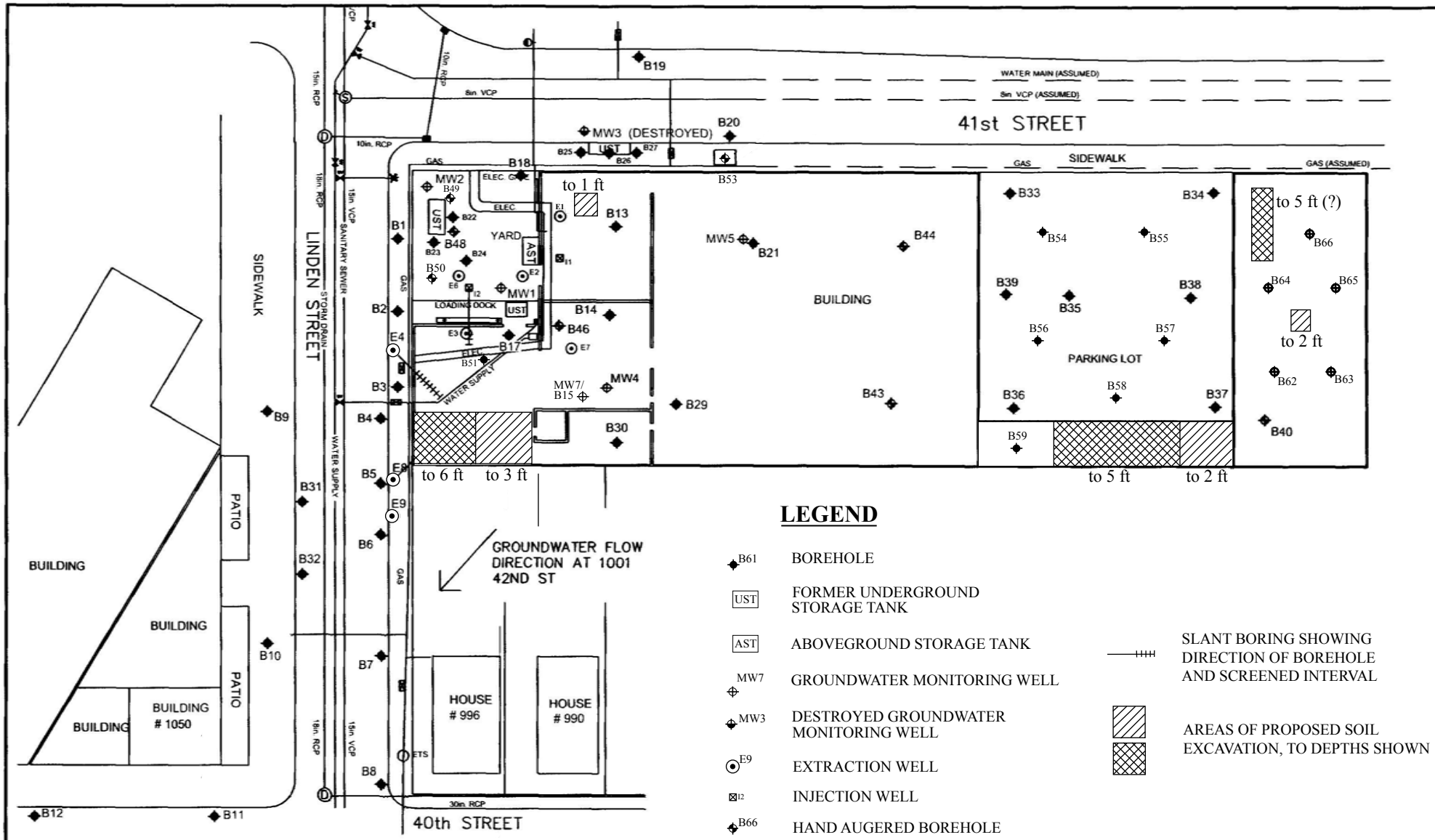


Figure 7
Proposed Areas for Soil Excavation
California Linen Rental Company
989 41st Street
Oakland, California

N

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

Zemo & Associates, LLC

0 60 120
Approximate Scale in Feet

February 4, 2008
Report 0304.R11
RGA Job # CLR17927

RGA ENVIRONMENTAL

Mr. Donald Miller
California Linen Rental Company
2104 Magnolia Way
Walnut Creek, CA 94595-1619

SUBJECT: SOIL BORING (B49 THROUGH B66) AND WELL INSTALLATION (MW7) REPORT
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 of 32 soil borings (B49 through B66 and others), and the installation, development, and sampling of groundwater monitoring well MW7. Field activities were performed on November 13 through December 10, 2007. These field activities were performed to augment existing boreholes and wells. In addition, all of the wells at the site were sampled on January 9 through 11, 2008 as part of the quarterly groundwater monitoring and sampling program for the site. A Site Location Map (Figure 1) and a Site Vicinity Map showing the borehole and well locations (Figure 2) are attached with this report. All work was performed under the direct supervision of a professional geologist.

BACKGROUND

The site is currently vacant, and was most recently used as a linen cleaning facility. Detailed discussions of the historic land use, historic subsurface investigations, and remedial actions are provided in RGA's 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) and RGA's Well Installation Report (E4, E8 and E9) dated May 14, 2007 (document 0304.R9).

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.

FIELD ACTIVITIES

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

Soil Borings

On November 13 through December 10, 2007, RGA personnel oversaw the drilling of boreholes B13a, B14a, B15a, B21a, B29a, B30a, B37a, B40a through B45a, B47a, and B49 through B66. The location of the boreholes designated with the letter "a" corresponds with previously drilled boreholes. Re-drilling at these locations was performed to collect shallow soil samples which had not been collected during previous investigations. Boreholes B43a, B44a, B49, B50, B52, B53 and B62 through B66 were hand augered using a 3.5-inch outside diameter stainless steel hand auger. The remaining boreholes were drilled by Vironex, Inc. of Pacheco, California using a GeoProbe. Because of expansive clays resulting in excessive slough in the GeoProbe samplers, dual tube drilling methods were used for boreholes which extended to a total depth of 20.0 feet (borings B37a, B40a through B42a, and B58 through B60). At locations that were drilled using GeoProbe technology but poor sample recovery was encountered in the GeoProbe core barrel sampler, a hand auger was used to re-drill the borehole at an immediately adjacent location for sample collection (B14a, B29a, B30a, B47a, B51, B54 and B55). The maximum depth explored in the boreholes was 20.0 feet. No groundwater was encountered in any of the boreholes. The borehole locations are shown on Figure 2.

Soil from the boreholes was logged in the field in accordance with standard geologic field techniques and the Unified Soil Classification System and was evaluated with a photoionization detector (PID) using a 10.6 eV bulb and calibrated using a 100 ppm isobutylene standard. Odors and PID values were recorded on the boring logs. Copies of the boring logs are attached with this report. Soil samples were retained from the boreholes at depths summarized in Table 2.

Soil samples were collected from the hand augered boreholes using a stainless steel sampler lined with a 2-inch diameter, 6-inch long stainless steel tube driven by a slide hammer. Following sample collection, the tube was removed from the sampler, the sample evaluated with the PID, and the ends of the tube were sequentially covered with aluminum foil and plastic endcaps. The sample was then labeled and placed into a cooler with ice pending delivery to the laboratory. Chain of custody procedures were observed for all sample handling.

Soil samples were collected from the boreholes drilled using GeoProbe technology by continuously coring the boreholes using a 5-foot long 2.0-inch outside diameter macrocore barrel sampler lined with cellulose acetate liners. Following removal of the liner from the sampler, the liner was evaluated for the amount of sample recovery in the liner, and a 6-inch long section of the liner was then cut at the depth corresponding to the desired sample collection depth. The ends of the sample were evaluated with a PID and then sequentially covered with aluminum foil and plastic endcaps. The sample was then labeled and placed into a cooler with ice pending delivery to the 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, wells were constructed in each borehole. Soil and water generated during drilling was stored in drums at the site pending characterization and disposal.

Groundwater Monitoring Well Installation

At borehole location B15 the borehole was enlarged by Vironex, Inc. using truck-mounted 8-inch outside diameter hollow stem augers to a depth of 20.0 feet and well MW7 was constructed in the borehole. The well was constructed using a 2-inch diameter Schedule 40 PVC pipe with 13.0 feet of 0.020-inch factory slotted pipe placed in the bottom of the borehole. A cap was placed on the bottom of the well. The annular space surrounding the PVC pipe was filled with #2/16 RMC Pacific Materials sack sand from the bottom of the borehole to a height of one foot above the top of the slotted interval. A one-foot thick layer of bentonite pellets was placed above the sand and hydrated. Neat cement grout was placed in the remaining annular space to approximately one foot below the ground surface. The top of each of the PVC well pipe was secured with a watertight locking plug and enclosed in a watertight traffic-rated well box which was secured in the borehole with concrete. Well construction specifications for the well are provided in the Well Construction Diagram attached with this report.

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, wells were constructed in each borehole. Soil and water generated during drilling was stored in drums at the site pending characterization and disposal.

Well Development

On November 19, 2007, well MW7 was developed by surging and over-pumping. Very low recharge rates were encountered in the well during development, and the water was initially described as very turbid, with a consistency described as similar to paint. Less than 5 gallons of water was removed from the well during development. No petroleum hydrocarbon odors or sheen were detected from the purge water from the well. Water removed from the well during development was stored in a drum at the site pending characterization and disposal.

Groundwater Sample Collection

On November 21, 2007 RGA personnel monitored well MW7. The well was monitored for depth to water and the presence of free product or sheen. The depth to water was measured to the nearest 0.01 foot using an electric water level indicator and the presence of free product or sheen was evaluated using a transparent bailer. No free product or sheen was observed in the groundwater monitoring well. The depth-to-water measurements are summarized in Table 1.

Prior to well sampling, well MW7 was purged of a minimum of three casing volumes of water. No petroleum hydrocarbon odors or sheen were detected from the purge water from the well.

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 disposable bailer. Records of the field parameters measured during well purging are included with this report.

On January 9 through 11, 2008 RGA personnel returned to the site and monitored and sampled all of the groundwater monitoring wells at the site using procedures described above. The depth-to-water measurements are summarized in Table 1. Records of the field parameters measured during well purging are included with this report.

The water samples were transferred from the disposable bailer to 40-milliliter glass Volatile Organic Analysis (VOA) vials and 1-liter amber glass bottles that were sealed with Teflon-lined screw caps. The VOA vials were overturned and tapped to assure that no air bubbles were present. The VOA vials and bottles were then transferred to a cooler with ice, pending transport to the 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.

Soil and Water Disposal

One composite soil sample designated as COMP A was collected from the drummed soil for characterization for disposal purposes. Four drums of soil generated during drilling were removed from the site as RCRA hazardous waste and 19 drums of water generated during well purging and well development were removed from the site as non-hazardous waste on January 30, 2008 by Clearwater Environmental of Newark, California (Clearwater). Clearwater is a State-licensed hazardous waste transporter. The drums were transported to the Alviso Independent Oil facility in Alviso, California using non-hazardous waste manifest XXXX. The Alviso Independent Oil facility is a State-licensed Transfer Storage and Disposal Facility for hazardous waste. Copies of the soil and water disposal manifests are attached with this report.

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 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 west, 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 westerly.

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 information from 10 groundwater monitoring wells located at and near the Kozel property.

The subsurface materials encountered in the boreholes were consistent with previously encountered materials, and consisted predominantly of silty clay and clayey silt. A more detailed discussion of the site geology is provided in RGA's 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) and RGA's Well Installation Report (E4, E8 and E9) dated May 14, 2007 (document 0304.R9).

LABORATORY RESULTS

All of the soil and groundwater samples were analyzed at McCampbell Analytical, Inc. The analysis performed for the different soil samples is summarized in Table 2. The groundwater samples were analyzed for TPH-G, TPH-D, and TPH-BO (TPH-Multirange), and for BTEX using modified EPA Method 8015C. The soil and groundwater sample results are tabulated under separate cover. Copies of the laboratory analytical reports and chain of custody documentation are attached with this report.

Discussion of the sample results and associated recommendations are provided under separate cover.

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.

February 4, 2008
Report 0304.R11

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.

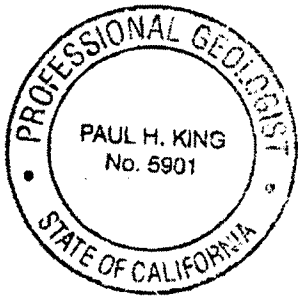
Should you have any questions or comments, please do not hesitate to contact us at (510) 547-7771.

Sincerely,

RGA Environmental. Inc.

Paul H. King

Paul H. King
Professional Geologist #5901
Expires: 12/31/09



Steven J Carmack
for
Karin Schroeter
Project Manager

Attachments:

Table 1- Measured Depth to Groundwater In Wells
Table 2- Summary of Soil Sample Collection Depths
Figure 1- Site Location Map
Figure 2- Site Vicinity Map Showing Soil Boring and Well Locations
Boring Logs
Well Construction Diagram
Groundwater Monitoring/Well Purging Data Sheets
Soil and Water Disposal Manifests
Laboratory Analytical Reports and Chain of Custody Documentation

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TABLES

Table 1
Summary of Historical Depth to Groundwater in Wells

Well No	Date	Depth To Water (ft)
E1	1/9/2008	7.57
	10/5/2007	10.01
	7/31/2007	10.50
	11/1/2006	24.15*
E2	1/9/2008	5.96
	10/5/2007	9.54
	7/31/2007	17.00
	11/1/2006	24.55*
E3	1/9/2008	6.74
	10/5/2007	10.76
	7/31/2007	16.70
	11/1/2006	24.35*
E4	1/9/2008	20.95
	10/5/2007	11.73
	7/31/2007	28.00*
E6	1/9/2008	5.58
	10/5/2007	9.77
	7/31/2007	19.78*
	11/1/2006	17.10*
E7	1/9/2008	6.64
	10/5/2007	10.31
	7/31/2007	22.80*
	10/31/2006	9.49
E8	1/9/2008	4.28
	10/5/2007	8.97
	7/31/2007	25.20

NOTES:
* = Well being pumped/extracted prior to monitoring.

Table 1
Summary of Historical Depth to Groundwater in Wells

Well No	Date	Depth To Water (ft)
E9	1/9/2008	4.29
	10/5/2007	8.58
	7/31/2007	22.20
I1	1/9/2008	6.87
	10/5/2007	9.96
	7/31/2007	11.80
	10/31/2006	20.33
MW1	1/9/2008	5.66
	10/5/2007	9.40
	7/31/2007	19.50*
	10/31/2006	22.12*
	4/2/2003	7.00
MW2	1/9/2008	7.72
	10/5/2007	9.59
	7/31/2007	9.20
	10/31/2006	8.80
	4/2/2003	9.09
MW4	1/9/2008	7.24
	10/5/2007	11.33
	2/28/2007	18.96
MW5	1/9/2008	7.60
	10/5/2007	8.74
	2/28/2007	7.95
MW6	1/9/2008	6.91
	10/5/2007	10.21
	2/28/2007	7.40
MW7	1/9/2008	5.62
	11/21/2007	8.89

NOTES:

* = Well being pumped/extracted prior to monitoring.

TABLE 2
SUMMARY OF
SOIL SAMPLE COLLECTION DEPTHS

Borehole No.	Sample ID	Sample Date	Sample Depth (feet)
B13a	B13a-1.5	11/13/2007	1.5
	B13a-3.5	11/13/2007	3.5
	B13a-5.0	11/13/2007	5.0
	B13a-7.0	11/13/2007	7.0
B14a	B14a-1.0	12/5/2007	1.0
	B14a-3.0	12/5/2007	3.0
	B14a-4.5	11/14/2007	4.5
	B14a-7.0	11/14/2007	7.0
	B14a-12.0	11/14/2007	12.0
B15a	B15a-1.0	11/13/2007	1.0
	B15a-2.0	11/13/2007	2.0
	B15a-5.0	11/13/2007	5.0
	B15a-7.0	11/13/2007	7.0
	B15a-12.0	11/13/2007	12.0
	B15a-19.5	11/13/2007	19.5
MW7	MW7-1.0	11/15/2007	1.0
	MW7-3.0	11/15/2007	3.0
B21a	B21a-1.0	11/13/2007	1.0
	B21a-2.5	11/13/2007	2.5
	B21a-5.0	11/13/2007	5.0
	B21a-7.0	11/13/2007	7.0
B29a	B29a-1.5	12/6/2007	1.5
	B29a-2.5	11/13/2007	2.5
	B29a-4.5	11/13/2007	4.5
B30a	B30a-1.0	12/6/2007	1.0
	B30a-3.0	11/13/2007	3.0
	B30a-4.5	11/13/2007	4.5
	B30a-6.5	11/13/2007	6.5
B37a	B37a-3.0	11/14/2007	3.0
	B37a-5.0	11/14/2007	5.0
	B37a-7.0	11/14/2007	7.0
	B37a-12.0	11/14/2007	12.0
	B37a-19.5	11/14/2007	19.5
B40a	B40a-3.5	11/14/2007	3.5
	B40a-5.0	11/14/2007	5.0
	B40a-7.0	11/14/2007	7.0
	B40a-12.0	11/14/2007	12.0
	B40a-19.5	11/14/2007	19.5

TABLE 2
SUMMARY OF
SOIL SAMPLE COLLECTION DEPTHS
(continued)

Borehole No.	Sample ID	Sample Date	Sample Depth (feet)
B41a	B41a-5.0	11/14/2007	5.0
	B41a-7.0	11/14/2007	7.0
	B41a-12.0	11/14/2007	12.0
	B41a-19.5	11/14/2007	19.5
B42a	B42a-5.0	11/14/2007	5.0
	B42a-7.0	11/14/2007	7.0
	B42a-12.0	11/14/2007	12.0
	B42a-19.5	11/14/2007	19.5
B43a	B43a-1.0	11/15/2007	1.0
	B43a-3.0	11/15/2007	3.0
	B43a-5.0	11/15/2007	5.0
B44a	B44a-1.0	11/15/2007	1.0
	B44a-3.0	11/15/2007	3.0
	B44a-5.0	11/15/2007	5.0
B45a	B45a-1.0	11/13/2007	1.0
	B45a-2.5	11/13/2007	2.5
	B45a-5.0	11/13/2007	5.0
B47a	B47a-2.0	12/6/2007	2.0
	B47a-3.5	11/13/2007	3.5
	B47a-4.5	11/13/2007	4.5
	B47a-6.0	11/13/2007	6.0
B49	B49-1.0	11/14/2007	1.0
	B49-3.0	11/14/2007	3.0
	B49-5.0	11/14/2007	5.0
B50	B50-1.0	11/14/2007	1.0
	B50-3.0	11/14/2007	3.0
	B50-5.0	11/14/2007	5.0
B51	B51-2.0	12/6/2007	2.0
	B51-3.0	11/14/2007	3.0
	B51-4.5	11/14/2007	4.5
B52	B52-1.5	12/6/2007	1.5
	B52-3.0	12/6/2007	3.0
	B52-5.0	12/6/2007	5.0

TABLE 2
SUMMARY OF
SOIL SAMPLE COLLECTION DEPTHS
(continued)

Borehole No.	Sample ID	Sample Date	Sample Depth (feet)
B53	B53-3.0	12/10/2007	3.0
	B53-5.0	12/10/2007	5.0
	B53-7.0	12/10/2007	7.0
	B53-12.0	12/10/2007	12.0
B54	B54-1.0	12/5/2007	1.0
	B54-3.0	12/5/2007	3.0
	B54-4.5	11/13/2007	4.5
B55	B55-1.0	12/4/2007	1.0
	B55-3.0	12/4/2007	3.0
	B55-4.5	11/13/2007	4.5
B56	B56-1.0	11/13/2007	1.0
	B56-3.0	11/13/2007	3.0
	B56-4.5	11/13/2007	4.5
B57	B57-1.0	11/13/2007	1.0
	B57-3.0	11/13/2007	3.0
	B57-4.5	11/13/2007	4.5
B58	B58-1.0	11/14/2007	1.0
	B58-4.5	11/15/2007	4.5
	B58-6.0	11/15/2007	6.0
	B58-8.0	11/15/2007	8.0
	B58-12.0	11/15/2007	12.0
	B58-19.5	11/15/2007	19.5
B59	B59-1.0	11/14/2007	1.0
	B59-3.0	11/14/2007	3.0
	B59-5.0	11/14/2007	5.0
	B59-7.0	11/14/2007	7.0
	B59-12.0	11/14/2007	12.0
	B59-19.5	11/14/2007	19.5
B60	B60-1.0	11/14/2007	1.0
	B60-3.0	11/14/2007	3.0
	B60-5.0	11/14/2007	5.0
	B60-7.0	11/14/2007	7.0
	B60-12.0	11/14/2007	12.0
	B60-19.5	11/14/2007	19.5

TABLE 2
SUMMARY OF
SOIL SAMPLE COLLECTION DEPTHS
(continued)

Borehole No.	Sample ID	Sample Date	Sample Depth (feet)
B61	B61-1.0	11/13/2007	1.0
	B61-3.0	11/13/2007	3.0
	B61-5.0	11/13/2007	5.0
B62	B62-1.0	12/4/2007	1.0
	B62-3.0	12/4/2007	3.0
	B62-5.0	12/4/2007	5.0
B63	B63-1.0	12/4/2007	1.0
	B63-3.0	12/4/2007	3.0
	B63-5.0	12/4/2007	5.0
B64	B64-1.0	12/4/2007	1.0
	B64-3.0	12/4/2007	3.0
	B64-5.0	12/4/2007	5.0
B65	B65-1.0	12/4/2007	1.0
	B65-3.0	12/4/2007	3.0
	B65-5.0	12/4/2007	5.0
B66	B66-1.0	12/4/2007	1.0
	B66-3.0	12/4/2007	3.0
	B66-5.0	12/4/2007	5.0

FIGURES

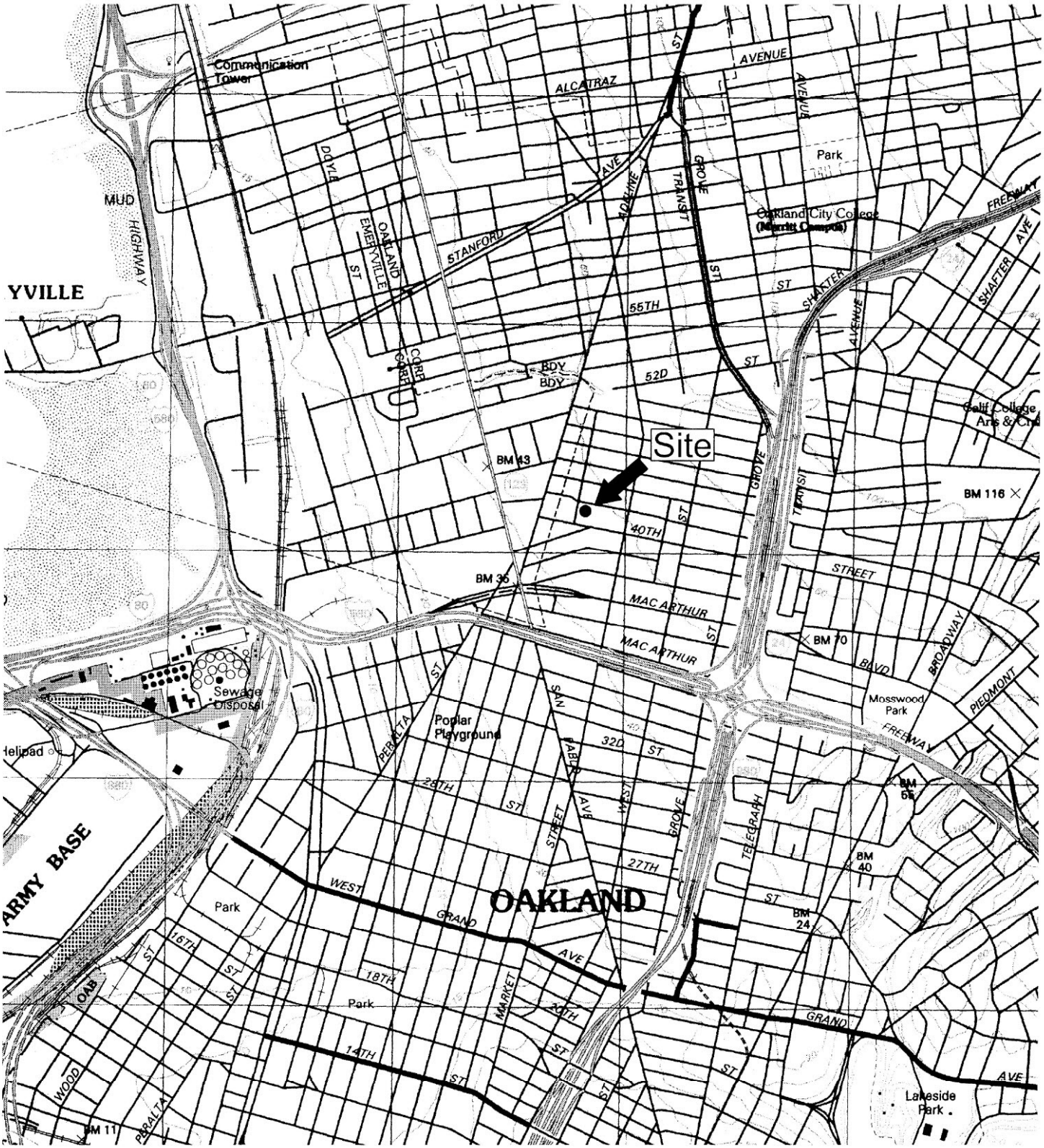

Figure 1
Site Location Map
California Linen Rental Company
989 41st Street
Oakland, California

N

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

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

0 1000 2000
Scale in Feet

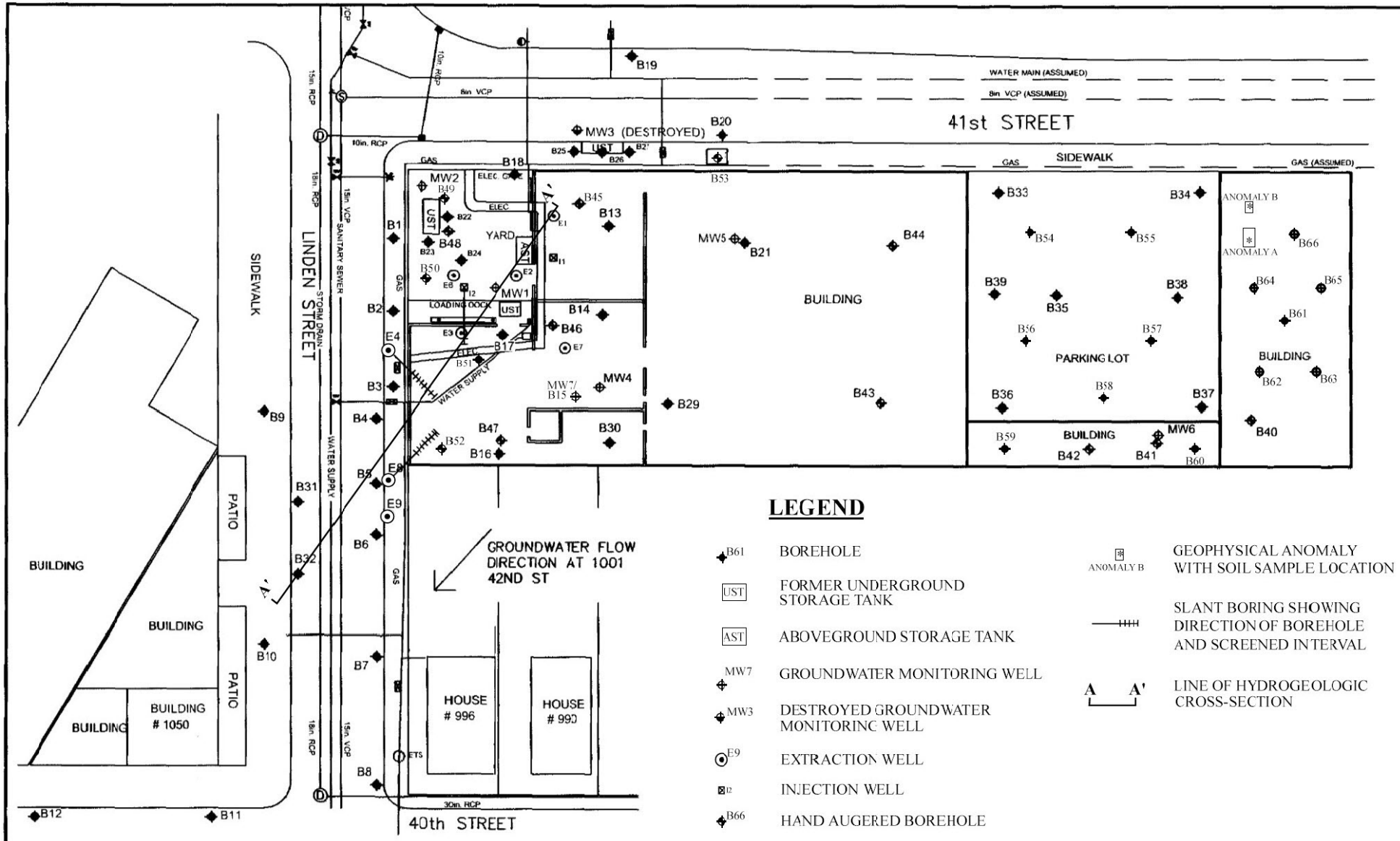

Figure 2
Site Vicinity Map Showing Soil Boring and Well Locations
California Linen Rental Company
989 41st Street
Oakland, California

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

BORING LOGS

RGA ENVIRONMENTAL, INC.

BORING NO.: B13 a	PROJECT NO.: 0304	PROJECT NAME: Cal Linen, 989 41st Street, Oakland	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: Vironex	DRILLER: Bryan T.	DATE & TIME STARTED: 11/13/07	DATE & TIME FINISHED: 11/13/07
DRILLING EQUIPMENT: Track Rig 6610 DT			
COMPLETION DEPTH: 7.5 feet	BEDROCK DEPTH: None encountered	LOGGED BY: SF	CHECKED BY:
FIRST WATER DEPTH: None encountered	NO. OF SAMPLES: 4 soil		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	Concrete slab (18 in.), sand, and gravel (FILL) No Petroleum Hydrocarbon (PHC) odor.	FILL				Borehole continuously cored using a 5-foot long 2-inch O.D. Geoprobe Macrocore barrel sampler. The sampler was lined with 5-foot long 1-3/4 inch O.D. cellulose acetate tubes.
	Black clay (CH): moist. very stiff. No PHC odor.	X	B13a -1.5			
		X CH	B13a -3.5			
5	4.5 ft. With abudant gravel to 0.5 in., to 7.5 ft.	X	B13a -5.0			2-5: 3.0 ft. recovery 5-7.5: 2.5 ft. recovery
		X	B13a -7.0			No water encountered.
10						Borehole terminated at 20.0 ft. on 11/13/07.
						Borehole grouted on 11/13/07 using neat cement grout.
15						
20						
25						
30						

RGA ENVIRONMENTAL, INC.

BORING NO.: B14 a	PROJECT NO.: 0304	PROJECT NAME: Cal Linen, 989 41st Street, Oakland	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: Vironex	DRILLER: Bryan T.	DATE & TIME STARTED: 11/14/07	DATE & TIME FINISHED: 11/14/07
DRILLING EQUIPMENT: Track Rig 6610 DT			
COMPLETION DEPTH: 12.5 feet	BEDROCK DEPTH: None encountered	LOGGED BY: SF	CHECKED BY:
FIRST WATER DEPTH: None encountered	NO. OF SAMPLES: 3 soil		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	Concrete (8.5 in. slab), gravel, and sand (FILL) No Petroleum Hydrocarbon (PHC) odor.	X FILL	B14a-1.0			Borehole continuously cored using a 5-foot long 2-inch O.D. Geoprobe Macrocore barrel sampler. The sampler was lined with 5-foot long 1-3/4 inch O.D. cellulose acetate tubes.
		X	B14a-3.0			
5	Black silty clay (CL); moist, stiff with some gravel to 1". No PHC odor.	X	B14 a-4.5			0-5: 8" recovery 5-10: 5.0 ft. recovery 10-12.5: 2.5 recovery No water encountered.
	7.5 ft. Color change to light gray-brown, with abundant gravel to 1".	X CL	B14 a-7.0			Borehole terminated at 12.5 ft. on 11/14/07.
10						Borehole grouted on 11/14/07 using neat cement grout.
	11 to 12.5 ft. Light brown, with sand and silt, orange and black mottling, and minor gravel to 0.25 in.	X	B14 a-12.0			
15						Borehole subsequently hand augered for shallow soil sample collection because of poor GeoProbe sample recovery. Collected samples B14a-1.0, and B14a-3.0 on 12/5/07 using a stainless steel sampler driven by a slide hammer.
20						
25						
30						

RGA ENVIRONMENTAL, INC.

BORING NO.: MW7/B15a PROJECT NO.: 0304 PROJECT NAME: Cal Linen, 989 41st Street, Oakland

BORING LOCATION: ELEVATION AND DATUM:

DRILLING AGENCY: Vironex DRILLER: Bryan T. DATE & TIME STARTED: 11/13/07 DATE & TIME FINISHED: 11/15/07

DRILLING EQUIPMENT: Track Rig 6610 DT

COMPLETION DEPTH: 20 feet BEDROCK DEPTH: None encountered LOGGED BY: SF CHECKED BY:

FIRST WATER DEPTH: None encountered NO. OF SAMPLES: 6 soil

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	Concrete, sand, and gravel (FILL); 2 concrete slabs with 2-in. sand between, and loose sand and gravel. No Petroleum Hydrocarbon (PHC) odor.	FILL	B15a -1.0			Borehole hand-augered to 3 feet to obtain soil samples at 1.0 and 2.0 feet.
	Black clay (CH); moist, very stiff. No PHC odor.	CH	B15a -2.0			Borehole continuously cored between 3 and 20 feet using a 5-foot long 2-inch O.D. Geoprobe Macrocore barrel sampler. The sampler was lined with 5-foot long 1-3/4 inch O.D. cellulose acetate tubes.
5			B15a -5.0			
	Light gray-brown silty clay (CL); moist, very stiff, with orange mottling. No PHC odor.		B15a -7.0			3-5: 1.5 ft. recovery 5-10: 4.5 ft. recovery 10-15: 5.0 recovery 15-20: 5.0 recovery
	8 ft. Brown with orange and black mottling, and minor gravel to 0.25 in.					
10						
		CL	B15a -12.0			
15						
20	Brown clayey silt (ML); moist, stiff, with black mottling. No PHC odor.	ML	B15a -19.5			No water encountered. Borehole B15A terminated at 20.0 ft. on 11/13/07. Monitoring well MW7 installed in borehole 11/15/07. See Well Construction Diagram.
25						
30						

RGA ENVIRONMENTAL, INC.

BORING NO.: B21a	PROJECT NO.: 0304	PROJECT NAME: Cal Linen, 989 41st Street, Oakland	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: Vironex	DRILLER: Bryan T.	DATE & TIME STARTED: 11/13/07	DATE & TIME FINISHED: 11/13/07
DRILLING EQUIPMENT: Track Rig 6610 DT			
COMPLETION DEPTH: 7.5 feet	BEDROCK DEPTH: None encountered	LOGGED BY: SF	CHECKED BY:
FIRST WATER DEPTH: None encountered	NO. OF SAMPLES: 4 soil		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	Concrete (4.5 in. slab), sand, and concrete and brick gravel (FILL). No Petroleum Hydrocarbon (PHC) odor.	FILL				Borehole continuously cored using a 5-foot long 2-inch O.D. Geoprobe Macrocore barrel sampler. The sampler was lined with 5-foot long 1-3/4 inch O.D. cellulose acetate tubes.
	Black clay (CH); moist, very stiff. No PHC odor.	CH	B21a -1.0			
		CH	B21a -2.5			0-5: 3.0 recovery
5	Brown silty sandy clay (CL); moist, very stiff, with abundant gravel to 1 in. No PHC odor.		B21a -5.0			5-7.5: 2.5 ft. recovery
	6 ft. Color change to gray-brown.		B21a -7.0			No water encountered.
10						Borehole terminated at 12.5 ft. on 11/13/07.
						Borehole grouted on 11/13/07 using neat cement grout.
15						
20						
25						
30						

RGA ENVIRONMENTAL, INC.

BORING NO.: B29 a	PROJECT NO.: 0304	PROJECT NAME: Cal Linen, 989 41st Street, Oakland	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: Vironex	DRILLER: Bryan T.	DATE & TIME STARTED: 11/13/07	DATE & TIME FINISHED: 11/13/07
DRILLING EQUIPMENT: Track Rig 6610 DT			
COMPLETION DEPTH: 5.0 feet	BEDROCK DEPTH: None encountered	LOGGED BY: SF	CHECKED BY:
FIRST WATER DEPTH: None encountered	NO. OF SAMPLES: 2 soil		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	Concrete slab (11 in.), sand, and gravel (FILL). No Petroleum Hydrocarbon (PHC) odor.	FILL				Borehole continuously cored using a 5-foot long 2-inch O.D. Geoprobe Macrocore barrel sampler. The sampler was lined with 5-foot long 1-3/4 inch O.D. cellulose acetate tubes.
	Brown silty sandy clay (CL); moist, stiff, with black mottling, and some gravel to 0.5 in. No PHC odor.	CL	B29a-1.5			0-5: 4.5 ft. recovery
	Black clay (CH); moist, stiff. No PHC odor.		B29a -2.5			No water encountered.
5			B29a -4.5			Borehole terminated at 5.0 ft. on 11/13/07.
						Borehole grouted on 11/13/07 using neat cement grout.
10						Borehole subsequently hand augered for shallow soil sample collection because of poor GeoProbe sample recovery.
						Collected sample B29a-1.5 on 12/6/07 using a stainless steel sampler driven by a slide hammer.
15						
20						
25						
30						

RGA ENVIRONMENTAL, INC.

BORING NO.: B30a	PROJECT NO.: 0304	PROJECT NAME: Cal Linen, 989 41st Street, Oakland	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: Vironex	DRILLER: Bryan T.	DATE & TIME STARTED: 11/13/07	DATE & TIME FINISHED: 11/13/07
DRILLING EQUIPMENT: Track Rig 6610 DT			
COMPLETION DEPTH: 7.5 feet	BEDROCK DEPTH: None encountered	LOGGED BY: SF	CHECKED BY:
FIRST WATER DEPTH: None encountered	NO. OF SAMPLES: 3 soil		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	Concrete slab (6 in.), clayey sand, and gravel (FILL). No Petroleum Hydrocarbon (PHC) odor.	X FILL	B30a-1.0			Borehole continuously cored using a 5-foot long 2-inch O.D. Geoprobe Macrocore barrel sampler. The sampler was lined with 5-foot long 1-3/4 inch O.D. cellulose acetate tubes.
	Black clay (CH); moist, stiff, quite homogeneous No PHC odor.	X	B30a -3.0			0-5: 3.0 ft. recovery 5-7.5: 1.2 ft
5		X CH	B30a -4.5			No water encountered.
		X	B30a -6.5			
10						Borehole terminated at 7.5 ft. on 11/13/07.
						Borehole grouted on 11/13/07 using neat cement grout.
						Borehole subsequently hand augered for shallow soil sample collection because of poor GeoProbe sample recovery.
15						Collected sample B30a-1.0 on 12/6/07 using a stainless steel sampler driven by a slide hammer.
20						
25						
30						

RGA ENVIRONMENTAL, INC.

BORING NO.: B37a	PROJECT NO.: 0304	PROJECT NAME: Cal Linen, 989 41st Street, Oakland	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: Vironex	DRILLER: Bryan T.	DATE & TIME STARTED: 11/14/07	DATE & TIME FINISHED: 11/14/07
DRILLING EQUIPMENT: Dual Tube DT32			
COMPLETION DEPTH: 20 feet	BEDROCK DEPTH: None encountered	LOGGED BY: SF	CHECKED BY:
FIRST WATER DEPTH: None encountered	NO. OF SAMPLES: 5 soil		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	Concrete (6 in. slab), sand, and gravel (FILL); No Petroleum Hydrocarbon (PHC) odor.	FILL				Borehole continuously cored using a 5-foot long 3.25-inch O.D. sampler. The sampler was lined with 5-foot long 2 inch O.D. stainless steel tubes.
	Black clay (CH); moist, stiff. No PHC odor.	CH	B37a -3.0			
5	Light gray-brown silty clay (CL); moist, stiff, with orange mottling, some fine sand, and some gravel to 0.25 in. No PHC odor.		B37a -5.0			0-5: 4.5 ft. recovery 5-10: 4.5 ft. recovery 10-15: 5.0 recovery 15-20: 5.0 recovery
	7.5 ft. With abundant gravel to 0.25 in.	CL	B37a -7.0			
10	Brown clayey silt (ML); moist, stiff, wuth abundant rounded gravel to 0.5 in. No PHC odor.	ML				
	Brown silty sandy clay (CL); moist to wet, very stiff, with abundant gravel to 0.25 in. No PHC odor.		B37a -12.0			
15	15.0 ft. Very silty, with fine sand, abundant gravel to 0.25 in., and gray and black clay inclusions or mottling.	CL				
						No water encountered.
20	Brown clayey silt (ML); moist to wet, very stiff.	ML	B37a -19.5			Borehole terminated at 20.0 ft. on 11/14/07. Borehole grouted on 11/14/07 using neat cement grout.
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RGA ENVIRONMENTAL, INC.

BORING NO.: B40a	PROJECT NO.: 0304	PROJECT NAME: Cal Linen, 989 41st Street, Oakland	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: Vironex	DRILLER: Bryan T.	DATE & TIME STARTED: 11/14/07	DATE & TIME FINISHED: 11/14/07
DRILLING EQUIPMENT: Dual Tube DT32			
COMPLETION DEPTH: 20 feet	BEDROCK DEPTH: None encountered	LOGGED BY: SF	CHECKED BY:
FIRST WATER DEPTH: None encountered	NO. OF SAMPLES: 5 soil		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	Concrete (5 in. slab), sand, and gravel (FILL); No Petroleum Hydrocarbon (PHC) odor.	FILL				Borehole continuously cored using a 5-foot long 3.25-inch O.D. sampler. The sampler was lined with 5-foot long 2 inch O.D. stainless steel tubes.
	Black clay (CH); moist, stiff, with some gravel to 0.5 in. No PHC odor.	X CH	B40a -3.5			
5		X	B40a -5.0			0-5: 1.5 ft. recovery 5-10: 5.0 ft. recovery 10-15: 5.0 recovery 15-20: 5.0 recovery
	Brown sandy silty clay (CL); moist, very stiff, with abundant gravel to 1 in., and gray clay mottling or inclusions. No PHC odor.	X	B40a -7.0			
10	10 ft. Without gray mottling or inclusions.					
	12 ft. Gravel abundant to 0.5 in.	X CL	B40a -12.0			
15	15 ft. With gray mottling of clay inclusions, and abundant rounded gravel to 0.5 in.					
						No water encountered.
20	20 ft. More silty, transitional to clayey silt (ML); wet, stiff, with fine black mottling.	X	B40a -19.5			Borehole terminated at 20.0 ft. on 11/14/07. Borehole grouted on 11/14/07 using neat cement grout.
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RGA ENVIRONMENTAL, INC.

BORING NO.: B41a	PROJECT NO.: 0304	PROJECT NAME: Cal Linen, 989 41st Street, Oakland	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: Vironex	DRILLER: Bryan T.	DATE & TIME STARTED: 11/14/07	DATE & TIME FINISHED: 11/14/07
DRILLING EQUIPMENT: Dual Tube DT32			
COMPLETION DEPTH: 20 feet	BEDROCK DEPTH: None encountered	LOGGED BY: SF	CHECKED BY:
FIRST WATER DEPTH: None encountered	NO. OF SAMPLES: 4 soil		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	Concrete (7.5 in. slab), sand, and gravel (FILL); No Petroleum Hydrocarbon (PHC) odor.	FILL				Borehole continuously cored using a 5-foot long 3.25-inch O.D. sampler. The sampler was lined with 5-foot long 2 inch O.D. stainless steel tubes.
5	Gray clay (CH); moist, very stiff. Moderate PHC odor.	X CH	B41a -5.0		75	0-5: 3.0 ft. recovery 5-10: 5.0 ft. recovery 10-15: 5.0 recovery 15-20: 5.0 recovery
	Gray silty clay (CL); moist, very stiff, with some gravel to 0.25 in. Moderate PHC odor.	X	B41a -7.0		35	
10	10 ft. Same, moderate to strong PHC odor.				79	
	12 ft. Change to brown, with sand and silt, with inclusions of wet gray clay (decreasing with depth), and some gravel to 0.25 in. Moderate PHC odor.	X CL	B41a -12.0		37	
15	15 ft. No clay inclusions. No PHC odor.				0	
						No water encountered.
20	20 ft. Same, with orange mottling and minor gravel to 0.25 in. No PHC odor.	X	B41a -19.5			Borehole terminated at 20.0 ft. on 11/14/07. Borehole grouted on 11/14/07 using neat cement grout.
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RGA ENVIRONMENTAL, INC.

BORING NO.: B42a	PROJECT NO.: 0304	PROJECT NAME: Cal Linen, 989 41st Street, Oakland	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: Vironex	DRILLER: Bryan T.	DATE & TIME STARTED: 11/14/07	DATE & TIME FINISHED: 11/14/07
DRILLING EQUIPMENT: Dual Tube DT32			
COMPLETION DEPTH: 20 feet	BEDROCK DEPTH: None encountered	LOGGED BY: SF	CHECKED BY:
FIRST WATER DEPTH: None encountered	NO. OF SAMPLES: 4 soil		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	Concrete (6.5 in. slab), sand, and gravel (FILL); Slight Petroleum Hydrocarbon (PHC) odor.	FILL				Borehole continuously cored using a 5-foot long 3.25-inch O.D sampler. The sampler was lined with 5-foot long 2 inch O.D. stainless steel tubes.
	Black clay (CH); moist, very stiff. Moderate PHC odor.	CH			35	
5	4.0 to 4.5 ft. Color change to dark gray, with strong PHC odor.	X	B42a -5.0		83	0-5: 3.5 ft. recovery 5-10: 5.0 ft. recovery 10-15: 5.0 recovery 15-20: 5.0 recovery
	Gray sandy silty clay (CL): moist, very stiff, with abundant gravel to 1 in. Strong PHC odor.	X	B42a -7.0			
10					120	
	12 ft. Change to brown, with inclusions of wet gray clay, and abundant gravel (some rounded) to 0.5 in Strong PHC odor.	X	B42a -12.0			
		CL				
15	15 ft. No clay inclusions.				58	
						No water encountered.
20	20 ft. Similar, but wet, stiff, no gravel, some orange and black mottling. No PHC odor.	X	B42a -19.5			Borehole terminated at 20.0 ft. on 11/14/07. Borehole grouted on 11/14/07 using neat cement grout.
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RGA ENVIRONMENTAL, INC.

BORING NO.: B43a	PROJECT NO.: 0304	PROJECT NAME: Cal Linen, 989 41st Street, Oakland	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: RGA Environmental, Inc.	DRILLER: Steve	DATE & TIME STARTED: 11/15/07	DATE & TIME FINISHED: 11/15/07
DRILLING EQUIPMENT: Hand Auger			
COMPLETION DEPTH: 5.5 feet	BEDROCK DEPTH: None encountered	LOGGED BY: SJC	CHECKED BY:
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	Concrete slab (8 in.) and gravel (FILL); dry, loose. No Petroleum Hydrocarbon (PHC) odor.	FILL	B43a -1.0			Borehole hand augered to 5.5 ft.
	Black sandy silty clay (CL); moist, stiff. No PHC odor.	CL	B43a -3.0			No groundwater encountered in the borehole.
5			B43a -5.0			Borehole terminated at 5.5 ft. on 11/15/07.
						Borehole grouted with neat cement on 11/15/07.
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RGA ENVIRONMENTAL, INC.

BORING NO.: B44a | PROJECT NO.: 0304 | PROJECT NAME: Cal Linen, 989 41st Street, Oakland

BORING LOCATION: | ELEVATION AND DATUM:

DRILLING AGENCY: RGA Environmental, Inc. | DRILLER: Steve | DATE & TIME STARTED: 11/13/07 | DATE & TIME FINISHED: 11/13/07

DRILLING EQUIPMENT: Hand Auger

COMPLETION DEPTH: 5.5 feet | BEDROCK DEPTH: None encountered | LOGGED BY: SJC | CHECKED BY:

FIRST WATER DEPTH: None encountered | NO. OF SAMPLES: 3 soil

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	Concrete slab (7 in.) and gravel (FILL); dry, loose. No Petroleum Hydrocarbon (PHC) odor.	FILL	B44a -1.0			Borehole hand augered to 5.5 ft.
	Black sandy silty clay (CL); moist, stiff. No PHC odor.	CL	B44a -3.0			No groundwater encountered in the borehole.
5			B44a -5.0			Borehole terminated at 5.5 ft. on 11/13/07. Borehole grouted with neat cement on 11/13/07.
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RGA ENVIRONMENTAL, INC.

BORING NO.: B45a	PROJECT NO.: 0304	PROJECT NAME: Cal Linen, 989 41st Street, Oakland	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: Vironex	DRILLER: Bryan T.	DATE & TIME STARTED: 11/13/07	DATE & TIME FINISHED: 11/13/07
DRILLING EQUIPMENT: Track Rig 6610 DT			
COMPLETION DEPTH: 6.0 feet	BEDROCK DEPTH: None encountered	LOGGED BY: SF	CHECKED BY:
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	Concrete slab (4.5 in.) and brown sand (FILL); dry, loose. No Petroleum Hydrocarbon (PHC) odor.	FILL	B45a -1.0			Borehole continuously cored using a 5-foot long 2-inch O.D. Geoprobe Macrocore barrel sampler. The sampler was lined with 5-foot long 1-3/4 inch O.D. cellulose acetate tubes.
	Black clay (CH); moist, stiff, homogeneous. No PHC odor.	CH	B45a -2.5			0-5: 3.5 ft. recovery 5-6: 1.0 ft. recovery
5			B45a -5.0			No water encountered.
						Borehole terminated at 6.0 ft. on 11/13/07.
						Borehole grouted on 11/13/07 using neat cement grout.
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RGA ENVIRONMENTAL, INC.

BORING NO.: B47a	PROJECT NO.: 0304	PROJECT NAME: Cal Linen, 989 41st Street, Oakland	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: Vironex	DRILLER: Bryan T.	DATE & TIME STARTED: 11/13/07	DATE & TIME FINISHED: 11/13/07
DRILLING EQUIPMENT: Track Rig 6610 DT			
COMPLETION DEPTH: 7.0 feet	BEDROCK DEPTH: None encountered	LOGGED BY: SF	CHECKED BY:
FIRST WATER DEPTH: None encountered	NO. OF SAMPLES: 3 soil		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	Concrete slab (9 in.) and gravel (FILL); dry, loose. No Petroleum Hydrocarbon (PHC) odor.	FILL	B47a-2.0			Borehole continuously cored using a 5-foot long 2-inch O.D. Geoprobe Macrocore barrel sampler. The sampler was lined with 5-foot long 1-3/4 inch O.D. cellulose acetate tubes.
	Black silty clay (CL); moist, very stiff, with minor gravel to 0.25 in. No PHC odor.	CH	B47a -3.5 B47a -4.5 B47a -6.0			0-5: 2.5 ft. recovery 5-7: 2.0 ft. recovery No water encountered.
5						
10						Borehole terminated at 7.0 ft. on 11/13/07. Borehole grouted on 11/13/07 using neat cement grout. Borehole subsequently hand augered for shallow soil sample collection because of poor GeoProbe sample recovery. Collected sample B47a-2.0 on 12/6/07 using a stainless steel sampler driven by a slide hammer.
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RGA ENVIRONMENTAL, INC.

BORING NO.: **B49**	PROJECT NO.: **0304**	PROJECT NAME: **Cal Linen, 989 41st Street, Oakland**	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: **RGA Environmental, Inc.**	DRILLER: **Steve**	DATE & TIME STARTED: **11/14/07**	DATE & TIME FINISHED: **11/14/07**
DRILLING EQUIPMENT: **Hand Auger**			
COMPLETION DEPTH: **5.5 feet**	BEDROCK DEPTH: **None encountered**	LOGGED BY: **SJC**	CHECKED BY:
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	Asphalt (6 in.) and gravel (FILL); dry, loose. No Petroleum Hydrocarbon (PHC) odor.	FILL	B49-1.0			Borehole hand augered to 5.5 ft.
	Black sandy silty clay (CL); moist, stiff. No PHC odor.	CL	B49 -3.0			No groundwater encountered in the borehole.
5			B49-5.0			Borehole terminated at 5.5 ft. on 11/14/07.
						Borehole grouted with neat cement on 11/14/07.
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RGA ENVIRONMENTAL, INC.

BORING NO.: B50	PROJECT NO.: 0304	PROJECT NAME: Cal Linen, 989 41st Street, Oakland	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: RGA Environmental, Inc.	DRILLER: Steve	DATE & TIME STARTED: 11/14/07	DATE & TIME FINISHED: 11/14/07
DRILLING EQUIPMENT: Hand Auger			
COMPLETION DEPTH: 5.5 feet	BEDROCK DEPTH: None encountered	LOGGED BY: SJC	CHECKED BY:
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	Asphalt (6 in.) and gravel (FILL); dry, loose. No Petroleum Hydrocarbon (PHC) odor.	FILL	B50-1.0			Borehole hand augered to 5.5 ft.
	Black sandy silty clay (CL); moist, stiff. No PHC odor.	CL	B50-3.0			No groundwater encountered in the borehole.
5			B50-5.0			Borehole terminated at 5.5 ft. on 11/14/07.
						Borehole grouted with neat cement on 11/14/07.
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RGA ENVIRONMENTAL, INC.

BORING NO.: B51	PROJECT NO.: 0304	PROJECT NAME: Cal Linen, 989 41st Street, Oakland	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: Vironex	DRILLER: Bryan T.	DATE & TIME STARTED: 11/14/07	DATE & TIME FINISHED: 11/14/07
DRILLING EQUIPMENT: Track Rig 6610 DT			
COMPLETION DEPTH: 5.0 feet	BEDROCK DEPTH: None encountered	LOGGED BY: SF	CHECKED BY:
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	Concrete slab (7 in.) and gravel (FILL); dry, loose. Slight Petroleum Hydrocarbon (PHC) odor.	FILL	B51-2.0			Borehole continuously cored using a 5-foot long 2-inch O.D. Geoprobe Macrocore barrel sampler. The sampler was lined with 5 foot long 1 3/4 inch O.D. cellulose acetate tubes.
			B51 -3.0			0-5: 3.5 ft. recovery
	Black silty clay (CL); moist, very stiff, with some gravel to 0.25 in. Slight PHC odor.	CL	B51-4.5			No water encountered.
5						Borehole terminated at 5.0 ft. on 11/14/07.
						Borehole grouted on 11/14/07 using neat cement grout.
						Borehole subsequently hand augered for shallow soil sample collection because of poor GeoProbe sample recovery.
10						Collected sample B51-2.0 on 12/6/07 using a stainless steel sampler driven by a slide hammer.
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RGA ENVIRONMENTAL, INC.

BORING NO.: B52	PROJECT NO.: 0304	PROJECT NAME: Cal Linen, 989 41st Street, Oakland	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: RGA Environmental, Inc.	DRILLER: Steve	DATE & TIME STARTED: 12/6/07	DATE & TIME FINISHED: 12/6/07
DRILLING EQUIPMENT: Hand Auger			
COMPLETION DEPTH: 5.5 feet	BEDROCK DEPTH: None encountered	LOGGED BY: SJC	CHECKED BY:
FIRST WATER DEPTH: None encountered	NO. OF SAMPLES: 3 soil		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	Concrete slab (7 in.), sand, silt, and gravel (FILL); dry, loose. No Petroleum Hydrocarbon (PHC) odor.	FILL				Borehole hand augered to 5.5 ft.
	Black sandy silty clay (CL); dry, stiff. No PHC odor.	X	B52-1.5			
		X CL	B52-3.0			No groundwater encountered in the borehole.
5		X	B52-5.0			
						Borehole terminated at 5.5 ft. on 12/6/07.
						Borehole grouted with neat cement on 12/6/07.
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RGA ENVIRONMENTAL, INC.

BORING NO.: B53	PROJECT NO.: 0304	PROJECT NAME: Cal Linen, 989 41st Street, Oakland	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: RGA Environmental, Inc.	DRILLER: Steve	DATE & TIME STARTED: 12/6/07	DATE & TIME FINISHED: 12/6/07
DRILLING EQUIPMENT: Hand Auger			
COMPLETION DEPTH: 12.5 feet	BEDROCK DEPTH: None encountered	LOGGED BY: SJC	CHECKED BY:
FIRST WATER DEPTH: None encountered	NO. OF SAMPLES: 4 soil		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	Concrete slab (6 in.), sand, silt, and gravel (FILL); dry, loose. No Petroleum Hydrocarbon (PHC) odor.	FILL				Borehole hand augered to 12.5 ft.
	Gray and brown mottled sandy silty clay (CL); moist, stiff. No PHC odor.					
		X	B53-3.0			
5		X	B53-5.0			
		CL				
		X	B53-7.0			
	9 ft. Commence less sandy.					
10						No groundwater encountered in the borehole.
		X	B53-12.0			
						Borehole terminated at 12.5 ft. on 12/6/07.
15						Borehole grouted with neat cement on 12/6/07.
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RGA ENVIRONMENTAL, INC.

BORING NO.: B54	PROJECT NO.: 0304	PROJECT NAME: Cal Linen, 989 41st Street, Oakland	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: Vironex	DRILLER: Bryan T.	DATE & TIME STARTED: 11/13/07	DATE & TIME FINISHED: 11/13/07
DRILLING EQUIPMENT: Track Rig 6610 DT			
COMPLETION DEPTH: 5.0 feet	BEDROCK DEPTH: None encountered	LOGGED BY: SF	CHECKED BY:
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	Concrete slab (6 in.) and gravel (FILL); dry, loose. No Petroleum Hydrocarbon (PHC) odor.	X	B54-1.0			Borehole continuously cored using a 5-foot long 2-inch O.D. Geoprobe Macrocore barrel sampler. The sampler was lined with 5-foot long 1-3/4 inch O.D. cellulose acetate tubes.
		X	B54-3.0			0-5: 4.0 ft. recovery
5		X	B54-4.5			No water encountered.
						Borehole terminated at 5.0 ft. on 11/13/07.
						Borehole grouted on 11/13/07 using neat cement grout.
10						Borehole subsequently hand augered for shallow soil sample collection because of poor GeoProbe sample recovery.
						Collected samples B54-1.0, and B54-3.0 on 12/5/07 using a stainless steel sampler driven by a slide hammer.
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RGA ENVIRONMENTAL, INC.

BORING NO.: B55	PROJECT NO.: 0304	PROJECT NAME: Cal Linen, 989 41st Street, Oakland	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: Vironex	DRILLER: Bryan T.	DATE & TIME STARTED: 11/13/07	DATE & TIME FINISHED: 11/13/07
DRILLING EQUIPMENT: Track Rig 6610 DT			
COMPLETION DEPTH: 5.0 feet	BEDROCK DEPTH: None encountered	LOGGED BY: SF	CHECKED BY:
FIRST WATER DEPTH: None encountered	NO. OF SAMPLES: 1 soil		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	Concrete slab (5 in.) and gravel (FILL); dry, loose. No Petroleum Hydrocarbon (PHC) odor.	FILL	B55-1.0			Borehole continuously cored using a 5-foot long 2-inch O.D. Geoprobe Macrocore barrel sampler. The sampler was lined with 5-foot long 1-3/4 inch O.D. cellulose acetate tubes.
	Black silty clay (CL); moist, stiff. No PHC odor.	CL	B55-3.0			0-5: 2.5 ft. recovery
5			B55-4.5			No water encountered.
						Borehole terminated at 5.0 ft. on 11/13/07.
						Borehole grouted on 11/13/07 using neat cement grout.
						Borehole subsequently hand augered for shallow soil sample collection because of poor GeoProbe sample recovery.
						Collected samples B55-1.0. and B55-3.0 on 12/4/07 using a stainless steel sampler driven by a slide hammer.
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RGA ENVIRONMENTAL, INC.

BORING NO.: B56	PROJECT NO.: 0304	PROJECT NAME: Cal Linen, 989 41st Street, Oakland	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: Vironex	DRILLER: Bryan T.	DATE & TIME STARTED: 11/13/07	DATE & TIME FINISHED: 11/13/07
DRILLING EQUIPMENT: Track Rig 6610 DT			
COMPLETION DEPTH: 5.0 feet	BEDROCK DEPTH: None encountered	LOGGED BY: SF	CHECKED BY:
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	Concrete slab (5 in.), brown sand, and brick gravel (FILL); dry, loose. No Petroleum Hydrocarbon (PHC) odor.	FILL				Borehole continuously cored using a 5-foot long 2-inch O.D. Geoprobe Macrocore barrel sampler. The sampler was lined with 5-foot long 1-3/4 inch O.D. cellulose acetate tubes.
	Black silty clay (CL); moist, stiff. No PHC odor.	CL	B56-1.0			0-5: 2.5 ft. recovery
	3.5 ft. Color change to gray.		B56 -3.0			No water encountered.
5			B56-4.5			Borehole terminated at 5.0 ft. on 11/13/07.
						Borehole grouted on 11/13/07 using neat cement grout.
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RGA ENVIRONMENTAL, INC.

BORING NO.: B57	PROJECT NO.: 0304	PROJECT NAME: Cal Linen, 989 41st Street, Oakland	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: Vironex	DRILLER: Bryan T.	DATE & TIME STARTED: 11/13/07	DATE & TIME FINISHED: 11/13/07
DRILLING EQUIPMENT: Track Rig 6610 DT			
COMPLETION DEPTH: 5.0 feet	BEDROCK DEPTH: None encountered	LOGGED BY: SF	CHECKED BY:
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	Concrete slab (4 in.), brown sand, and clay (FILL); dry to moist, loose. Strong Petroleum Hydrocarbon (PHC) odor.	FILL				Borehole continuously cored using a 5-foot long 2-inch O.D. Geoprobe Macrocore barrel sampler. The sampler was lined with 5-foot long 1-3/4 inch O.D. cellulose acetate tubes.
	Black sandy silty clay (CL); moist, very stiff, with gravel to 0.25 in. No PHC odor.	X CL	B57 -1.0			
	Black silty clay (CH); moist, very stiff. No PHC odor.	X CH	B57 -3.0			
5		X	B57 -4.5			0-5: 4.0 ft. recovery No water encountered.
						Borehole terminated at 5.0 ft. on 11/13/07.
						Borehole grouted on 11/13/07 using neat cement grout.
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RGA ENVIRONMENTAL, INC.

BORING NO.: **B58**	PROJECT NO.: **0304**	PROJECT NAME: **Cal Linen, 989 41st Street, Oakland**	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: **Vironex**	DRILLER: **Bryan T.**	DATE & TIME STARTED: **11/15/07**	DATE & TIME FINISHED: **11/15/07**
DRILLING EQUIPMENT: **Dual Tube DT32**			
COMPLETION DEPTH: **20 feet**	BEDROCK DEPTH: **None encountered**	LOGGED BY: **SF**	CHECKED BY:
FIRST WATER DEPTH: **None encountered**	NO. OF SAMPLES: **4 soil**		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	Concrete (6.5 in. slab), sand, and gravel (FILL); No Petroleum Hydrocarbon (PHC) odor.	FILL				Borehole continuously cored using a 5-foot long 3.25-inch O.D. sampler. The sampler was lined with 5-foot long 2 inch O.D. stainless steel tubes.
	Gray clay (CH); moist, very stiff, with black and orange mottling, and some gravel to 0.5 in. No PHC odor.	CH	B58-1.0			
5			B58-4.5			0-5: 8 in. recovery 5-10: 5.0 ft. recovery 10-15: 5.0 recovery 15-20: 5.0 recovery
			B58-6.0			
	Light brown silty clay (CL); moist, very stiff, with orange and black mottling, and some gravel to 0.25 in. No PHC odor.		B58 -8.0			
10	10 ft. As above, siltier, with no gravel.					
	12 ft. As above, brown, less silty, moist to wet.	CL	B58-12.0			
15	15 ft. With very abundant angulat and rounded gravel to 0.5 in.					
						No water encountered.
20	20 ft. As above, but very silty, wet, stiff, no gravel, some orange and black mottling.		B58 -19.5			Borehole terminated at 20.0 ft. on 11/14/07. Borehole grouted on 11/14/07 using neat cement grout.
25						
30						

RGA ENVIRONMENTAL, INC.

BORING NO.: **B59**	PROJECT NO.: **0304**	PROJECT NAME: **Cal Linen, 989 41st Street, Oakland**	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: **Vironex**	DRILLER: **Bryan T.**	DATE & TIME STARTED: **11/14/07**	DATE & TIME FINISHED: **11/14/07**
DRILLING EQUIPMENT: **Dual Tube DT32**			
COMPLETION DEPTH: **20 feet**	BEDROCK DEPTH: **None encountered**	LOGGED BY: **SF**	CHECKED BY:
FIRST WATER DEPTH: **None encountered**	NO. OF SAMPLES: **6 soil**		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	Concrete (13.5 in. slab) and gravel (FILL). No Petroleum Hydrocarbon (PHC) odor.	FILL	B59-1.0			Borehole hand-augured to 5.0 ft., with soil samples obtained at 1.0 and 3.0 feet.
			B59-3.0			Borehole continuously cored from 5.0 to 20.0 feet, using a 5-foot long 3.25-inch O.D. sampler. The sampler was lined with 5-foot long 2 inch O.D. stainless steel tubes.
5	Gray clay (CH); moist, very stiff, with some gravel to 0.5 in. Moderate PHC odor.	CH	B59-5.0			
	Gray sandy silty clay (CL); moist, very stiff, with abundant gravel to 0.5 in. Moderate PHC odor.		B59-7.0			5-10: 5.0 ft. recovery 10-15: 5.0 ft. recovery 15-20: 5.0 ft. recovery
10	10-12 ft. As above, but brown and gray, with abundant gravel to 1 in., with wet gray clay inclusions. Slight to moderate PHC odor.		B59-12.0			
		CL				
15	15 ft. As above. Slight to no PHC odor.					
						No water encountered.
20	20 ft. As above, with increased fine sand content [transitional to clayey sand (SC)], stiff, wet, with some medium and coarse sand. No PHC odor.		B59-19.5			Borehole terminated at 20.0 ft. on 11/14/07.
						Borehole grouted on 11/14/07 using neat cement grout.
25						
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RGA ENVIRONMENTAL, INC.

BORING NO.: **B60**	PROJECT NO.: **0304**	PROJECT NAME: **Cal Linen, 989 41st Street, Oakland**	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: **Vironex**	DRILLER: **Bryan T.**	DATE & TIME STARTED: **11/14/07**	DATE & TIME FINISHED: **11/14/07**
DRILLING EQUIPMENT: **Dual Tube DT32**			
COMPLETION DEPTH: **20 feet**	BEDROCK DEPTH: **None encountered**	LOGGED BY: **SF**	CHECKED BY:
FIRST WATER DEPTH: **None encountered**	NO. OF SAMPLES: **6 soil**		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	Concrete (7 in. slab) and gravel (FILL); dry, loose. No Petroleum Hydrocarbon (PHC) odor.	FILL	B60-1.0			Borehole hand-augured to 2.0 ft., with soil sample obtained at 1.0 feet.
	Black clay (CH); moist, stiff, with root marks. Slight PHC odor.	CH	B60-3.0			Borehole continuously cored from 2.0 to 20.0 feet, using a 5-foot long 3.25-inch O.D. sampler. The sampler was lined with 5-foot long 2 inch O.D. stainless steel tubes.
5	5.5 ft. As above, but gray with light brown mottling. No PHC odor.	CH	B60-5.0			
			B60-7.0			2-5: 3.0 ft. recovery 5-10: 5.0 ft. recovery 10-15: 5.0 ft. recovery 15-20: 5.0 ft. recovery
	Brown sandy silty clay (CL); moist, very stiff, with gray clay inclusions, and abundant gravel to 1 in. No PHC odor.	CL				
10	10 ft. As above, but few gray inclusions. Slight PHC odor.	CL				
	Brown clayey fine sand (SC); wet, medium soft, with abundant gravel to 1 in. or greater. No PHC odor.	SC	B60-12.0			
15		SC				
			B60-19.5			No water encountered.
20						Borehole terminated at 20.0 ft. on 11/14/07.
						Borehole grouted on 11/14/07 using neat cement grout.
25						
30						

RGA ENVIRONMENTAL, INC.

BORING NO.: B61	PROJECT NO.: 0304	PROJECT NAME: Cal Linen, 989 41st Street, Oakland	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: Vironex	DRILLER: Bryan T.	DATE & TIME STARTED: 11/13/07	DATE & TIME FINISHED: 11/13/07
DRILLING EQUIPMENT: Track Rig 6610 DT			
COMPLETION DEPTH: 5.0 feet	BEDROCK DEPTH: None encountered	LOGGED BY: SF	CHECKED BY:
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	Concrete slab (4.5 in.) and gravel (FILL); dry, loose. No Petroleum Hydrocarbon (PHC) odor.	FILL				Borehole continuously cored using a 5-foot long 2-inch O.D. Geoprobe Macrocore barrel sampler. The sampler was lined with 5-foot long 1-3/4 inch O.D. cellulose acetate tubes.
	Black sandy silty clay (CL); moist, very stiff, with gravel to 0.25 in. No PHC odor.	CL	B61-1.0			
	Black silty clay (CH); moist, very stiff. No PHC odor.	CH	B61-3.0			
5			B61-4.5			0-5: 4.5 ft. recovery No water encountered.
						Borehole terminated at 5.0 ft. on 11/13/07.
						Borehole grouted on 11/13/07 using neat cement grout.
10						
15						
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RGA ENVIRONMENTAL, INC.

BORING NO.: **B62**	PROJECT NO.: **0304**	PROJECT NAME: **Cal Linen, 989 41st Street, Oakland**	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: **RGA Environmental, Inc.**	DRILLER: **Steve**	DATE & TIME STARTED: **12/4/07**	DATE & TIME FINISHED: **12/4/07**
DRILLING EQUIPMENT: **Hand Auger**			
COMPLETION DEPTH: **5.5 feet**	BEDROCK DEPTH: **None encountered**	LOGGED BY: **SJC**	CHECKED BY:
FIRST WATER DEPTH: **None encountered**	NO. OF SAMPLES: **3 soil**		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	Concrete slab (6 in.), sand, and brick gravel and silt (FILL); dry, loose. No Petroleum Hydrocarbon (PHC) odor.	FILL	B62-1.0			Borehole hand augered to 5.5 ft.
	Black sandy silty clay (CL); dry, stiff. No PHC odor.	CL	B62-3.0			No groundwater encountered in the borehole.
5	~5 ft. Sand content increases.		B62 5.0			Borehole terminated at 5.5 ft. on 12/4/07. Borehole grouted with neat cement on 12/4/07.
10						
15						
20						
25						
30						

RGA ENVIRONMENTAL, INC.

BORING NO.: B63	PROJECT NO.: 0304	PROJECT NAME: Cal Linen, 989 41st Street, Oakland	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: RGA Environmental, Inc.	DRILLER: Steve	DATE & TIME STARTED: 12/4/07	DATE & TIME FINISHED: 12/4/07
DRILLING EQUIPMENT: Hand Auger			
COMPLETION DEPTH: 5.5 feet	BEDROCK DEPTH: None encountered	LOGGED BY: SJC	CHECKED BY:
FIRST WATER DEPTH: None encountered	NO. OF SAMPLES: 3 soil		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	Concrete slab (5 in.), sand, and silt (FILL); dry, loose. No Petroleum Hydrocarbon (PHC) odor.	FILL	B63 -1.0			Borehole hand augered to 5.5 ft.
	Black sandy silty clay (CL); dry, stiff. No PHC odor.	CL	B63 -3.0			No groundwater encountered in the borehole.
5	~5 ft. Sand content increases.		B63-5.0			Borehole terminated at 5.5 ft. on 12/4/07. Borehole grouted with neat cement on 12/4/07.
10						
15						
20						
25						
30						

RGA ENVIRONMENTAL, INC.

BORING NO.: B64	PROJECT NO.: 0304	PROJECT NAME: Cal Linen, 989 41st Street, Oakland	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: RGA Environmental, Inc.	DRILLER: Steve	DATE & TIME STARTED: 12/4/07	DATE & TIME FINISHED: 12/4/07
DRILLING EQUIPMENT: Hand Auger			
COMPLETION DEPTH: 5.5 feet	BEDROCK DEPTH: None encountered	LOGGED BY: SJC	CHECKED BY:
FIRST WATER DEPTH: None encountered	NO. OF SAMPLES: 3 soil		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	Concrete slab (7 in.), sand, and silt (FILL); dry, loose. No Petroleum Hydrocarbon (PHC) odor.	FILL	B64-1.0			Borehole hand augered to 5.5 ft.
	Black sandy silty clay (CL); dry, stiff. No PHC odor.	CL	B64-3.0			No groundwater encountered in the borehole.
5	~4.5 ft. Sand content increases.		B64 -5.0			Borehole terminated at 5.5 ft. on 12/4/07. Borehole grouted with neat cement on 12/4/07.
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20						
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RGA ENVIRONMENTAL, INC.

BORING NO.: **B65** PROJECT NO.: **0304** PROJECT NAME: **Cal Linen, 989 41st Street, Oakland**

BORING LOCATION: ELEVATION AND DATUM:

DRILLING AGENCY: **RGA Environmental, Inc.** DRILLER: **Steve**

DRILLING EQUIPMENT: **Hand Auger**

COMPLETION DEPTH: **5.5 feet** BEDROCK DEPTH: **None encountered**

FIRST WATER DEPTH: **None encountered** NO. OF SAMPLES: **3 soil**

DATE & TIME STARTED:	DATE & TIME FINISHED:
12/4/07	12/4/07

LOGGED BY:	CHECKED BY:
SJC	

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	WELL CONSTRUCTION LOG	BLOW COUNT PER 6"	PID	REMARKS
	Concrete slab (8 in.), sand, and silt (FILL); dry, loose. No Petroleum Hydrocarbon (PHC) odor.	FILL	B65-1.0			Borehole hand augered to 5.5 ft.
	Black sandy silty clay (CL); moist, stiff. No PHC odor.					
	~3-4 ft. Sand content decreases. ~4. ft. Sand content increases.	CL	B65-3.0			No groundwater encountered in the borehole.
5			B65-5.0			
						Borehole terminated at 5.5 ft. on 12/4/07.
						Borehole grouted with neat cement on 12/4/07.
10						
15						
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RGA ENVIRONMENTAL, INC.

BORING NO.: B66	PROJECT NO.: 0304	PROJECT NAME: Cal Linen, 989 41st Street, Oakland	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING AGENCY: RGA Environmental, Inc.	DRILLER: Steve	DATE & TIME STARTED: 12/4/07	DATE & TIME FINISHED: 12/4/07
DRILLING EQUIPMENT: Hand Auger			
COMPLETION DEPTH: 5.5 feet	BEDROCK DEPTH: None encountered	LOGGED BY: SJC	CHECKED BY:
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	Concrete slab (8 in.); No Petroleum Hydrocarbon (PHC) odor.	FILL				Borehole hand augered to 5.5 ft.
	Black silty clay (CL); moist, stiff. No PHC odor.	X	B66-1.0			
		X CL	B66-3.0			
	~4 ft. Sand content increases.					No groundwater encountered in the borehole.
5		X	B66-5.0			
						Borehole terminated at 5.5 ft. on 12/4/07.
						Borehole grouted with neat cement on 12/4/07.
10						
15						
20						
25						
30						

WELL CONSTRUCTION DIAGRAM

RGA ENVIRONMENTAL, INC.

1466 66th Street
Emeryville, CA 94608
(510) 547-7771

WELL CONSTRUCTION DIAGRAM

PROJECT NUMBER 0304

PROJECT NAME Cal Linen, 989 41st, Oakland

COUNTY Alameda

WELL PERMIT NO. W2007-1149

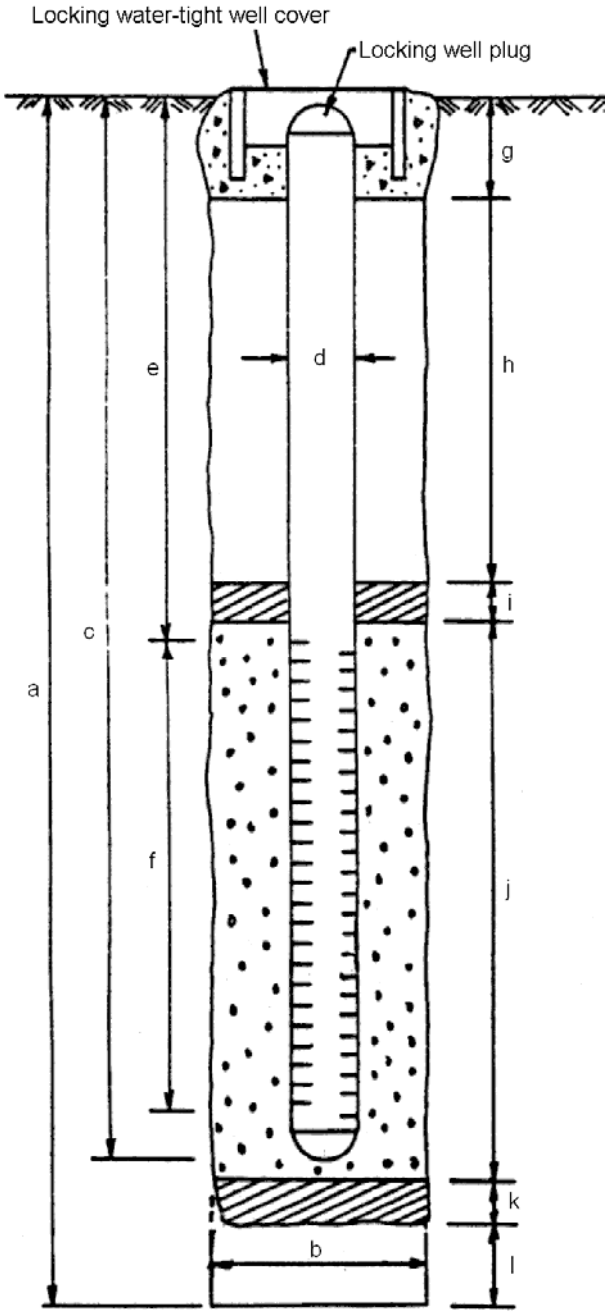
BORING/WELL NO. MW7

TOP OF CASING ELEV. Unknown

GROUND SURFACE ELEVATION Unknown

DATUM N/A

DATE(S) CONSTRUCTED 11/15/07



EXPLORATORY BORING

a. Total depth 20.0 ft.
b. Diameter 8 in.
Drilling method Hollow-Stem Auger

WELL CONSTRUCTION

c. Casing length 20 ft.
Material PVC Schedule 40
d. Diameter 2 in.
e. Depth to top of perforations 7 ft.
f. Perforated length 13 ft.
Perforated interval from 7 to 20 ft.
Perforation type Factory Slotted PVC
Perforation size 0.020 in.
g. Surface sanitary seal 1 ft.
Seal material Portland cement type I-II
h. Sanitary seal 4 ft.
Seal material Portland cement type I-II
i. Filter pack seal 1 ft.
Seal material Bentonite pellet
j. Filter pack length 14 ft.
Filter pack interval from 20 to 6 ft.
Pack material 2/16 sand
k. Bottom seal 0 ft.
Seal material None
l. Sluff in bottom of borehole 0 ft.

WELL SAMPLING DATA

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name Cal. Linen Rentals
Well No. E1
Job No. 0304
Date 10/5/07
TOC to Water (ft.) 10.01
Sheen None
Well Depth (ft.) 24.7
Free Product Thickness Ø
Well Diameter 4" (0.65)
Sample Collection Method
Gal./Casing Vol. 9.6
Teflon Bailer
3 Vol = 28.8
of

24.7 − 10.01 = 14.69 × .65 = 9.5485 × 3 = 28.8

TIME	GAL. PURGED	pH	TEMPERATURE	ELECTRICAL CONDUCTIVITY µS/cm
1524	3.2	8.71	71.0	>20,000 → bubbles?
1527	6.4	7.69	69.9	>20,000
1530	9.6	7.29	68.7	>20,000
1532	12.8	7.22	~~68.6~~ 68.0	>20,000
1534	16.0	7.21	67.6	>20,000
1536	19.2	7.12	66.8	>20,000
1538	22.4	7.09	66.2	>20,000
1540	25.6	7.08	65.7	>20,000
1542	28.8	7.03	65.5	>20,000

NOTES: No sheen, No odor
Sample time => 1635

PURGE07.00

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name Cal. Linen Rentals
Job No. 0304
TOC to Water (ft.) 9.54 (10/5/07)
Well Depth (ft.) 24.6
Well Diameter 4" (0.65)
Gal./Casing Vol. 9.8
3 vol: 29.7

Well No. E2
Date 10/8/07
Sheen None
Free Product Thickness Ø
Sample Collection Method
Teflon Bailer

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µs/cm
1416	3.3	6.75	71.8	>20,000
1418	6.6	6.72	70.8	>20,000
1422	9.9	6.46	67.5	>20,000
1425	13.2	6.41	66.8	>20,000
1428	16.5	6.38	66.5	>20,000
1431	19.8	6.32	65.7	>20,000
1434	23.1	6.33	65.4	>20,000
1437	26.4	6.31	65.3	>20,000
1440	29.7	6.31	65.3	>20,000

NOTES: No Sheen, No Odor
Sample Time = 1825

PURGE07.00

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name Cal. Linen Rentals
Well No. E3
Job No. 0304
Date 10/5/07
TOC to Water (ft.) 10.76
Sheen None
Well Depth (ft.) 24.7
Free Product Thickness Ø
Well Diameter 4" (0.65)
Sample Collection Method
Gal./Casing Vol. 9.1
Teflon Bailer
3 vol = 27.3

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µs/cm
sic ~~14~~ 1358	3.0	6.49	61.6	>20,000
1401	6.0	6.41	61.8	>20,000
1403	9.0	6.48	61.8	>20,000
1405	12.0	6.53	61.7	>20,000
1407	15.0	6.48	61.7	>20,000
1409	18.0	6.42	61.6	>20,000
1411	21.0	6.39	61.5	>20,000
1417	24.0	6.35	61.5	>20,000
1421	27.3	6.33	61.4	>20,000

NOTES: Started w/ mod phe odor, ended lt-mod phe odor, no sheen
Sample time => 1645

PURGE07.00

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name Cal Linen Rentals
Well No. E4
Job No. 0304
Date 10/5/07
TOC to Water (ft.) 11.73
Sheen None
Well Depth (ft.) 27.8
Free Product Thickness 0
Well Diameter 4" (0.65)
Sample Collection Method
Gal./Casing Vol. 10.5
Teflon Bailer
3 vol = 31.5

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µS/cm
1155	3.0	6.48	66.2	70
1158	6.0	6.49	64.6	580
1200	10.0	6.48	64.3	1,470
1203	13.0	5.56	63.8	2,880
1206	16.0	6.64	63.2	4,390
1208	20.0	6.55	61.1	7,870
1212	23.0	6.49	60.8	9,680
1215	26.0	6.43	60.6	11,990
1218	31.5	6.41	60.1	14,230
1220	35.0	6.38	60.0	>20,000
1223	38.0	6.37	60.0	>20,000
1225	42.0	6.38	59.9	>20,000

NOTES: Purged 1st due to really slow recharge; took extra readings, so Sp. Cond. would stabilize.
Mod-strong sulfur odor; No sheen

PURGE07.00

Sample Time = 1745

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name Cal-Linen Rentals
Well No. E6
Job No. 0304
Date 10/8/07
TOC to Water (ft.) 9.77 (10/3/07)
Sheen None
Well Depth (ft.) 19.4
Free Product Thickness Ø
Well Diameter 4" (0.65)
Sample Collection Method Teflon Bailer
Gal./Casing Vol. 6.6
3 vol = 19.8

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µS/cm
1449	2.2	6.66	64.4	>20,000
1452	4.4	6.65	64.4	>20,000
1454	6.6	6.61	64.4	>20,000
1456	8.8	6.57	64.6	>20,000
1458	11.0	6.54	64.3	>20,000
1500	13.2	6.51	64.1	>20,000
1502	15.4	6.50	64.2	>20,000
1504	17.6	6.45	64.1	>20,000
1506	19.8	6.46	64.1	>20,000

NOTES: No sheen, light phc odor
Sample Time => 1835

PURGE07.00

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name California Linen Rentals
Well No. E7
Job No. 0304
Date 10/5/07
TOC to Water (ft.) 10.31
Sheen None
Well Depth (ft.) ~~24.7~~ 24.0
Free Product Thickness Ø
Well Diameter 4 (0.65)
Sample Collection Method Teflon Bailer
Gal./Casing Vol. 8.9
3 vol = 26.7

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µ-k-m
1312	3.0	6.63	62.2	13,910
1316	6.0	6.59	62.2	14,760
1321	9.0	6.47	62.5	>20,000
1325	12.0	6.49	62.6	>20,000
1329	15.0	6.51	62.7	>20,000
1332	18.0	6.45	63.2	>20,000
1337	21.0	6.47	63.4	>20,000
1341	24.0	6.48	63.9	>20,000
1344	26.7	6.48	63.8	>20,000

NOTES: No sheen, No odor
Sample time = 1625

PURGE07.00

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name Cal. Linen Rentals
Well No. E8
Job No. 0304
Date 10/8/07
TOC to Water (ft.) 8.97 10/3/07
Sheen yes - light
Well Depth (ft.) 33.4
Free Product Thickness Ø
Well Diameter 4" (0.65)
Sample Collection Method Teflon Bailer
Gal./Casing Vol. 15.4
3 vol = 47.7

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µs/cm
1203	5.3	6.67	75.4	1,130
1206	10.6	6.49	76.3	>20,000
1210	15.9	6.47	77.7	>20,000
1213	21.2	6.43	76.3	>20,000
1216	26.5	6.40	74.8	>20,000
1231 (dump buckets)	31.8	6.32	71.8	>20,000
1235	37.1	6.24	69.3	>20,000
1242	silt ~~42.4~~ ~~47.7~~ 42.4	6.34	70.1	>20,000
1246	Well dewatered @ ~45.5 gallons			

NOTES: light sheen on purge water + light ~~sul~~ phc odor
Sample time = 1550

PURGE07.00

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name: Cal Linen Rentals
Well No.: E9
Job No.: 0304
Date: 10/8/07
TOC to Water (ft.): 8.58 (10/5/07)
Sheen: None
Well Depth (ft.): 31.4
Free Product Thickness: 0
Well Diameter: 4" (0.65)
Sample Collection Method: Tiflon Bailer
Gal./Casing Vol.: 14.9
3 vol = 44.7

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µS/cm
1313	4.3	6.70	71.7	>20,000
1317	~~8.6~~ 9.6	6.53	71.3	>20,000
1321	~~14.9~~ 14.9	~~6.51~~ 6.44	71.3	>20,000
1325	~~19.2~~ 19.2	6.35	73.3	>20,000
1328 (dry buckets)	~~24.8~~ 24.5	6.33	76.3	>20,000
1346	29.8	6.36	75.7	>20,000
1350	34.1	6.39	75.0	>20,000
1354	39.4	6.37	74.8	>20,000
1358	44.7	6.37	74.9	>20,000

NOTES: No Sheen, No odor
Sample time => 1600

PURGE07.00

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name Cal. Linen Rentals
Well No. I1
Job No. 0304
Date 10/5/07
TOC to Water (ft.) 9.96
Sheen None
Well Depth (ft.) 22.4
Free Product Thickness Ø
Well Diameter 2" (0.16)
Sample Collection Method
Gal./Casing Vol. 2.0
Teflon Bailer
3Vol = 6.0

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µS/cm
1551	0.75	8.18	62.9	>20,000
1553	1.50	9.72	63.8	>20,000
1555	2.00	9.70	64.0	>20,000
1557	2.75	9.68	63.8	>20,000
1559	3.50	9.66	63.6	>20,000
1601	4.00	9.58	63.9	>20,000
1603	4.75	9.40	64.2	>20,000
1605	5.5	9.29	64.0	>20,000
1607	6.0	9.24	64.0	>20,000
1609	6.75	9.21	64.1	>20,000

NOTES: No sheen / No odor
Sample Time => 1725

PURGE07.00

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name Cal. Linen Rentals
Well No. MW1
Job No. 0304
Date 10/8/07
TOC to Water (ft.) 9.40 (10/5/07)
Sheen None
Well Depth (ft.) 22.1
Free Product Thickness Ø
Well Diameter 4" (0.65)
Sample Collection Method
Gal./Casing Vol. 8.3
Teflon Bailer
3 vol = 24.9

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µs/cm
1516	2.1	6.67	64.2	>20,000
1518	5.2	6.52	64.3	>20,000
1520	8.3	6.45	64.3	>20,000
1522	10.4	6.40	64.5	>20,000
1524	13.5	6.37	64.8	>20,000
1526	16.6	6.35	64.9	>20,000
1528	18.7	6.34	65.1	>20,000
1530	21.8	6.36	66.6	>20,000
1531	~~24.9~~ sic	Well dewatered @ ~22.5 gallons		

NOTES: Light phenolic odor, No sheen.
Sample Time = 1540

PURGE07.00

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name: Cal Linen Rentals
Well No.: MW2
Job No.: 0304
Date: 10/5/07
TOC to Water (ft.): 9.59
Sheen: None
Well Depth (ft.): 22.7
Free Product Thickness: 0
Well Diameter: 4" (0.65)
Sample Collection Method: Teflon Bailer
Gal./Casing Vol.: 8.6
3 Vol = 25.8

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µS/cm
1447	3.0	6.67	73.0	>20,000
1450	6.0	6.58	73.0	>20,000
1453	9.0	6.54	72.9	>20,000
1455	12.0	6.44	72.8	>20,000
1458	15.0	6.43	72.3	>20,000
1500	18.0	6.37	72.1	>20,000
sic ~~1502~~ 1504	21.0	6.34	72.0	>20,000
1506	24.0	6.30	72.3	>20,000
~~1508~~	~~20.8~~ sic	Well dewatered @ 24.25 gal @ 1507hrs		

NOTES: No odor; No Sheen
Sample Time => 1735

PURGE07.00

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name: Cal. Linen Rentals
Job No.: 0304
TOC to Water (ft.): 11.33
Well Depth (ft.): 26.3
Well Diameter: 1.5 (2"=.16)
Gal./Casing Vol.: 2.4
3vol=7.2

Well No.: MW4
Date: 10/5/07
Sheen: None
Free Product Thickness: Ø
Sample Collection Method: S/S ~~Teflon Bailer~~ PE Tubing & S/S check valve

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µS/cm
1252	0.8	6.62	68.1	5,560
1257	1.6	6.56	65.7	11,820
1300	2.4	6.52	66.8	15,270
	~~3.2~~ Well dewatered @ 2.5 gal.			
	~~4.0~~			
	~~4.8~~			
	5.6 ~~5.6~~			
	~~6.4~~			
	~~7.2~~			

NOTES: No sheen, No odor
Sample time = 1755 hrs

PURGE07.00

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name Cal. Linen Rentals
Well No. MW5
Job No. 0304
Date 10/8/07
TOC to Water (ft.) 8.74 (10/5/07)
Sheen None
Well Depth (ft.) 25.1
Free Product Thickness 0
Well Diameter 1½" (2"-0.16)
Sample Collection Method
Gal./Casing Vol. 2.7
PE tubing + S/S check valve
3 vol = 8.1

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µS/cm
1617	0.9	6.85	63.9	>20,000
1627	1.8	6.79	64.4	>20,000
1627	2.7	6.61	64.7	>20,000
1637	3.6	6.81	65.5	>20,000
1635	~~4.5~~ 5.4 ~~6.3~~ ~~7.2~~ 8.1	Well dewatered @ ~ 3.8 gallons		

NOTES: No sheen, No odor
Sample Time => 1645hrs

PURGE07.00

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name Cal. Linen Rentals
Well No. MW6
Job No. 0304
Date 10/8/07
TOC to Water (ft.) 10.21 (10/5/07
Sheen No
Well Depth (ft.) 24.5
Free Product Thickness Ø
Well Diameter 1½" (2" = 0.16)
Sample Collection Method
Gal./Casing Vol. 2.3
S/S check valve + PE tubing
3 vol = 6.9

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µS/cm
1703	0.75	6.63	64.4	>20,000
1709	1.5	6.60	63.3	>20,000
1714	2.25	6.48	63.1	>20,000
1722	3.0	6.53	63.1	>20,000
1726	3.75	6.51	65.2	>20,000
1728	~~4.25~~ 5.0 ~~5.75~~ ~~6.25~~ 6.9	Well dewatered @ ~3.9 gallons		

NOTES: No sheen; No odor
Sample time = 1740 hrs

PURGE07.00

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name California Linen Rental Co
Well No. MW7
Job No. 0304
Date 11/21/07
TOC to Water (ft.) 8.89
Sheen No
Well Depth (ft.) 19.2
Free Product Thickness Ø
Well Diameter 2" (0.16)
Sample Collection Method
Gal./Casing Vol. 1.7
Disposable bailer
3 vol = 5.1

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µs/cm
0929	0.5	6.42	57.2	450
0935	1.0	6.42	56.3	>20,000
0939	1.7	6.47	54.8	>20,000
0942	2.2	6.48	54.7	>20,000
0945	2.7	6.48	54.4	>20,000
0948	3.4	6.42	54.0	>20,000
0951	3.9	6.37	53.7	>20,000
0954	4.4	6.38	53.7	>20,000
0957	5.1	6.35	53.8	>20,000
	End Purge			
~~Time~~	DTW			
1001	13.62			
1018	12.62			
1038	11.62			
	~~10.62~~ SI			
	~~9.62~~			
1120hrs	10.38			

NOTES: No odor; No sheen Purged 3 volumes; let recharge collected sample
Sample time => 1125 hrs.

PURGE07.00

~ 5 minutes

(10)

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name California Linen Rentals
Well No. E1
Job No. 0304
Date 1/9/08 & 1/11/08 - Purged & sampled
TOC to Water (ft.) 7.57
Sheen No
Well Depth (ft.) 24.7
Free Product Thickness 0
Well Diameter 4" (0.65)
Sample Collection Method
Gal./Casing Vol. 11.2
disposable bailer
3 vol = 33.6

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µs/cm
1247	3.6	7.90	53.5	10,660
1254	7.2	7.51	56.5	11,350
1300	11.2	7.77	54.7	12,240
1305	14.8	7.69	54.9	13,080
1311	18.4	7.71	55.1	14,120
1316	22.4	7.67	55.1	15,380
1323	26.0	7.62	55.1	16,130
1329	29.6	7.71	55.2	16,550
1334	33.6	7.71	55.4	16,780

NOTES: No sheen. No odor.
Sample time = 1420

PURGE07.00

(14)

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name California Linen Rentals
Well No. E2
Job No. 0304
Date 1/9/08 1/10/08 - Purged Sampled
TOC to Water (ft.) 5.96
Sheen No
Well Depth (ft.) 24.6
Free Product Thickness Ø
Well Diameter 4" (0.65)
Sample Collection Method
Gal./Casing Vol. 12.2
Disposable bailer
3vol = 36.6

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µS/cm
1236	4.0	7.10	53.6	10,790
1242	8.0	6.70	53.5	11,560
1250	12.2	6.86	53.1	12,040
1253	16.2	6.89	53.3	12,880
1257	20.2	6.98	53.4	12,530
1303	24.4	7.01	53.7	12720
1308	28.4	7.02	53.5	12,910
1314	32.4	6.94	53.3	13,100
1319	36.6	6.96	53.4	13,290

NOTES: No Sheen + No odor -
Sample time = 1335

PURGE07.00

(11)

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name California Linen Rentals
Well No. E3
Job No. 0304
Date 1/9/08 & 1/11/08 - Paired & sampled
TOC to Water (ft.) 6.74
Sheen No
Well Depth (ft.) 24.7
Free Product Thickness Ø
Well Diameter 4" (0.65)
Sample Collection Method
Gal./Casing Vol. 11.7
Disposable bailer
3 vol = 35.1

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µS/cm
1344	3.0	8.30	53.9	11,860
1350	~~7.0~~	7.90	53.9	13,200
1357	11.7	8.73	54.5	14,830
1403	14.7	8.44	54.3	15,560
1409	18.7	8.25	54.3	14,490
1413 ~~1413~~	~~23.4~~	8.23	54.4	~~720,000~~
1417 ~~1417~~	26.4	8.23	54.2	~~720,000~~
1421	30.4	8.22	54.4	~~720,000~~
1425	35.1	8.21	54.3	~~720,000~~

NOTES: ph meter wacky today No sheen through-out sampling => 1430

PURGE07.00

(12)

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name California Line-Rentals
Well No. E4
Job No. 0304
Date 1/9/08 purged sampled 1/10/08
TOC to Water (ft.) 20.95
Sheen No
Well Depth (ft.) 27.8
Free Product Thickness Ø
Well Diameter 4" (0.65)
Sample Collection Method
Gal./Casing Vol. 4.5
Disposable bailer
3vol = 13.5

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µS/cm
0937	1.5	7.67	58.8	100
0937	3.0	7.81	59.8	110
0941	4.5	7.72	60.5	130
0945	6.0	7.79	60.0	160
0949	7.5	7.83	61.5	190
0952	9.0	7.78	61.9	230
0955	10.5	7.71	62.3	270
0959	12.0	7.76	62.8	300
1003	13.5	7.81	63.1	330

NOTES: No sheen, No odor
sample time => 1010 hrs

PURGE07.00

(15)

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name California Linen Rentals
Well No. E6
Job No. 0304
Date 1/9/08 - 1/10/08 - purged
TOC to Water (ft.) 5.58
Sheen No
Sampled
Well Depth (ft.) 19.9
Free Product Thickness Ø
Well Diameter 4" (0.65)
Sample Collection Method
Gal./Casing Vol. 9.4
Disposable bailer
3vol=28.2

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µS/cm
1048	3.1	6.75	57.3	720
1057	6.2	6.49	56.6	1,950
1058	9.4	6.44	55.9	3,550
1102	12.5	6.33	55.7	3,920
1107	15.6	6.37	55.7	4,280
1114	18.8	6.36	55.5	4,880
1122	21.9	6.37	55.4	5,720
1126	25.0	6.47	55.2	6,010
1130	28.2	6.45	55.2	6,200

NOTES:
No sheen + no odor
Sample time @ 1140 hrs

PURGE07.00

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name California Linen Rentals
Well No. E7
Job No. 0304
Date 1/9/08 - 1/10/08 - Purged & sampled
TOC to Water (ft.) 6.64
Sheen No
Well Depth (ft.) 24.0
Free Product Thickness Ø
Well Diameter 4" (0.65)
Sample Collection Method
Gal./Casing Vol. 11.3
Disposable bailer
3 vol = 33.9

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µS/cm
1535	3.6	7.64	51.9	570
1537	7.2	7.54	52.1	1,860
1543	11.3	7.42	52.4	2,940
1548	14.9	7.39	52.7	3,680
1552	18.5	7.37	52.6	4,350
1557	22.6	7.34	52.4	4,920
1602	26.2	7.28	52.4	5,240
1611	sl ~~33.4~~ 29.8	7.33	52.9	6,030
1618	33.9	7.38	53.0	6,410

NOTES: No Sheen, No odor
sample time ≈ 1650

PURGE07.00

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name California Linen Rentals
Well No. E8
Job No. 0304
Date 1/9/08
TOC to Water (ft.) 4.28
Sheen No
Well Depth (ft.) 33.4
Free Product Thickness Ø
Well Diameter 4" (0.65)
Sample Collection Method
Gal./Casing Vol. 19.0
3vol = 57.0
Disposable bailer

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µS/cm
1534	6.0	6.52	51.5	60
1544	12.0	6.55	51.8	100
1553	19.0	6.62	51.6	260
1601	25.0	6.63	51.3	510
1618	31.0	6.62	51.1	670
1626	38.0	6.59	50.9	1,080
1645	44.0	6.55	50.4	1,720
1656	50.0	6.57	50.8	1,880
1702	57.0	6.49	49.5	1,920

NOTES: light phe odor, no sheen
sample time = 535 = 1735 hrs

PURGE07.00

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name California Linen Rentals
Well No. E9
Job No. 0304
Date 1/9/08
TOC to Water (ft.) 4.29
Sheen No
Well Depth (ft.) 31.4
Free Product Thickness 0
Well Diameter 4" (0.65)
Sample Collection Method
Gal./Casing Vol. 17.7
3vol = 53.1
Disposable bailer

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µS/cm
1359	6.0	8.14	53.5	60
1406	12.0	8.13	53.6	200
1414	17.7	6.67	54.0	460
1421	23.7	6.56	53.4	920
1437	29.7	6.45	52.2	1,370
1446	35.4	6.45	52.6	1,790
1500	41.4	6.43	52.9	2,250
1508	47.4	6.36	52.8	2,500
1517	53.1	6.33	52.0	2,750

NOTES: No sheen + no odor
Sample time => 53) = 172 Shrs

PURGE07.00

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name California Linen Rentals
Job No. 0304
TOC to Water (ft.) 6.87
Well Depth (ft.) 22.4
Well Diameter 2" (0.16)
Gal./Casing Vol. 2.5
3 vol = 7.5

Well No. I1
Date ~~1/9/08~~ 1/10/08 purged + sampled
Sheen yes
Free Product Thickness Ø
Sample Collection Method
Disposable bailer

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µS/cm
1712	0.8	10.92	50.9	410
1721	1.6	10.93	51.1	390
1725	2.5	10.27	51.3	410
1729	3.3	9.63	52.7	1,880
1733	4.1	8.20	52.4	2,350
1736	5.0	8.23	53.6	5,680
1740	5.8	8.27	54.0	7,410
1743	6.6	8.32	54.3	7,620
1746	7.5	8.35	54.5	7,880

NOTES: Water nasty - product free substance coating bailer - ~~no odor~~ s/c but heavy sheen
~~Sample time 1755 hrs~~ s/c s/c mod odor (not sure if phc though)

PURGE07.00

(13)

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name California Linen Rentals
Job No. 0304
TOC to Water (ft.) 5.66
Well Depth (ft.) 22.1
Well Diameter 4" (0.65)
Gal./Casing Vol. 10.7
3 vol = 32.1

Well No. MW 1
Date 1/9/08 - 1/10/08 purged & sampled
Sheen No
Free Product Thickness Ø
Sample Collection Method
Disposable bailer

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µS/cm
1151	3.5	7.12	54.9	250
1155	7.0	6.97	55.6	840
1200	10.7	6.76	56.2	3,280
1204	14.2	6.78	56.0	5,020
1209	17.7	6.75	56.0	6,600
1215	21.4	6.78	55.8	7,800
1221	24.9	6.82	55.2	8,980
1225	28.4	6.78	55.0	9,780
1229	32.1	6.75	54.7	10,380

NOTES: No sheen, No Odor

Sample TIME => 1325

PURGE07.00

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name California Linen Rentals
Well No. MW2
Job No. 0304
Date 1/9/08
TOC to Water (ft.) 7.72
Sheen Yes
Well Depth (ft.) 22.7
Free Product Thickness Ø
Well Diameter 4" (0.65)
Sample Collection Method
Gal./Casing Vol. 9.8
Disposable bailer
3v.l=29.4

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY ms/cm
1248	3.2	6.73	56.4	30
1255	6.4	6.53	56.3	160
1301	9.8	6.44	55.7	480
1306	13.0	6.42	55.1	580
1313	16.2	6.41	54.6	960
1319	19.6	6.40	54.4	1,380
1325	22.8	6.39	54.2	1,500
1333	26.0	6.36	54.3	1,800
1341	29.4	6.33	54.4	~~2,170~~ sic 2,170
1343	~~32.0~~ sic well dewatered @ ~30.0 gallons			

NOTES: No odor, Sheen on purge water
sample time @ 1745 hrs

PURGE07.00

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name California Linen Rentals
Well No. MW4
Job No. 0304
Date 1/9/08 1/10/08 - Purged & Sampled
TOC to Water (ft.) 7.74
Sheen No
Well Depth (ft.) 26.3
Free Product Thickness Ø
Well Diameter 1.5" (0.09)
Sample Collection Method
Gal./Casing Vol. 1.8
PE tubing & S/S check valve
3 vol = 5.4

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µS/cm
1431	0.6	7.45	51.9	410
1437	1.2	7.65	54.7	1,040
1441	1.8	7.85	54.6	2,030
1447	2.4	8.08	54.5	2,530
	~~3.0~~			
1451	~~3.6~~	Well dewatered @ ~ 2.8 gallons		
	~~4.2~~			
	~~4.8~~			
	~~5.4~~			

NOTES: No sheen, grey color w/ mod - strong sulfur-like odor - (Not PHC)
Sample time => 1630

PURGE07.00

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name California Linen Rentals
Well No. MW5
Job No. 0304
Date 1/9/08 1/11/08 - purged + sampled
TOC to Water (ft.) 7.60
Sheen No
Well Depth (ft.) 25.1
Free Product Thickness Ø
Well Diameter 1.5" (0.09)
Sample Collection Method
Gal./Casing Vol. 1.6
PE tubing & S/S check valve
3 vol = 4.8

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µS/cm
1128	0.5	6.85	53.5	10,240
1136	1.0	6.61	54.4	11,520
1146	1.6	6.57	54.9	10,980
1150	2.1	6.55	54.8	11,370
1154	2.6	6.51	54.7	11,240
1200	3.2	6.48	55.1	11,550
1202	~~3.7~~ Well dewatered @ ~3.4 gallons			
	4.2			
	4.8 SIC			

NOTES: No sheen + no odor.
Sample time = 1215hrs

PURGE07.00

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name California Linen Rentals
Job No. 0304
TOC to Water (ft.) 6.91
Well Depth (ft.) 24.5
Well Diameter 1.5" (0.09)
Gal./Casing Vol. 1.6
3 Vol = 4.8

Well No. MW6
Date 1/9/08 1/11/08 - purged & sampled
Sheen No
Free Product Thickness Ø
Sample Collection Method
PE tubing & S/S check valve

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µs/cm
1000	0.5	7.11	53.6	210
1007	1.0	7.16	53.6	320
1014	1.6	7.05	52.7	900
1022	2.1	7.04	52.5	6,830
1030	2.6	7.02	52.5	10,410
1036	3.2	7.68	52.5	10,680
1042	3.7	7.81	52.5	10,800
1049	4.2	7.49	53.8	11,350
1056	4.8	7.54	53.6	11,850
1101	5.3	7.57	53.8	12,220

NOTES: No sheen & no odor
sample time = 1105

PURGE07.00

RGA ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name California Linen Rentals — Well No: MW 7

Job No. 0304 — Date 1/9/08 1/10/08 (PM) Event sampled

TOC to Water (ft.) 5.62 — Sheen No

Well Depth (ft.) 20.0 — Free Product Thickness Ø

Well Diameter 2" (0.16) — Sample Collection Method

Gal./Casing Vol. 2.3 — Disposable bailer

3 vol = 6.9

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY µS/cm
1459	0.8	7.79	53.3	2,860
1501	1.6	7.50	53.2	3,580
1503	2.3	7.48	53.5	4,240
1505	3.1	7.50	53.6	4,600
1507	3.9	7.51	53.7	4,890
1509	4.6	7.47	53.8	5,020
1511	5.4	7.38	53.7	5,440
1514	6.2	7.39	53.9	5,880
1517	6.9	7.30	54.1	6,020

NOTES: No sheen / No odor
sampling time = 1640

PURGE07.00

SOIL AND WATER DISPOSAL MANIFESTS

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	2. Page 1 of 1	3. Document Number
		5022

GENERATOR

4. Generator's Name and Mailing Address

CALIFORNIA LINNEN (SITE)
989 4TH STREET
OAKLAND, CA
Generator's Phone (510) 658-4363

MAILING ADDRESS:
CALIFORNIA LINNEN
2104 MAGNOLIA WAY
WALNUT CREEK, CA
94595-1619

5. Transporter Company Name	6. US EPA ID Number	7. Transporter Phone
CLEARWATER ENVIRONMENTAL	CAR000007013	(510) 476-1740

8. Designated Facility Name and Site Address	9. US EPA ID Number	10. Facility's Phone
ALVISO INDEPENDENT OIL 5002 ARCHER STREET ALVISO, CA 95002	CAL000161743	(510) 476-1740

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Hazardous waste, liquid	015 ~~001~~	DM ~~TT~~	700	G
b.	NK	NK		

15. Special Handling Instructions and Additional Information

Wear PPE
Emergency Contact
(510) 476-1740
Attn: Kirk Hayward

Handling Codes for Wastes Listed Above	
11a.	11b.

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to state or federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Joel C Pitney		1	30	09

TRANSPORTER

17. Transporter Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
William Clark		1	30	09

FACILITY

18. Discrepancy Indication Space

19. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 18.

Printed/Typed Name	Signature	Month	Day	Year
Kirk D. Hayward		1	30	09

WHITE – ORIGINAL (Return to Generator) YELLOW – TSDF (Retain Copy) PINK – TRANSPORTER COPY GOLDENROD – GENERATOR'S COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAL000265467
2. Page 1 of: 1
3. Emergency Response Phone: (510)476-1740
4. Manifest Tracking Number: 002995342 JJK

GENERATOR

5. Generator's Name and Mailing Address
CALIFORNIA LINEN SUPPLY
2104 MAGNOLIA WAY
WALNUT CREEK CA 945951619
Generator's Phone: 925 938-2491

Generator's Site Address (if different than mailing address)
969 41ST STREET
OAKLAND CA 94608

6. Transporter 1 Company Name: UNI WASTE
U.S. EPA ID Number: CAL000317320

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
SIEMENS WATER TECHNOLOGIES CORP
5375 SOUTH BOYLE AVENUE
VERNON CA 90058
Facility's Phone: (800)266-7747
U.S. EPA ID Number: CAD097030993

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. HAZARDOUS WASTE SOLID, N.O.S., 9, NA 3077, PG III (WITH TRACE ORGANICS)	004	DM	2000	P	D008	611	
	2.					342		
	3.							
	4.							

14. Special Handling Instructions and Additional Information
WEAR PPE ERG # 171

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Joel Vitary
Signature:
Month: 1 Day: 30 Year: 08

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: William Clark
Signature: William Clark
Month: 1 Day: 30 Year: 08

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name:
Signature:
Month: Day: Year:

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

LABORATORY REPORTS AND CHAIN OF CUSTODY DOCUMENTATION

- **10/23/2007 Lab ID 0710167 for Groundwater from Wells**
- **11/28/2007 Lab ID 0711461 for B13a through B60 Soil**
- **11/28/2007 Lab ID 0711589 for Groundwater from MW7**
- **12/03/2007 Lab ID 0711461_addon A for B15a, B42a, & B60 Soil**
- **12/12/2007 Lab ID 0712111 for B14a, B54, B55, and B62 through B66 Soil**
- **12/18/2007 Lab ID 0711461_addon C for B13a & B49 Soil**
- **12/20/2007 Lab ID 0712328 for B53 Soil**
- **12/21/2007 Lab ID 0712244 for B29a, B30a, B47a, B51, & B52 Resample Soil**
- **1/10/2008 Lab ID 0711461_addon D for B47a Soil**
- **1/10/2008 Lab ID 0712244_addon for B52 Soil**
- **1/17/2008 Lab ID 0801322 for Groundwater from Wells**

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: #CLR 17123/0304; California Linen Rentals	Date Sampled: 10/05/07-10/08/07
		Date Received: 10/09/07
	Client Contact: Steven Carmack	Date Reported: 10/23/07
	Client P.O.:	Date Completed: 10/23/07

WorkOrder: 0710167

October 23, 2007

Dear Steven:

Enclosed are:

1). the results of **14** analyzed samples from your **#CLR 17123/0304; California Linen Rentals project,**

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

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

0710167

CHAIN OF CUSTODY RECORD

with "zero" silica Gel clean up; not the standard 5ch clean up.

PROJECT NUMBER: CLR 17123/0304
PROJECT NAME: California Linen Rentals
SAMPLED BY: (PRINTED AND SIGNATURE) Steve Carmack [signature]

ANALYSIS(ES): TPH Multirange; MBTEX

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	TPH Multirange	MBTEX					PRESERVATIVE	REMARKS
E1	10/5/07	1435	WATER		7	X	X					ICE	Normal Turnaround Time
E2	10/8/07	1825	↓		7	X	X					↓	↓
E3	10/5/07	1445			7	X	X						
E4	"	1745			7	X	X						
E6	10/8/07	1835			7	X	X						
E7	10/5/07	1425			7	X	X						
E8	10/8/07	1550			7	X	X						
E9	"	1600			7	X	X						
I1	10/5/07	1725			7	X	X						
MW1	10/8/07	1840			7	X	X						
MW2	10/5/07	1735			7	X	X						
MW4	sic "	1755			7	X	X						
MW5	10/8/07	1645			7	X	X						
MW6	"	1740			7	X	X						

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)		
[signature]	10/9/07	2:50pm	Michael Hernandez	TOTAL NO. OF SAMPLES (THIS SHIPMENT): 14 TOTAL NO. OF CONTAINERS (THIS SHIPMENT): 78	LABORATORY: McCampbell Analytical
[signature]	10/9/07	1708	RECEIVED BY: (SIGNATURE)	LABORATORY CONTACT: Angela Rydelius	LABORATORY PHONE NUMBER: (877)252-9262
RELINQUISHED BY: (SIGNATURE)	10/9	1708	RECEIVED FOR LABORATORY BY: (SIGNATURE) [signature]	SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES (X)NO	

Lab Report + Invoice to paul.king@rgaenv.com
+ Invoice also to lisa.devito@rgaenv.com

REMARKS: Voas preserved w/ HCL.
See Attached Sample Prep Protocols and 10/9/07 e-mail

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0710167 **ClientID: RGAE**

☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty

Report to:
Steven Carmack
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Email: paul.king@rgaenv.com; pdking0000@a
TEL: (510) 547-7771 FAX: (510) 547-1983
ProjectNo: #CLR 17123/0304; California Linen Re
PO:

Bill to:
Lisa Devito
RGA Environmental
1466 66th Street
Emeryville, CA 94608
lisa.devito@rgaenv.com

Requested TAT: 5 days

Date Received: **10/09/2007**
Date Printed: **10/10/2007**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0710167-001	E1	Water	10/5/07 2:35:00	☐	A	B										
0710167-002	E2	Water	10/8/07 6:25:00	☐	A	B										
0710167-003	E3	Water	10/5/07 2:45:00	☐	A	B										
0710167-004	E4	Water	10/5/07 5:45:00	☐	A	B										
0710167-005	E6	Water	10/8/07 6:35:00	☐	A	B										
0710167-006	E7	Water	10/5/07 2:25:00	☐	A	B										
0710167-007	E8	Water	10/8/07 3:50:00	☐	A	B										
0710167-008	E9	Water	10/8/07 4:00:00	☐	A	B										
0710167-009	I1	Water	10/5/07 5:25:00	☐	A	B										
0710167-010	MW1	Water	10/8/07 6:40:00	☐	A	B										
0710167-011	MW2	Water	10/5/07 5:35:00	☐	A	B										
0710167-012	MW4	Water	10/5/07 5:55:00	☐	A	B										
0710167-013	MW5	Water	10/8/07 4:45:00	☐	A	B										
0710167-014	MW6	Water	10/8/07 5:40:00	☐	A	B										

Test Legend:

1	G-MBTEX_W	2	TPH(DMO)WSG-DZ_W	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Rosa Venegas

Comments: Samples received 10/9/07, Special setup required 10/10/07-RV

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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Sample Receipt Checklist

Client Name: **RGA Environmental** Date and Time Received: **10/9/07**

Project Name: **#CLR 17123/0304; California Linen Rentals** Checklist completed and reviewed by: Rosa Venegas

WorkOrder N°: **0710167** Matrix Water Carrier: Michael Hernandez (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 2.4°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

Client contacted: Paul King Date contacted: 10/10/07 Contacted by: Rosa Venegas

Comments: Sample MW4 is missing 1 liter. Total of 1 Liter Amber and 5 voas pres. With HCL provided. Sufficient Sample was provided.

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RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #CLR 17123/0304; California Linen Rentals	Date Sampled: 10/05/07
		Date Received: 10/09/07
	Client Contact: Steven Carmack	Date Reported: 10/23/07
	Client P.O.:	Date Completed: 10/24/07

Work Order: 0710167

October 24, 2007

RE: TPH(dmo) Results.

At the client request, sediment & sheen were excluded from extraction using the Dawn Zemo separation technique.

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

RGA Environmental	Client Project ID: #CLR 17123/0304; California Linen Rentals	Date Sampled: 10/05/07-10/08/07
1466 66th Street		Date Received: 10/09/07
Emeryville, CA 94608	Client Contact: Steven Carmack	Date Extracted: 10/12/07-10/24/07
	Client P.O.:	Date Analyzed 10/12/07-10/24/07

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

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0710167

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	E1	W	ND	ND	ND	ND	ND	ND	1	91
002A	E2	W	ND	ND	ND	ND	ND	2.8	1	91
003A	E3	W	ND	ND	ND	ND	ND	ND	1	90
004A	E4	W	ND	ND	0.92	ND	ND	ND	1	94
005A	E6	W	ND	ND	ND	ND	ND	ND	1	111
006A	E7	W	ND	ND	ND	ND	ND	ND	1	103
007A	E8	W	400,b,m	ND	1.2	1.3	6.9	58	1	101
008A	E9	W	ND	ND	ND	ND	ND	ND	1	98
009A	I1	W	ND	ND	ND	ND	ND	ND	1	93
010A	MW1	W	ND	ND	ND	ND	ND	ND	1	103
011A	MW2	W	ND	ND	ND	ND	ND	ND	1	91
012A	MW4	W	ND	ND	ND	ND	ND	ND	1	94
013A	MW5	W	ND,i	ND	ND	ND	ND	ND	1	91
014A	MW6	W	ND,i	ND	ND	ND	ND	ND	1	92

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

RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #CLR 17123/0304; California Linen Rentals	Date Sampled: 10/05/07-10/08/07
		Date Received: 10/09/07
	Client Contact: Steven Carmack	Date Extracted: 10/10/07
	Client P.O.:	Date Analyzed 10/17/07-11/02/07

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons Using Dawn Zemo Silica Gel Clean-Up*

Extraction method: SW3510C/3630C/Dawn Zemo Analytical methods: SW8015C Work Order: 0710167

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0710167-001B	E1	W	ND	ND	1	82
0710167-002B	E2	W	ND	ND	1	99
0710167-003B	E3	W	ND	ND	1	99
0710167-004B	E4	W	ND	ND	1	93
0710167-005B	E6	W	ND	ND	1	93
0710167-006B	E7	W	ND	ND	1	95
0710167-007B	E8	W	81,d	ND	1	93
0710167-008B	E9	W	ND	ND	1	94
0710167-009B	I1	W	85,b	ND	1	101
0710167-010B	MW1	W	ND	ND	1	92
0710167-011B	MW2	W	ND	ND	1	80
0710167-012B	MW4	W	ND	ND	1	76
0710167-013B	MW5	W	ND,i	ND	1	82
0710167-014B	MW6	W	ND,i	ND	1	90

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; &) low or no surrogate due to matrix interference.

+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; j) reporting limit raised due to matrix interference; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; p) see attached 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 0710167

EPA Method SW8021B/8015Cm **Extraction SW5030B** **BatchID: 31228** **Spiked Sample ID: 0710326-003A**

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	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	86.5	95.8	10.2	89.7	92.9	3.49	70 - 130	30	70 - 130	30
MTBE	ND	10	99.9	95.7	4.26	110	112	1.07	70 - 130	30	70 - 130	30
Benzene	ND	10	98.8	101	1.78	111	106	5.33	70 - 130	30	70 - 130	30
Toluene	ND	10	93.9	98.2	4.47	94.5	94.5	0	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	100	96.9	3.22	98.1	97.9	0.193	70 - 130	30	70 - 130	30
Xylenes	ND	30	95.3	95.7	0.349	80.3	86.7	7.58	70 - 130	30	70 - 130	30
%SS:	92	10	107	108	1.06	107	103	4.12	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 31228 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0710167-001A	10/05/07 2:35 PM	10/12/07	10/12/07 6:05 PM	0710167-002A	10/08/07 6:25 PM	10/12/07	10/12/07 6:38 PM
0710167-003A	10/05/07 2:45 PM	10/12/07	10/12/07 7:44 PM	0710167-004A	10/05/07 5:45 PM	10/13/07	10/13/07 11:40 AM
0710167-005A	10/08/07 6:35 PM	10/12/07	10/12/07 4:23 AM	0710167-006A	10/05/07 2:25 PM	10/12/07	10/12/07 8:17 PM
0710167-007A	10/08/07 3:50 PM	10/13/07	10/13/07 5:12 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.

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: Water QC Matrix: Water WorkOrder 0710167

EPA Method SW8021B/8015Cm **Extraction SW5030B** **BatchID: 31257** **Spiked Sample ID: 0710374-005A**

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	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	107	84.5	23.6	107	105	1.70	70 - 130	30	70 - 130	30
MTBE	ND	10	109	101	7.13	103	107	3.73	70 - 130	30	70 - 130	30
Benzene	ND	10	104	112	7.76	101	83.8	18.7	70 - 130	30	70 - 130	30
Toluene	ND	10	97.4	103	5.61	99.3	81.6	19.6	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	102	108	5.47	101	95.5	5.37	70 - 130	30	70 - 130	30
Xylenes	ND	30	96.3	100	3.74	95.7	81.3	16.2	70 - 130	30	70 - 130	30
%SS:	94	10	105	111	5.69	103	107	4.31	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 31257 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0710167-008A	10/08/07 4:00 PM	10/12/07	10/12/07 10:29 PM	0710167-009A	10/05/07 5:25 PM	10/12/07	10/12/07 11:02 PM
0710167-010A	10/08/07 6:40 PM	10/17/07	10/17/07 12:22 AM	0710167-011A	10/05/07 5:35 PM	10/13/07	10/13/07 4:32 AM
0710167-012A	10/05/07 5:55 PM	10/13/07	10/13/07 5:04 AM	0710167-013A	10/08/07 4:45 PM	10/13/07	10/13/07 5:37 AM
0710167-014A	10/08/07 5:40 PM	10/13/07	10/13/07 6:10 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.

DHS ELAP Certification N° 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0710167

EPA Method SW8015C **Extraction SW3510C/3630C/Da** **BatchID: 31233** **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	94.7	94.8	0.120	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	88	88	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 31233 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0710167-001B	10/05/07 2:35 PM	10/10/07	10/17/07 9:27 PM	0710167-002B	10/08/07 6:25 PM	10/10/07	10/17/07 10:37 PM
0710167-003B	10/05/07 2:45 PM	10/10/07	10/17/07 11:47 PM	0710167-004B	10/05/07 5:45 PM	10/10/07	10/18/07 12:56 AM
0710167-005B	10/08/07 6:35 PM	10/10/07	10/17/07 9:27 PM	0710167-006B	10/05/07 2:25 PM	10/10/07	10/17/07 10:37 PM
0710167-007B	10/08/07 3:50 PM	10/10/07	10/17/07 11:47 PM	0710167-008B	10/08/07 4:00 PM	10/10/07	10/18/07 12:56 AM
0710167-009B	10/05/07 5:25 PM	10/10/07	10/19/07 3:36 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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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0710167

EPA Method SW8015C **Extraction SW3510C/3630C/Da** **BatchID: 31258** **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	109	105	3.87	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	100	86	15.2	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 31258 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0710167-010B	10/08/07 6:40 PM	10/10/07	10/17/07 7:47 PM	0710167-011B	10/05/07 5:35 PM	10/10/07	10/17/07 6:39 PM
0710167-012B	10/05/07 5:55 PM	10/10/07	10/19/07 10:52 AM	0710167-013B	10/08/07 4:45 PM	10/10/07	10/17/07 7:47 PM
0710167-014B	10/08/07 5:40 PM	10/10/07	10/17/07 6:39 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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Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #CLR17927/0304; California Linen-Oakland	Date Sampled: 11/13/07-11/15/07
		Date Received: 11/16/07
	Client Contact: Paul King	Date Reported: 11/28/07
	Client P.O.:	Date Completed: 11/28/07

WorkOrder: 0711461

November 28, 2007

Dear Paul:

Enclosed are:

1). the results of **68** analyzed samples from your **#CLR17927/0304; California Linen-Oakland project,**

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

Rgae

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

0711461

CHAIN OF CUSTODY RECORD

PROJECT NUMBER: CLR 17927/0304

PROJECT NAME: California Linen - Oakland

SAMPLED BY: (PRINTED AND SIGNATURE) Steven Flexser [signature]

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH-D/MO w. Silica Gel Cleanup per Dawn Zemo	PAH by 8270	BTEX	CAM 17 Metals			PRESERVATIVE	REMARKS
B13a-1.5	11/13/07		SOIL		1		X		X			ICE	Normal Turn Around
B13a-3.5	"		"		1		X		X			"	" " "
B13a-5.0	"		"		1							"	HOLD
B13a-7.0	"		"		1	X						"	Normal Turn Around
B14a-4.5	11/14/07		SOIL		1							"	HOLD
B14a-7.0	"		"		1							"	HOLD
B14a-12.0	"		"		1							"	HOLD
*B15a-1.0	11/13/07		SOIL		1	X	X		X			"	Normal Turn Around
*B15a-2.0	"		"		1	X	X		X			"	HOLD
~~B15a-3.0~~	~~"~~		~~"~~	NOT RECEIVED	~~1~~	~~X~~	~~X~~		~~X~~			~~"~~	~~Normal Turn Around~~
B15a-5.0	"		"		1	X						"	" " "
B15a-7.0	"		"		1	X						"	" " "
B15a-12.0	"		"		1	X						"	" " "
B15a-19.5	"		"		1	X						"	" " "

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)		
[signature]	11/16/07	230	[signature]	TOTAL NO. OF SAMPLES (THIS SHIPMENT): 91 / TOTAL NO. OF CONTAINERS (THIS SHIPMENT): 91	LABORATORY: McCampbell Analytical
[signature]	11/16/07	480	RECEIVED BY: (SIGNATURE)	LABORATORY CONTACT: Angela Rydelius	LABORATORY PHONE NUMBER: (877) 252-9262
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE) [signature]	SAMPLE ANALYSIS REQUEST SHEET ATTACHED: (X) YES ( ) NO	

Results and billing to:
RGA Environmental, Inc.
paul.king@rgaenv.com

REMARKS: Results to dazemo@zemoassociates.com
All TPH-D/MO w. Silica Gel Clean up to be done per attached protocol from Dawn Zemo (1 page)

ICE/t° NO ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB
PRESERVATION: VOAS O&G METALS OTHER

* on HOLD Per PK 11/19

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

Cleanup per Dawn Zemo

CHAIN OF CUSTODY RECORD

PROJECT NUMBER: CLR 17927/0501

PROJECT NAME: California Linen - Oakland

SAMPLED BY: (PRINTED AND SIGNATURE) Steven Flexser Steven Flexser

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	TPH-D/MO W.Silica Gel	PAH by 8270	BTEX	CAM 17 Metals			PRESERVATIVE	REMARKS
MW7-1.0	11/15/07		SOIL		1	X	X		X			TCE	HOLD ~~Normal Turn Around~~
MW7-3.0	11		11		1	X	X		X			11	HOLD
B21a-1.0	11/13/07		SOIL		1		X		X			11	Normal Turn Around
B21a-2.5	11		11		1		X		X			11	11 11 11
B21a-5.0	11		11		1	X	X	X	X			11	11 11 11
B21a-7.0	11		11		1	X		X				11	11 11 11
B29a-2.5	11/13/07		SOIL		1	X	X	X	X			11	11 11 11
B29a-4.5	11/13/07		11		1	X		X				11	11 11 11
B30a-3.0	11/13/07		SOIL		1	X	X	X	X			11	11 11 11
B30a-4.5	11/13/07		11		1	X		X				11	11 11 11
B30a-6.5	11/13/07		11		1							11	HOLD

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)
Steven Flexser	11/16	0250	
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)
	11/16	480	
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)

TOTAL NO. OF SAMPLES (THIS SHIPMENT): 91
TOTAL NO. OF CONTAINERS (THIS SHIPMENT): 91

LABORATORY: McCampbell Analytical

LABORATORY CONTACT: Angela Rydelius

LABORATORY PHONE NUMBER: (877) 252-9262

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

ICE: NO

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

PRESERVATION: VOAS | O&G | METALS | OTHER

Results and billing to:
RGA Environmental, Inc.
paul.king@rgaenv.com

REMARKS:
*Off Hold Per PK 11/19

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

end cleanup per Dawn Zemo

CHAIN OF CUSTODY RECORD

PROJECT NUMBER: CLR 17927/0304 | PROJECT NAME: California Linen - Oakland

SAMPLED BY: (PRINTED AND SIGNATURE) Steven Flexser Steven Flexser

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH-D/MO w. Silica	PAH by 8270	BTEX	CAM 17 Metals			PRESERVATIVE	REMARKS
B37a-3.0	11/14/07		SOIL		1		X					ICE	Normal Turn Around
B37a-5.0	"		"		1	X		X				"	" " "
B37a-7.0	"		"		1	X		X				"	" " "
B37a-12.0	"		"		1	X		X				"	" " "
B37a-19.5	"		"		1							"	HOLD
B40a-3.5	11/14/07		SOIL		1		X					"	Normal Turn Around
B40a-5.0	"		"		1	X		X				"	" " "
B40a-7.0	"		"		1	X		X				"	" " "
B40a-12.0	"		"		1	X		X				"	" " "
B40a-19.5	"		"		1							"	HOLD
B41a-5.0	11/14/07		SOIL		1	X	X	X				"	Normal Turn Around
B41a-7.0	"		"		1	X	X	X				"	" " "
B41a-12.0	"		"		1	X	X	X				"	" " "
B41a-19.5	"		"		1	X		X				"	" " "

RELINQUISHED BY: (SIGNATURE) Steven Flexser — DATE 11/16/07 — TIME 230 — RECEIVED BY: (SIGNATURE)

RELINQUISHED BY: (SIGNATURE) — DATE 11/16/07 — TIME 430 — RECEIVED BY: (SIGNATURE)

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

TOTAL NO. OF SAMPLES (THIS SHIPMENT): 91
TOTAL NO. OF CONTAINERS (THIS SHIPMENT): 91

LABORATORY: McCampbell Analytical

LABORATORY CONTACT: Angela Rydelius

LABORATORY PHONE NUMBER: (877) 252-9262

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

Results and billing to:
RGA Environmental, Inc.
paul.king@rgaenv.com

REMARKS:

ICE/T? NO
GOOD CONDITION ✓ APPROPRIATE ✓
HEAD SPACE ABSENT ____ CONTAINERS ____
DECHLORINATED IN LAB ____ PRESERVED IN LAB ____

PRESERVATION	VOAS	O&G	METALS	OTHER

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

Gd Cleanup per Dawn Zemo

CHAIN OF CUSTODY RECORD

PROJECT NUMBER: CLR 17927/0304 | PROJECT NAME: California Linen - Oakland

SAMPLED BY: (PRINTED AND SIGNATURE) Steven Flexser Steven Flexer

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH-D/MO w/ Silica	PAH by 8270	BTEX	CAM 17 Metals			PRESERVATIVE	REMARKS
B42a-5.0	11/14/07		SOIL		1	X	X	X				ICE	Normal Turn Around
B42a-7.0	"		"		1	X	X	X				"	" " "
B42a-12.0	"		"		1	X	X	X				"	" " "
B42a-19.5	"		"		1	X		X				"	" " "
B43a-1.0	11/15/07		SOIL		1		X					"	Normal Turn Around
B43a-3.0	"		"		1		X					"	" " "
B43a-5.0	"		"		1							"	HOLD
B44a-1.0	11/15/07		SOIL		1		X					"	Normal Turn Around
B44a-3.0	"		"		1		X					"	" " "
B44a-5.0	"		"		1							"	HOLD
B45a-1.0	11/13/07		SOIL		1				X			"	Normal Turn Around
B45a-2.5	"		"		1				X			"	" " "
B45a-5.0	"		"		1				X			"	" " "

RELINQUISHED BY: (SIGNATURE) Steven Flexer — DATE 11/16/07 — TIME 12:00 — RECEIVED BY: (SIGNATURE)

RELINQUISHED BY: (SIGNATURE) — DATE 11/16/07 — TIME 18:40 — RECEIVED BY: (SIGNATURE)

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

TOTAL NO. OF SAMPLES (THIS SHIPMENT): 91
TOTAL NO. OF CONTAINERS (THIS SHIPMENT): 91

LABORATORY: McCampbell Analytical

LABORATORY CONTACT: Angela Rydelius

LABORATORY PHONE NUMBER: (877) 252-9262

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

ICE/T MU
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS
PRESERVED IN LAB

PRESERVATION: VOAS | O&G | METALS | OTHER

Results and billing to:
RGA Environmental, Inc.
paul.king@rgaenv.com

REMARKS:

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

Cleanup per Dawn Zeno

CHAIN OF CUSTODY RECORD

PROJECT NUMBER: CLR 17927/03041

PROJECT NAME: California Linen - Oakland

SAMPLED BY: (PRINTED AND SIGNATURE) Steven Flexser Steven Flexser

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH-D/MO w/ Silica Gel	PAH by 8270	BTEX	CAM 17 Metals			PRESERVATIVE	REMARKS
B47a-3.5	11/13/07		SOIL		1			X				ICE	Normal Turn Around
* B47a-4.5	"		"		1			X				"	" " "
B47a-6.0	"		"		1							"	HOLD
B49-1.0	11/14/07		SOIL		1		X		X			"	Normal Turn Around
B49-3.0	↓		"		1		X		X			"	" " "
B49-5.0	↓		"		1							"	HOLD
B50-1.0	11/14/07		SOIL		1		X		X			"	Normal Turn Around
B50-3.0	↓		"		1		X		X			"	" " "
B50-5.0	↓		"		1							"	HOLD
B51-4.5	11/14/07		SOIL		1							"	HOLD
B54-4.5	11/13/07		SOIL		1							"	HOLD

RELINQUISHED BY: (SIGNATURE) Steve Flexser — DATE 11/16/07 — TIME 230

RECEIVED BY: (SIGNATURE)

RELINQUISHED BY: (SIGNATURE) — DATE — TIME

RECEIVED BY: (SIGNATURE)

RELINQUISHED BY: (SIGNATURE) — DATE — TIME

RECEIVED FOR LABORATORY BY: (SIGNATURE)

TOTAL NO. OF SAMPLES (THIS SHIPMENT): 91

TOTAL NO. OF CONTAINERS (THIS SHIPMENT): 91

LABORATORY: McCampbell Analytical

LABORATORY CONTACT: Angela Rydelius

LABORATORY PHONE NUMBER: (877) 252-9262

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

Results and billing to:
RGA Environmental, Inc.
paul.king@rgaenv.com

REMARKS: *can hold per PK 11/19

TOLA NO
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

PRESERVATION	VOAS	O&G	METALS	OTHER

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

Silica Gel Cleanup per Dawn Zemo

CHAIN OF CUSTODY RECORD

PROJECT NUMBER: CLR 17927/0504

PROJECT NAME: California Linen - Oakland

SAMPLED BY: (PRINTED AND SIGNATURE) Steven Flexser

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	TPH-D/MO W.	PAH by 8270	BTEX	CAM 17 Metals			PRESERVATIVE	REMARKS
B55 5'-4.5	11/13/07		SOIL		1							ICE	~~Normal Turn Around~~ HOLD
B56 5'-1.0	11/13/07		SOIL		1		X					"	Normal Turn Around
B56 -3.0	"		"		1		X					"	" " "
* B56 - 4.5	"		"		1		X					"	" " "
B57 - 1.0	11/13/07		SOIL		1		X					"	~~HOLD~~ OFF HOLD 11/19 PK
B57 - 3.0	"		"		1		X					"	Normal Turn Around
B57 - 4.5	"		"		1							"	HOLD
B58 - 1.0	11/14/07		SOIL		1	X	X		X			"	Normal Turn Around
B58 - 4.5	11/15/07		"		1	X		X				"	" " "
B58 - 6.0	"		"		1	X		X				"	" " "
B58 - 8.0	"		"		1							"	HOLD
B58 - 12.0	"		"		1	X		X				"	Normal Turn Around
B58 - 19.5	"		"		1							"	Hold " "

RELINQUISHED BY: (SIGNATURE) Steven Flexser — DATE 11/16/07 — TIME 2300 — RECEIVED BY: (SIGNATURE)

RELINQUISHED BY: (SIGNATURE) — DATE 11/16/07 — TIME 480 — RECEIVED BY: (SIGNATURE)

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

TOTAL NO. OF SAMPLES (THIS SHIPMENT): 91

TOTAL NO. OF CONTAINERS (THIS SHIPMENT): 91

LABORATORY: McCampbell Analytical

LABORATORY CONTACT: Angela Rydelius

LABORATORY PHONE NUMBER: (877) 252-9262

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

Results and billing to:
RGA Environmental, Inc.
paul.king@rgaenv.com

REMARKS: *on hold per PK 11/19

ICE/t° N/D
GOOD CONDITION ✓ APPROPRIATE ✓
HEAD SPACE ABSENT ____ CONTAINERS ____
DECHLORINATED IN LAB ____ PRESERVED IN LAB ____

PRESERVATION	VOAS	O&G	METALS	OTHER

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

Silica Gel cleanup per Dawn Zemo

CHAIN OF CUSTODY RECORD

PROJECT NUMBER: CLR 17927/05041

PROJECT NAME: California Linen – Oakland

SAMPLED BY: (PRINTED AND SIGNATURE) Steven Flexser Steven Flexser

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH-D/MO w/	PAH by 8270	BTEX	CAM 17 Metals			PRESERVATIVE	REMARKS
B59-1.0	11/14/07		Soil		1	X	X	X				ICE	Normal Turn Around
B59-3.0	11/14/07		"		1	X	X	X				"	" " "
B59-5.0	"		"		1	X		X				"	" " "
B59-7.0	"		"		1	X		X				"	" " "
B59-12.0	"		"		1	X		X				"	" " "
B59-19.5	"		"		1							"	HOLD
B60-1.0	11/14/07		Soil		1	X	X		X			"	Normal Turn Around
B60-3.0	"		"		1	X	X		X			"	" " "
B60-5.0	"		"		1	X		X				"	" " "
B60-7.0	"		"		1	X		X				"	" " "
B60-12.0	"		"		1	X		X				"	" " "
B60-19.5	"		"		1							"	HOLD

RELINQUISHED BY: (SIGNATURE) Steven Flexser — DATE 11/16/07 — TIME 2:30

RECEIVED BY: (SIGNATURE)

RELINQUISHED BY: (SIGNATURE) — DATE 11/16/07 — TIME 4:30

RECEIVED BY: (SIGNATURE)

RELINQUISHED BY: (SIGNATURE) — DATE — TIME

RECEIVED FOR LABORATORY BY: (SIGNATURE)

TOTAL NO. OF SAMPLES (THIS SHIPMENT): 91

TOTAL NO. OF CONTAINERS (THIS SHIPMENT): 91

LABORATORY: McCampbell Analytical

LABORATORY CONTACT: Angela Rydelius

LABORATORY PHONE NUMBER: (877) 252-9262

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

Results and billing to:
RGA Environmental, Inc.
paul.king@rgaenv.com

REMARKS:

ICE/T NU
GOOD CONDITION ✓ — APPROPRIATE ✓
HEAD SPACE ABSENT ____ — CONTAINERS ____
DECHLORINATED IN LAB ____ — PRESERVED IN LAB ____

PRESERVATION	VOAS	O&G	METALS	OTHER

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

Gel Cleanup per Dawn Zemo

CHAIN OF CUSTODY RECORD

PROJECT NUMBER: CLR 17927/0304 | PROJECT NAME: California Linen – Oakland

SAMPLED BY: (PRINTED AND SIGNATURE) Steven Flexser Steven Flexser

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH-D/MO w. Silica	PAH by 8270	BTEX	CAM 17 Metals		PRESERVATIVE	REMARKS
B61-1.0	11/13/07		SOIL		1	X	X	X			ICE	Normal Turn Around
B61-3.0	"		"		1	X	X	X			"	" " "
B61-4.5	"		"		1						"	HOLD
B57A-3.0	11/14/07						X	X				

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)
Steven Flexser	11/16/07	2:30	
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)
	11/16/07	4:30	
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)

TOTAL NO. OF SAMPLES (THIS SHIPMENT): 91
TOTAL NO. OF CONTAINERS (THIS SHIPMENT): 91

LABORATORY: McCampbell Analytical

LABORATORY CONTACT: Angela Rydelius

LABORATORY PHONE NUMBER: (877) 252-9262

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

Results and billing to:
RGA Environmental, Inc.
paul.king@rgaenv.com

REMARKS:

ICE/°C NO
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS
PRESERVED IN LAB

PRESERVATION	VOAS	O&G	METALS	OTHER

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

Sample Receipt Checklist

Client Name: **RGA Environmental**
Date and Time Received: **11/16/2007 4:54:12 PM**

Project Name: **#CLR17927/0304; California Linen-Oakland**
Checklist completed and reviewed by: Elisa Venegas

WorkOrder N°: **0711461** Matrix Soil
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 3.6°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

Client contacted: Date contacted: Contacted by:

Comments:

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

RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #CLR17927/0304; California Linen-Oakland	Date Sampled: 11/13/07-11/15/07
		Date Received: 11/16/07
	Client Contact: Paul King	Date Extracted: 11/16/07-11/19/07
	Client P.O.:	Date Analyzed: 11/17/07-11/23/07

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

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0711461

Lab ID	0711461-001A	0711461-002A	0711461-008A	0711461-009A	Reporting Limit for DF =1	
Client ID	B13a-1.5	B13a-3.5	B15a-1.0	B15a-2.0		
Matrix	S	S	S	S		
DF	1	1	20	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Acenaphthene	ND	ND	ND<0.10	ND	0.005	NA
Acenaphthylene	ND	ND	ND<0.10	ND	0.005	NA
Anthracene	ND	ND	ND<0.10	ND	0.005	NA
Benzo(a)anthracene	ND	ND	ND<0.10	ND	0.005	NA
Benzo(a)pyrene	ND	ND	ND<0.10	ND	0.005	NA
Benzo(b)fluoranthene	ND	ND	ND<0.10	ND	0.005	NA
Benzo(g,h,i)perylene	ND	ND	ND<0.10	ND	0.005	NA
Benzo(k)fluoranthene	ND	ND	ND<0.10	ND	0.005	NA
Chrysene	ND	ND	ND<0.10	ND	0.005	NA
Dibenzo(a,h)anthracene	ND	ND	ND<0.10	ND	0.005	NA
Fluoranthene	ND	ND	ND<0.10	ND	0.005	NA
Fluorene	ND	ND	ND<0.10	ND	0.005	NA
Indeno (1,2,3-cd) pyrene	ND	ND	ND<0.10	ND	0.005	NA
1-Methylnaphthalene	ND	ND	ND<0.10	ND	0.005	NA
2-Methylnaphthalene	ND	ND	ND<0.10	ND	0.005	NA
Naphthalene	ND	ND	ND<0.10	ND	0.005	NA
Phenanthrene	ND	ND	ND<0.10	ND	0.005	NA
Pyrene	ND	ND	ND<0.10	ND	0.005	NA
Surrogate Recoveries (%)						
%SS1	77	76	91	76		
%SS2	80	78	79	79		
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 to high organic content/matrix interference; J) analyte detected below quantitation limits; p) see attached narrative; r) results are reported on a dry weight basis.

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

RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #CLR17927/0304; California Linen-Oakland	Date Sampled: 11/13/07-11/15/07
		Date Received: 11/16/07
	Client Contact: Paul King	Date Extracted: 11/16/07-11/19/07
	Client P.O.:	Date Analyzed: 11/17/07-11/23/07

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

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0711461

Lab ID	0711461-015A	0711461-016A	0711461-017A	0711461-018A	Reporting Limit for DF =1	
Client ID	MW7-1.0	MW7-3.0	B21a-1.0	B21a-2.5		
Matrix	S	S	S	S		
DF	2	1	1	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Acenaphthene	ND<0.010	ND	ND	ND	0.005	NA
Acenaphthylene	ND<0.010	ND	ND	ND	0.005	NA
Anthracene	ND<0.010	ND	ND	ND	0.005	NA
Benzo(a)anthracene	0.013	ND	ND	ND	0.005	NA
Benzo(a)pyrene	ND<0.010	ND	ND	ND	0.005	NA
Benzo(b)fluoranthene	ND<0.010	ND	ND	ND	0.005	NA
Benzo(g,h,i)perylene	ND<0.010	ND	ND	ND	0.005	NA
Benzo(k)fluoranthene	ND<0.010	ND	ND	ND	0.005	NA
Chrysene	ND<0.010	ND	ND	ND	0.005	NA
Dibenzo(a,h)anthracene	ND<0.010	ND	ND	ND	0.005	NA
Fluoranthene	0.013	ND	ND	ND	0.005	NA
Fluorene	ND<0.010	ND	ND	ND	0.005	NA
Indeno (1,2,3-cd) pyrene	ND<0.010	ND	ND	ND	0.005	NA
1-Methylnaphthalene	ND<0.010	ND	ND	ND	0.005	NA
2-Methylnaphthalene	ND<0.010	ND	ND	ND	0.005	NA
Naphthalene	ND<0.010	ND	ND	ND	0.005	NA
Phenanthrene	ND<0.010	ND	ND	ND	0.005	NA
Pyrene	0.018	ND	ND	ND	0.005	NA
Surrogate Recoveries (%)						
%SS1	94	71	76	76		
%SS2	85	79	79	79		
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 to high organic content/matrix interference; J) analyte detected below quantitation limits; p) see attached narrative; r) results are reported on a dry weight basis.

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RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #CLR17927/0304; California Linen-Oakland	Date Sampled: 11/13/07-11/15/07
		Date Received: 11/16/07
	Client Contact: Paul King	Date Extracted: 11/16/07-11/19/07
	Client P.O.:	Date Analyzed: 11/17/07-11/23/07

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

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0711461

Lab ID	0711461-021A	0711461-023A	0711461-026A	0711461-031A	Reporting Limit for DF =1	
Client ID	B29a-2.5	B30a-3.0	B37a-3.0	B40a-3.5		
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Acenaphthene	ND	ND	ND	ND	0.005	NA
Acenaphthylene	ND	ND	ND	ND	0.005	NA
Anthracene	ND	ND	ND	ND	0.005	NA
Benzo(a)anthracene	0.0061	ND	ND	ND	0.005	NA
Benzo(a)pyrene	ND	ND	ND	ND	0.005	NA
Benzo(b)fluoranthene	ND	ND	ND	ND	0.005	NA
Benzo(g,h,i)perylene	ND	ND	ND	ND	0.005	NA
Benzo(k)fluoranthene	ND	ND	ND	ND	0.005	NA
Chrysene	ND	ND	ND	ND	0.005	NA
Dibenzo(a,h)anthracene	ND	ND	ND	ND	0.005	NA
Fluoranthene	0.0058	ND	ND	ND	0.005	NA
Fluorene	ND	ND	ND	ND	0.005	NA
Indeno (1,2,3-cd) pyrene	ND	ND	ND	ND	0.005	NA
1-Methylnaphthalene	ND	ND	ND	ND	0.005	NA
2-Methylnaphthalene	ND	ND	ND	ND	0.005	NA
Naphthalene	ND	ND	ND	ND	0.005	NA
Phenanthrene	0.0082	ND	ND	ND	0.005	NA
Pyrene	0.0074	ND	ND	ND	0.005	NA
Surrogate Recoveries (%)						
%SS1	79	84	75	75		
%SS2	83	91	79	78		
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 to high organic content/matrix interference; J) analyte detected below quantitation limits; p) see attached narrative; r) results are reported on a dry weight basis.

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RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #CLR17927/0304; California Linen-Oakland	Date Sampled: 11/13/07-11/15/07
		Date Received: 11/16/07
	Client Contact: Paul King	Date Extracted: 11/16/07-11/19/07
	Client P.O.:	Date Analyzed: 11/17/07-11/23/07

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

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0711461

Lab ID	0711461-036A	0711461-037A	0711461-038A	0711461-040A	Reporting Limit for DF =1	
Client ID	B41a-5.0	B41a-7.0	B41a-12.0	B42a-5.0		
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Acenaphthene	ND	ND	ND	ND	0.005	NA
Acenaphthylene	ND	ND	ND	ND	0.005	NA
Anthracene	ND	ND	ND	ND	0.005	NA
Benzo(a)anthracene	ND	ND	ND	ND	0.005	NA
Benzo(a)pyrene	ND	ND	ND	ND	0.005	NA
Benzo(b)fluoranthene	ND	ND	ND	ND	0.005	NA
Benzo(g,h,i)perylene	ND	ND	ND	ND	0.005	NA
Benzo(k)fluoranthene	ND	ND	ND	ND	0.005	NA
Chrysene	ND	ND	ND	ND	0.005	NA
Dibenzo(a,h)anthracene	ND	ND	ND	ND	0.005	NA
Fluoranthene	ND	ND	ND	0.0059	0.005	NA
Fluorene	ND	ND	ND	0.0078	0.005	NA
Indeno (1,2,3-cd) pyrene	ND	ND	ND	ND	0.005	NA
1-Methylnaphthalene	ND	ND	ND	0.18	0.005	NA
2-Methylnaphthalene	ND	ND	ND	0.023	0.005	NA
Naphthalene	ND	ND	ND	ND	0.005	NA
Phenanthrene	ND	ND	ND	0.013	0.005	NA
Pyrene	ND	ND	ND	0.0053	0.005	NA
Surrogate Recoveries (%)						
%SS1	76	76	77	93		
%SS2	77	77	77	92		
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 to high organic content/matrix interference; J) analyte detected below quantitation limits; p) see attached narrative; r) results are reported on a dry weight basis.

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RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #CLR17927/0304; California Linen-Oakland	Date Sampled: 11/13/07-11/15/07
		Date Received: 11/16/07
	Client Contact: Paul King	Date Extracted: 11/16/07-11/19/07
	Client P.O.:	Date Analyzed: 11/17/07-11/23/07

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

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0711461

Lab ID	0711461-041A	0711461-042A	0711461-044A	0711461-045A	Reporting Limit for DF =1	
Client ID	B42a-7.0	B42a-12.0	B43a-1.0	B43a-3.0		
Matrix	S	S	S	S		
DF	10	1	1	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Acenaphthene	ND<0.050	ND	ND	ND	0.005	NA
Acenaphthylene	ND<0.050	ND	ND	ND	0.005	NA
Anthracene	ND<0.050	ND	ND	ND	0.005	NA
Benzo(a)anthracene	ND<0.050	ND	ND	ND	0.005	NA
Benzo(a)pyrene	ND<0.050	ND	ND	ND	0.005	NA
Benzo(b)fluoranthene	ND<0.050	ND	ND	ND	0.005	NA
Benzo(g,h,i)perylene	ND<0.050	ND	ND	ND	0.005	NA
Benzo(k)fluoranthene	ND<0.050	ND	ND	ND	0.005	NA
Chrysene	ND<0.050	ND	ND	ND	0.005	NA
Dibenzo(a,h)anthracene	ND<0.050	ND	ND	ND	0.005	NA
Fluoranthene	ND<0.050	ND	ND	ND	0.005	NA
Fluorene	ND<0.050	ND	ND	ND	0.005	NA
Indeno (1,2,3-cd) pyrene	ND<0.050	ND	ND	ND	0.005	NA
1-Methylnaphthalene	ND<0.050	ND	ND	ND	0.005	NA
2-Methylnaphthalene	ND<0.050	ND	ND	ND	0.005	NA
Naphthalene	ND<0.050	ND	ND	ND	0.005	NA
Phenanthrene	ND<0.050	ND	ND	ND	0.005	NA
Pyrene	ND<0.050	ND	ND	ND	0.005	NA
Surrogate Recoveries (%)						
%SS1	101	76	75	75		
%SS2	85	80	82	81		
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.

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RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #CLR17927/0304; California Linen-Oakland	Date Sampled: 11/13/07-11/15/07
		Date Received: 11/16/07
	Client Contact: Paul King	Date Extracted: 11/16/07-11/19/07
	Client P.O.:	Date Analyzed: 11/17/07-11/23/07

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

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0711461

Lab ID	0711461-047A	0711461-048A	0711461-056A	0711461-057A	Reporting Limit for DF =1	
Client ID	B44a-1.0	B44a-3.0	B49-1.0	B49-3.0		
Matrix	S	S	S	S		
DF	1	1	1	10	S	W
Compound	**Concentration**				mg/kg	ug/L
Acenaphthene	ND	ND	ND	ND<0.050	0.005	NA
Acenaphthylene	ND	ND	ND	ND<0.050	0.005	NA
Anthracene	ND	ND	ND	ND<0.050	0.005	NA
Benzo(a)anthracene	ND	ND	ND	0.069	0.005	NA
Benzo(a)pyrene	ND	ND	ND	ND<0.050	0.005	NA
Benzo(b)fluoranthene	ND	ND	ND	ND<0.050	0.005	NA
Benzo(g,h,i)perylene	ND	ND	ND	ND<0.050	0.005	NA
Benzo(k)fluoranthene	ND	ND	ND	ND<0.050	0.005	NA
Chrysene	ND	ND	ND	0.055	0.005	NA
Dibenzo(a,h)anthracene	ND	ND	ND	ND<0.050	0.005	NA
Fluoranthene	ND	ND	ND	0.15	0.005	NA
Fluorene	ND	ND	ND	ND<0.050	0.005	NA
Indeno (1,2,3-cd) pyrene	ND	ND	ND	ND<0.050	0.005	NA
1-Methylnaphthalene	ND	ND	ND	ND<0.050	0.005	NA
2-Methylnaphthalene	ND	ND	ND	ND<0.050	0.005	NA
Naphthalene	ND	ND	ND	ND<0.050	0.005	NA
Phenanthrene	ND	ND	ND	0.11	0.005	NA
Pyrene	ND	ND	ND	0.15	0.005	NA
Surrogate Recoveries (%)						
%SS1	74	75	75	93		
%SS2	81	84	82	74		
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 to high organic content/matrix interference; J) analyte detected below quantitation limits; p) see attached narrative; r) results are reported on a dry weight basis.

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RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #CLR17927/0304; California Linen-Oakland	Date Sampled: 11/13/07-11/15/07
		Date Received: 11/16/07
	Client Contact: Paul King	Date Extracted: 11/16/07-11/19/07
	Client P.O.:	Date Analyzed: 11/17/07-11/23/07

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

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0711461

Lab ID	0711461-059A	0711461-060A	0711461-065A	0711461-066A	Reporting Limit for DF =1	
Client ID	B50-1.0	B50-3.0	B56-1.0	B56-3.0		
Matrix	S	S	S	S		
DF	1	10	20	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Acenaphthene	ND	ND<0.050	ND<0.10	ND	0.005	NA
Acenaphthylene	ND	ND<0.050	ND<0.10	ND	0.005	NA
Anthracene	ND	ND<0.050	ND<0.10	ND	0.005	NA
Benzo(a)anthracene	ND	ND<0.050	ND<0.10	ND	0.005	NA
Benzo(a)pyrene	ND	ND<0.050	ND<0.10	ND	0.005	NA
Benzo(b)fluoranthene	ND	ND<0.050	ND<0.10	ND	0.005	NA
Benzo(g,h,i)perylene	ND	ND<0.050	ND<0.10	ND	0.005	NA
Benzo(k)fluoranthene	ND	ND<0.050	ND<0.10	ND	0.005	NA
Chrysene	ND	ND<0.050	ND<0.10	ND	0.005	NA
Dibenzo(a,h)anthracene	ND	ND<0.050	ND<0.10	ND	0.005	NA
Fluoranthene	ND	ND<0.050	ND<0.10	ND	0.005	NA
Fluorene	ND	ND<0.050	ND<0.10	ND	0.005	NA
Indeno (1,2,3-cd) pyrene	ND	ND<0.050	ND<0.10	ND	0.005	NA
1-Methylnaphthalene	ND	ND<0.050	ND<0.10	ND	0.005	NA
2-Methylnaphthalene	ND	ND<0.050	ND<0.10	ND	0.005	NA
Naphthalene	ND	ND<0.050	ND<0.10	ND	0.005	NA
Phenanthrene	ND	ND<0.050	ND<0.10	ND	0.005	NA
Pyrene	ND	ND<0.050	ND<0.10	ND	0.005	NA
Surrogate Recoveries (%)						
%SS1	74	85	97	74		
%SS2	81	71	80	81		
Comments		j	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 to high organic content/matrix interference; J) analyte detected below quantitation limits; p) see attached narrative; r) results are reported on a dry weight basis.

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RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #CLR17927/0304; California Linen-Oakland	Date Sampled: 11/13/07-11/15/07
		Date Received: 11/16/07
	Client Contact: Paul King	Date Extracted: 11/16/07-11/19/07
	Client P.O.:	Date Analyzed: 11/17/07-11/23/07

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

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0711461

Lab ID	0711461-068A	0711461-069A	0711461-071A	0711461-077A	Reporting Limit for DF =1	
Client ID	B57-1.0	B57-3.0	B58-1.0	B59-1.0		
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Acenaphthene	ND	ND	ND	ND	0.005	NA
Acenaphthylene	ND	ND	ND	ND	0.005	NA
Anthracene	ND	ND	ND	ND	0.005	NA
Benzo(a)anthracene	ND	ND	ND	ND	0.005	NA
Benzo(a)pyrene	ND	ND	ND	ND	0.005	NA
Benzo(b)fluoranthene	ND	ND	ND	ND	0.005	NA
Benzo(g,h,i)perylene	ND	ND	ND	ND	0.005	NA
Benzo(k)fluoranthene	ND	ND	ND	ND	0.005	NA
Chrysene	ND	ND	ND	ND	0.005	NA
Dibenzo(a,h)anthracene	ND	ND	ND	ND	0.005	NA
Fluoranthene	ND	ND	ND	ND	0.005	NA
Fluorene	ND	ND	ND	ND	0.005	NA
Indeno (1,2,3-cd) pyrene	ND	ND	ND	ND	0.005	NA
1-Methylnaphthalene	ND	ND	ND	ND	0.005	NA
2-Methylnaphthalene	ND	ND	ND	ND	0.005	NA
Naphthalene	ND	ND	ND	ND	0.005	NA
Phenanthrene	ND	ND	ND	ND	0.005	NA
Pyrene	ND	ND	ND	ND	0.005	NA
Surrogate Recoveries (%)						
%SS1	82	72	73	74		
%SS2	89	84	82	79		
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 to high organic content/matrix interference; J) analyte detected below quantitation limits; p) see attached narrative; r) results are reported on a dry weight basis.

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RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #CLR17927/0304; California Linen-Oakland	Date Sampled: 11/13/07-11/15/07
		Date Received: 11/16/07
	Client Contact: Paul King	Date Extracted: 11/16/07-11/19/07
	Client P.O.:	Date Analyzed: 11/17/07-11/23/07

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

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0711461

Lab ID	0711461-078A	0711461-083A	0711461-084A	0711461-089A	Reporting Limit for DF =1	
Client ID	B59-3.0	B60-1.0	B60-3.0	B61-1.0		
Matrix	S	S	S	S		
DF	1	50	1	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Acenaphthene	ND	ND<0.25	ND	ND	0.005	NA
Acenaphthylene	ND	ND<0.25	ND	ND	0.005	NA
Anthracene	ND	ND<0.25	ND	ND	0.005	NA
Benzo(a)anthracene	ND	0.43	ND	ND	0.005	NA
Benzo(a)pyrene	ND	0.42	ND	ND	0.005	NA
Benzo(b)fluoranthene	ND	0.33	ND	ND	0.005	NA
Benzo(g,h,i)perylene	ND	0.48	ND	ND	0.005	NA
Benzo(k)fluoranthene	ND	0.36	ND	ND	0.005	NA
Chrysene	ND	0.44	ND	ND	0.005	NA
Dibenzo(a,h)anthracene	ND	ND<0.25	ND	ND	0.005	NA
Fluoranthene	ND	0.31	ND	ND	0.005	NA
Fluorene	ND	ND<0.25	ND	ND	0.005	NA
Indeno (1,2,3-cd) pyrene	ND	0.41	ND	ND	0.005	NA
1-Methylnaphthalene	ND	ND<0.25	0.019	ND	0.005	NA
2-Methylnaphthalene	ND	ND<0.25	0.021	ND	0.005	NA
Naphthalene	ND	ND<0.25	ND	ND	0.005	NA
Phenanthrene	ND	ND<0.25	ND	ND	0.005	NA
Pyrene	ND	0.29	ND	ND	0.005	NA
Surrogate Recoveries (%)						
%SS1	71	95	72	79		
%SS2	77	82	79	84		
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 to high organic content/matrix interference; J) analyte detected below quantitation limits; p) see attached narrative; r) results are reported on a dry weight basis.

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RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #CLR17927/0304; California Linen-Oakland	Date Sampled: 11/13/07-11/15/07
		Date Received: 11/16/07
	Client Contact: Paul King	Date Extracted: 11/16/07-11/19/07
	Client P.O.:	Date Analyzed: 11/17/07-11/23/07

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

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0711461

Lab ID	0711461-090A	0711461-092A			Reporting Limit for DF =1	
Client ID	B61-3.0	B51a-3.0				
Matrix	S	S				
DF	1	1			S	W
Compound	**Concentration**				mg/kg	ug/L
Acenaphthene	ND	ND			0.005	NA
Acenaphthylene	ND	ND			0.005	NA
Anthracene	ND	ND			0.005	NA
Benzo(a)anthracene	ND	ND			0.005	NA
Benzo(a)pyrene	ND	ND			0.005	NA
Benzo(b)fluoranthene	ND	ND			0.005	NA
Benzo(g,h,i)perylene	ND	ND			0.005	NA
Benzo(k)fluoranthene	ND	ND			0.005	NA
Chrysene	ND	ND			0.005	NA
Dibenzo(a,h)anthracene	ND	ND			0.005	NA
Fluoranthene	ND	ND			0.005	NA
Fluorene	ND	ND			0.005	NA
Indeno (1,2,3-cd) pyrene	ND	ND			0.005	NA
1-Methylnaphthalene	ND	ND			0.005	NA
2-Methylnaphthalene	ND	ND			0.005	NA
Naphthalene	ND	ND			0.005	NA
Phenanthrene	ND	ND			0.005	NA
Pyrene	ND	ND			0.005	NA
Surrogate Recoveries (%)						
%SS1	71	76				
%SS2	79	80				
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 to high organic content/matrix interference; J) analyte detected below quantitation limits; p) see attached narrative; r) results are reported on a dry weight basis.

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RGA Environmental	Client Project ID: #CLR17927/0304; California Linen-Oakland	Date Sampled: 11/13/07-11/15/07
		Date Received: 11/16/07
1466 66th Street	Client Contact: Paul King	Date Extracted: 11/16/07-11/19/07
Emeryville, CA 94608	Client P.O.:	Date Analyzed 11/19/07-11/27/07

CAM / CCR 17 Metals*

Lab ID	0711461-001A	0711461-002A	0711461-008A	0711461-009A	Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	B13a-1.5	B13a-3.5	B15a-1.0	B15a-2.0		
Matrix	S	S	S	S	S	W
Extraction Type	TOTAL	TOTAL	TOTAL	TOTAL	mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B Work Order: 0711461

Dilution Factor	1	1	1	1	1	1
Antimony	0.75	0.65	3.4	0.59	0.5	NA
Arsenic	6.7	5.9	5.2	7.0	0.5	NA
Barium	140	230	160	260	5.0	NA
Beryllium	0.54	0.63	ND	0.66	0.5	NA
Cadmium	ND	ND	1.2	0.34	0.25	NA
Chromium	44	44	51	43	0.5	NA
Cobalt	7.3	10	11	13	0.5	NA
Copper	21	25	57	22	0.5	NA
Lead	8.8	10	120	11	0.5	NA
Mercury	ND	ND	0.12	ND	0.05	NA
Molybdenum	1.4	1.6	3.9	1.4	0.5	NA
Nickel	38	36	60	40	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	44	48	50	48	0.5	NA
Zinc	55	47	400	74	5.0	NA
%SS:	96	97	104	96		

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.

TOTAL = acid digestion.

WET = Waste Extraction Test (STLC).

DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL^ metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; J) analyte detected below quantitation limits; 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: #CLR17927/0304; California Linen-Oakland	Date Sampled: 11/13/07-11/15/07
		Date Received: 11/16/07
1466 66th Street	Client Contact: Paul King	Date Extracted: 11/16/07-11/19/07
Emeryville, CA 94608	Client P.O.:	Date Analyzed 11/19/07-11/27/07

CAM / CCR 17 Metals*

Lab ID	0711461-015A	0711461-016A	0711461-017A	0711461-018A	Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	MW7-1.0	MW7-3.0	B21a-1.0	B21a-2.5		
Matrix	S	S	S	S	S	W
Extraction Type	TOTAL	TOTAL	TOTAL	TOTAL	mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B Work Order: 0711461

Dilution Factor	1	1	1	1	1	1
Antimony	1.8	ND	0.69	0.60	0.5	NA
Arsenic	6.7	5.8	8.1	8.0	0.5	NA
Barium	230	230	220	240	5.0	NA
Beryllium	0.84	0.52	0.68	0.81	0.5	NA
Cadmium	2.7	ND	0.40	ND	0.25	NA
Chromium	53	42	49	53	0.5	NA
Cobalt	10	7.6	15	48	0.5	NA
Copper	35	21	26	20	0.5	NA
Lead	260	6.6	8.2	12	0.5	NA
Mercury	0.30	ND	ND	ND	0.05	NA
Molybdenum	0.97	1.1	1.8	2.7	0.5	NA
Nickel	55	35	53	66	0.5	NA
Selenium	0.66	ND	ND	ND	0.5	NA
Silver	ND	ND	ND	ND	0.5	NA
Thallium	ND	ND	ND	ND	0.5	NA
Vanadium	49	47	53	58	0.5	NA
Zinc	1000	38	61	50	5.0	NA
%SS:	112	96	101	103		

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.

TOTAL = acid digestion.

WET = Waste Extraction Test (STLC).

DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL^ metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; J) analyte detected below quantitation limits; 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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		Date Received: 11/16/07
1466 66th Street	Client Contact: Paul King	Date Extracted: 11/16/07-11/19/07
Emeryville, CA 94608	Client P.O.:	Date Analyzed 11/19/07-11/27/07

CAM / CCR 17 Metals*

Lab ID	0711461-021A	0711461-023A	0711461-050A	0711461-051A	Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	B29a-2.5	B30a-3.0	B45a-1.0	B45a-2.5		
Matrix	S	S	S	S	S	W
Extraction Type	TOTAL	TOTAL	TOTAL	TOTAL	mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B Work Order: 0711461

Dilution Factor	1	1	1	1	1	1
Antimony	0.55	0.58	0.56	ND	0.5	NA
Arsenic	9.9	5.4	6.0	5.3	0.5	NA
Barium	150	89	120	140	5.0	NA
Beryllium	0.54	0.58	0.66	0.57	0.5	NA
Cadmium	0.30	ND	0.27	0.30	0.25	NA
Chromium	37	53	51	40	0.5	NA
Cobalt	7.2	9.3	8.9	16	0.5	NA
Copper	17	18	26	19	0.5	NA
Lead	26	67	8.5	7.0	0.5	NA
Mercury	0.093	0.25	ND	ND	0.05	NA
Molybdenum	1.9	0.51	1.4	2.1	0.5	NA
Nickel	43	47	42	50	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	37	38	50	46	0.5	NA
Zinc	58	67	53	40	5.0	NA
%SS:	99	96	108	95		

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.

TOTAL = acid digestion.

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i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL^ metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; J) analyte detected below quantitation limits; 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: #CLR17927/0304; California Linen-Oakland	Date Sampled: 11/13/07-11/15/07
		Date Received: 11/16/07
1466 66th Street	Client Contact: Paul King	Date Extracted: 11/16/07-11/19/07
Emeryville, CA 94608	Client P.O.:	Date Analyzed 11/19/07-11/27/07

CAM / CCR 17 Metals*

Lab ID	0711461-052A	0711461-053A	0711461-056A	0711461-057A	Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	B45a-5.0	B47a-3.5	B49-1.0	B49-3.0		
Matrix	S	S	S	S	S	W
Extraction Type	TOTAL	TOTAL	TOTAL	TOTAL	mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B Work Order: 0711461

Dilution Factor	1	1	1	1	1	1
Antimony	1.0	1.7	0.60	0.57	0.5	NA
Arsenic	7.7	7.7	8.0	6.7	0.5	NA
Barium	210	230	180	150	5.0	NA
Beryllium	0.57	0.55	0.53	0.52	0.5	NA
Cadmium	0.70	1.4	0.43	0.32	0.25	NA
Chromium	49	50	84	47	0.5	NA
Cobalt	17	11	11	8.6	0.5	NA
Copper	26	49	25	22	0.5	NA
Lead	250	180	7.8	11	0.5	NA
Mercury	0.11	0.24	ND	0.096	0.05	NA
Molybdenum	1.5	1.1	2.3	1.3	0.5	NA
Nickel	58	53	71	59	0.5	NA
Selenium	0.88	0.71	0.54	ND	0.5	NA
Silver	ND	ND	ND	ND	0.5	NA
Thallium	ND	ND	ND	ND	0.5	NA
Vanadium	48	51	51	45	0.5	NA
Zinc	220	220	69	57	5.0	NA
%SS:	98	102	104	96		

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.

TOTAL = acid digestion.

WET = Waste Extraction Test (STLC).

DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL^ metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; J) analyte detected below quantitation limits; 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: #CLR17927/0304; California Linen-Oakland	Date Sampled: 11/13/07-11/15/07
		Date Received: 11/16/07
1466 66th Street	Client Contact: Paul King	Date Extracted: 11/16/07-11/19/07
Emeryville, CA 94608	Client P.O.:	Date Analyzed 11/19/07-11/27/07

CAM / CCR 17 Metals*

Lab ID	0711461-059A	0711461-060A	0711461-071A	0711461-077A	Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	B50-1.0	B50-3.0	B58-1.0	B59-1.0		
Matrix	S	S	S	S	S	W
Extraction Type	TOTAL	TOTAL	TOTAL	TOTAL	mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B Work Order: 0711461

Dilution Factor	1	1	1	1	1	1
Antimony	0.62	0.99	0.68	0.68	0.5	NA
Arsenic	6.5	9.7	3.7	4.9	0.5	NA
Barium	140	290	150	240	5.0	NA
Beryllium	0.57	0.74	0.53	0.59	0.5	NA
Cadmium	0.34	0.43	0.30	0.37	0.25	NA
Chromium	52	60	44	49	0.5	NA
Cobalt	7.3	14	5.8	9.4	0.5	NA
Copper	24	32	23	23	0.5	NA
Lead	8.1	9.6	15	7.1	0.5	NA
Mercury	0.17	0.054	ND	ND	0.05	NA
Molybdenum	1.1	2.1	0.85	0.93	0.5	NA
Nickel	53	62	40	48	0.5	NA
Selenium	0.84	0.54	0.53	0.93	0.5	NA
Silver	ND	ND	ND	ND	0.5	NA
Thallium	ND	ND	ND	ND	0.5	NA
Vanadium	49	61	44	50	0.5	NA
Zinc	72	71	62	64	5.0	NA
%SS:	104	112	100	99		

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.

TOTAL = acid digestion.

WET = Waste Extraction Test (STLC).

DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL^ metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; J) analyte detected below quantitation limits; 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: #CLR17927/0304; California Linen-Oakland	Date Sampled: 11/13/07-11/15/07
		Date Received: 11/16/07
1466 66th Street	Client Contact: Paul King	Date Extracted: 11/16/07-11/19/07
Emeryville, CA 94608	Client P.O.:	Date Analyzed 11/19/07-11/27/07

CAM / CCR 17 Metals*

Lab ID	0711461-078A	0711461-083A	0711461-084A	0711461-089A	Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	B59-3.0	B60-1.0	B60-3.0	B61-1.0		
Matrix	S	S	S	S	S	W
Extraction Type	TOTAL	TOTAL	TOTAL	TOTAL	mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B Work Order: 0711461

Dilution Factor	1	1	1	1	1	1
Antimony	0.50	1.7	0.97	1.6	0.5	NA
Arsenic	5.4	4.9	5.1	5.8	0.5	NA
Barium	260	170	180	300	5.0	NA
Beryllium	0.69	0.60	0.55	0.62	0.5	NA
Cadmium	ND	0.52	0.35	0.77	0.25	NA
Chromium	49	39	44	45	0.5	NA
Cobalt	11	12	8.6	11	0.5	NA
Copper	19	93	25	36	0.5	NA
Lead	6.8	150	47	620	0.5	NA
Mercury	ND	0.43	0.074	0.71	0.05	NA
Molybdenum	1.1	0.62	1.1	1.1	0.5	NA
Nickel	40	39	44	50	0.5	NA
Selenium	ND	ND	0.61	0.86	0.5	NA
Silver	ND	ND	ND	ND	0.5	NA
Thallium	ND	ND	ND	ND	0.5	NA
Vanadium	52	36	43	53	0.5	NA
Zinc	43	170	76	260	5.0	NA
%SS:	96	99	102	103		

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.

TOTAL = acid digestion.

WET = Waste Extraction Test (STLC).

DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL^ metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; J) analyte detected below quantitation limits; 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: #CLR17927/0304; California Linen-Oakland	Date Sampled: 11/13/07-11/15/07
		Date Received: 11/16/07
1466 66th Street	Client Contact: Paul King	Date Extracted: 11/16/07-11/19/07
Emeryville, CA 94608	Client P.O.:	Date Analyzed 11/19/07-11/27/07

CAM / CCR 17 Metals*

Lab ID	0711461-090A	0711461-092A			Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	B61-3.0	B51a-3.0				
Matrix	S	S			S	W
Extraction Type	TOTAL	TOTAL			mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B Work Order: 0711461

Dilution Factor	1	1			1	1
Antimony	0.64	0.52			0.5	NA
Arsenic	8.1	8.9			0.5	NA
Barium	230	75			5.0	NA
Beryllium	0.69	ND			0.5	NA
Cadmium	0.28	ND			0.25	NA
Chromium	52	15			0.5	NA
Cobalt	11	8.0			0.5	NA
Copper	25	14			0.5	NA
Lead	8.2	13			0.5	NA
Mercury	ND	0.062			0.05	NA
Molybdenum	1.7	0.65			0.5	NA
Nickel	53	12			0.5	NA
Selenium	ND	ND			0.5	NA
Silver	ND	ND			0.5	NA
Thallium	ND	ND			0.5	NA
Vanadium	56	40			0.5	NA
Zinc	60	64			5.0	NA
%SS:	97	112				

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.

TOTAL = acid digestion.

WET = Waste Extraction Test (STLC).

DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL^ metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; J) analyte detected below quantitation limits; 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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1466 66th Street		Date Received: 11/16/07
Emeryville, CA 94608	Client Contact: Paul King	Date Extracted: 11/16/07
	Client P.O.:	Date Analyzed: 11/17/07-11/27/07

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

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0711461

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
019A	B21a-5.0	S	---	---	ND	ND	ND	ND	1	75
020A	B21a-7.0	S	---	---	ND	ND	ND	ND	1	75
021A	B29a-2.5	S	---	---	ND	ND	ND	ND	1	72
022A	B29a-4.5	S	---	---	ND	ND	ND	ND	1	77
023A	B30a-3.0	S	---	---	ND	ND	ND	ND	1	73
024A	B30a-4.5	S	---	---	ND	ND	ND	ND	1	75
027A	B37a-5.0	S	---	---	ND	ND	ND	ND	1	74
028A	B37a-7.0	S	---	---	ND	ND	ND	ND	1	76
029A	B37a-12.0	S	---	---	ND	ND	ND	ND	1	93
032A	B40a-5.0	S	---	---	ND	ND	ND	ND	1	80
033A	B40a-7.0	S	---	---	ND	ND	ND	ND	1	81
034A	B40a-12.0	S	---	---	ND	ND	ND	ND	1	81
036A	B41a-5.0	S	---	---	ND	ND	ND	ND	1	77
037A	B41a-7.0	S	---	---	ND	ND	0.020	0.030	1	79
038A	B41a-12.0	S	---	---	ND	ND	ND	ND	1	73
039A	B41a-19.5	S	---	---	ND	ND	ND	ND	1	74
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 organic / 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: #CLR17927/0304; California Linen-Oakland	Date Sampled: 11/13/07-11/15/07
		Date Received: 11/16/07
	Client Contact: Paul King	Date Extracted: 11/16/07
	Client P.O.:	Date Analyzed: 11/17/07-11/27/07

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

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0711461

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
040A	B42a-5.0	S	---	---	ND<0.17	ND<0.17	0.51	0.71	33	116
041A	B42a-7.0	S	---	---	ND<0.17	ND<0.17	0.61	0.59	33	106
042A	B42a-12.0	S	---	---	ND	ND	0.070	0.11	1	72
043A	B42a-19.5	S	---	---	ND	ND	ND	ND	1	81
072A	B58-4.5	S	---	---	ND	ND	ND	ND	1	81
073A	B58-6.0	S	---	---	ND	ND	ND	ND	1	83
075A	B58-12.0	S	---	---	ND	ND	ND	ND	1	91
079A	B59-5.0	S	---	---	ND	ND	ND	ND	1	84
080A	B59-7.0	S	---	---	ND	ND	ND	ND	1	88
081A	B59-12.0	S	---	---	ND	ND	ND	ND	1	89
085A	B60-5.0	S	---	---	ND	ND	ND	ND	1	77
086A	B60-7.0	S	---	---	ND	ND	ND	ND	1	91
087A	B60-12.0	S	---	---	ND	ND	ND	ND	1	71

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 organic / 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: #CLR17927/0304; California Linen-Oakland	Date Sampled: 11/13/07-11/15/07
		Date Received: 11/16/07
	Client Contact: Paul King	Date Extracted: 11/16/07-11/19/07
	Client P.O.:	Date Analyzed 11/17/07-11/19/07

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550C/3630C Analytical methods: SW8015C Work Order: 0711461

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0711461-004A	B13a-7.0	S	2.9,g,b	8.8	1	108
0711461-008A	B15a-1.0	S	22,g,b	120	2	91
0711461-009A	B15a-2.0	S	ND	ND	1	92
0711461-011A	B15a-5.0	S	ND	ND	1	90
0711461-012A	B15a-7.0	S	ND	ND	1	93
0711461-013A	B15a-12.0	S	ND	ND	1	94
0711461-014A	B15a-19.5	S	ND	ND	1	95
0711461-015A	MW7-1.0	S	4.9,g,b	18	1	105
0711461-016A	MW7-3.0	S	ND	ND	1	101
0711461-019A	B21a-5.0	S	4.4,g,b	17	1	106
0711461-020A	B21a-7.0	S	2.2,g,b	8.0	1	107
0711461-021A	B29a-2.5	S	ND	ND	1	102
0711461-022A	B29a-4.5	S	1.6,g	11	1	106
0711461-023A	B30a-3.0	S	ND	ND	1	108
0711461-024A	B30a-4.5	S	ND	ND	1	102
0711461-027A	B37a-5.0	S	ND	ND	1	110

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; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; r) results are reported on a dry weight basis

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RGA Environmental	Client Project ID: #CLR17927/0304; California Linen-Oakland	Date Sampled: 11/13/07-11/15/07
1466 66th Street		Date Received: 11/16/07
Emeryville, CA 94608	Client Contact: Paul King	Date Extracted: 11/16/07-11/19/07
	Client P.O.:	Date Analyzed 11/17/07-11/19/07

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550C/3630C Analytical methods: SW8015C Work Order: 0711461

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0711461-028A	B37a-7.0	S	ND	ND	1	106
0711461-029A	B37a-12.0	S	ND	ND	1	107
0711461-032A	B40a-5.0	S	ND	ND	1	105
0711461-033A	B40a-7.0	S	ND	ND	1	107
0711461-034A	B40a-12.0	S	ND	ND	1	108
0711461-036A	B41a-5.0	S	ND	ND	1	106
0711461-037A	B41a-7.0	S	12,g,k	15	1	108
0711461-038A	B41a-12.0	S	36,n,g	29	1	107
0711461-039A	B41a-19.5	S	ND	ND	1	107
0711461-040A	B42a-5.0	S	81,k,g	40	1	94
0711461-041A	B42a-7.0	S	290,k,g	260	10	83
0711461-042A	B42a-12.0	S	33,g,k	52	1	110
0711461-043A	B42a-19.5	S	ND	ND	1	111
0711461-071A	B58-1.0	S	ND	ND	1	101
0711461-072A	B58-4.5	S	ND	ND	1	108
0711461-073A	B58-6.0	S	ND	ND	1	110

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; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; r) results are reported on a dry weight basis

DHS ELAP Certification N° 1644

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		Date Received: 11/16/07
	Client Contact: Paul King	Date Extracted: 11/16/07-11/19/07
	Client P.O.:	Date Analyzed 11/17/07-11/19/07

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550C/3630C Analytical methods: SW8015C Work Order: 0711461

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0711461-075A	B58-12.0	S	ND	ND	1	104
0711461-077A	B59-1.0	S	3.5,n	ND	1	106
0711461-078A	B59-3.0	S	ND	ND	1	107
0711461-079A	B59-5.0	S	ND	ND	1	109
0711461-080A	B59-7.0	S	ND	ND	1	110
0711461-081A	B59-12.0	S	ND	ND	1	110
0711461-083A	B60-1.0	S	110,g,b	420	10	88
0711461-084A	B60-3.0	S	2.4,n,b	ND	1	93
0711461-085A	B60-5.0	S	ND	ND	1	111
0711461-086A	B60-7.0	S	ND	ND	1	93
0711461-087A	B60-12.0	S	ND	ND	1	108
0711461-089A	B61-1.0	S	5.8,g,b	17	1	107
0711461-090A	B61-3.0	S	ND	ND	1	92

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; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; r) results are reported on a dry weight basis

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0711461

EPA Method SW8270C	Extraction SW3550C	BatchID: 31865	Spiked Sample ID: 0711313-005A

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	107	105	1.91	105	104	0.435	30 - 130	30	30 - 130	30
Chrysene	ND	0.10	110	107	2.27	122	119	2.47	30 - 130	30	30 - 130	30
1-Methylnaphthalene	ND	0.10	117	117	0	129	128	0.447	30 - 130	30	30 - 130	30
2-Methylnaphthalene	ND	0.10	112	112	0	123	120	2.86	30 - 130	30	30 - 130	30
Phenanthrene	ND	0.10	97	95.1	1.93	112	110	1.84	30 - 130	30	30 - 130	30
Pyrene	ND	0.10	115	113	2.31	126	126	0	30 - 130	30	30 - 130	30
%SS1:	75	0.050	76	75	0.378	80	79	0.0574	30 - 130	30	30 - 130	30
%SS2:	83	0.050	84	84	0	89	89	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 31865 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0711461-001A	11/13/07	11/16/07	11/18/07 6:46 AM	0711461-002A	11/13/07	11/16/07	11/18/07 8:05 AM
0711461-008A	11/13/07	11/16/07	11/23/07 11:03 AM	0711461-009A	11/13/07	11/16/07	11/18/07 9:24 AM
0711461-017A	11/13/07	11/16/07	11/18/07 10:44 AM	0711461-018A	11/13/07	11/16/07	11/18/07 12:04 PM
0711461-021A	11/13/07	11/16/07	11/23/07 4:26 AM	0711461-023A	11/13/07	11/16/07	11/22/07 11:08 PM
0711461-026A	11/14/07	11/16/07	11/18/07 4:03 PM	0711461-031A	11/14/07	11/16/07	11/18/07 5:22 PM
0711461-036A	11/14/07	11/16/07	11/18/07 6:41 PM	0711461-037A	11/14/07	11/16/07	11/18/07 10:37 PM
0711461-038A	11/14/07	11/16/07	11/18/07 11:56 PM	0711461-040A	11/14/07	11/16/07	11/22/07 7:11 PM
0711461-041A	11/14/07	11/16/07	11/23/07 1:47 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.

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 SW8270C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0711461

EPA Method SW8270C	Extraction SW3550C	BatchID: 31980	Spiked Sample ID: 0711461-042A

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	93.7	91	2.98	110	109	0.377	30 - 130	30	30 - 130	30
Chrysene	ND	0.10	98.4	101	2.97	102	101	1.41	30 - 130	30	30 - 130	30
1-Methylnaphthalene	ND	0.10	84.5	87.8	3.77	128	127	0.707	30 - 130	30	30 - 130	30
2-Methylnaphthalene	ND	0.10	79.7	83.1	4.20	123	124	0.783	30 - 130	30	30 - 130	30
Phenanthrene	ND	0.10	80.4	83.6	3.87	109	109	0	30 - 130	30	30 - 130	30
Pyrene	ND	0.10	79.1	77.1	2.55	112	113	0.165	30 - 130	30	30 - 130	30
%SS1:	76	0.050	85	85	0	83	83	0	30 - 130	30	30 - 130	30
%SS2:	80	0.050	83	83	0	95	95	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 31980 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0711461-042A	11/14/07	11/16/07	11/17/07 6:59 PM	0711461-044A	11/15/07	11/16/07	11/19/07 3:52 AM
0711461-045A	11/15/07	11/16/07	11/19/07 5:10 AM	0711461-047A	11/15/07	11/16/07	11/19/07 6:29 AM
0711461-048A	11/15/07	11/16/07	11/19/07 7:48 AM	0711461-056A	11/14/07	11/16/07	11/19/07 9:07 AM
0711461-057A	11/14/07	11/16/07	11/23/07 3:06 AM	0711461-059A	11/14/07	11/16/07	11/19/07 10:28 AM
0711461-060A	11/14/07	11/16/07	11/23/07 1:44 PM	0711461-065A	11/13/07	11/16/07	11/23/07 7:06 AM
0711461-066A	11/13/07	11/16/07	11/19/07 11:54 AM	0711461-067A	11/13/07	11/16/07	11/20/07 7:22 AM
0711461-069A	11/13/07	11/16/07	11/20/07 8:42 AM	0711461-071A	11/14/07	11/16/07	11/20/07 6:03 AM
0711461-077A	11/14/07	11/16/07	11/20/07 10:04 AM	0711461-078A	11/14/07	11/16/07	11/20/07 11:27 AM
0711461-083A	11/14/07	11/16/07	11/23/07 12:24 PM	0711461-084A	11/14/07	11/16/07	11/20/07 12:51 PM
0711461-089A	11/13/07	11/16/07	11/22/07 9:48 PM	0711461-090A	11/13/07	11/16/07	11/20/07 3:39 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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QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0711461

EPA Method SW8270C	Extraction SW3550C	BatchID: 31985	Spiked Sample ID: 0711461-092A

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	82.2	80.8	1.64	76.5	75.6	1.08	30 - 130	30	30 - 130	30
Chrysene	ND	0.10	75.8	76.9	1.38	80.9	79.7	1.38	30 - 130	30	30 - 130	30
1-Methylnaphthalene	ND	0.10	86	85.4	0.664	87.5	86.9	0.617	30 - 130	30	30 - 130	30
2-Methylnaphthalene	ND	0.10	81.6	82.6	1.17	84.4	82.8	1.92	30 - 130	30	30 - 130	30
Phenanthrene	ND	0.10	79.4	77.3	2.74	84.8	84.4	0.425	30 - 130	30	30 - 130	30
Pyrene	ND	0.10	102	103	1.47	79.9	76.7	4.06	30 - 130	30	30 - 130	30
%SS1:	76	0.050	85	84	0.502	90	90	0	30 - 130	30	30 - 130	30
%SS2:	80	0.050	85	84	0.349	95	95	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 31985 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0711461-015A	11/15/07	11/19/07	11/23/07 12:28 AM	0711461-016A	11/15/07	11/19/07	11/20/07 6:22 PM
0711461-068A	11/13/07	11/19/07	11/22/07 8:29 PM	0711461-092A	11/14/07	11/16/07	11/17/07 10:55 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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QC SUMMARY REPORT FOR 6020A

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0711461

EPA Method 6020A **Extraction SW3050B** **BatchID: 31949** **Spiked Sample ID 0711413-002A**

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	96.9	96.4	0.497	10	90.4	95.6	5.55	70 - 130	20	80 - 120	20
Arsenic	7.9	50	97.6	96.6	0.868	10	97.3	97.9	0.666	70 - 130	20	80 - 120	20
Barium	370	500	99.5	100	0.332	100	96.5	99.2	2.76	70 - 130	20	80 - 120	20
Beryllium	ND	50	85.2	84.4	0.862	10	93.1	94.3	1.29	70 - 130	20	80 - 120	20
Cadmium	0.62	50	96.8	95.5	1.36	10	98.9	100	1.21	70 - 130	20	80 - 120	20
Chromium	43	50	88.3	91.3	1.71	10	94.7	95	0.295	70 - 130	20	80 - 120	20
Cobalt	12	50	87.1	86.3	0.690	10	101	103	1.28	70 - 130	20	80 - 120	20
Copper	53	50	97.9	101	1.66	10	81.9	83.9	2.40	70 - 130	20	80 - 120	20
Lead	300	50	NR	NR	NR	10	82.8	87.8	5.87	70 - 130	20	80 - 120	20
Mercury	0.15	1.25	91.4	92.5	1.00	0.25	89.5	86.2	3.69	70 - 130	20	80 - 120	20
Molybdenum	ND	50	96.3	95.7	0.578	10	94.8	97.2	2.56	70 - 130	20	80 - 120	20
Nickel	39	50	98.4	100	1.14	10	97.7	96.8	0.925	70 - 130	20	80 - 120	20
Selenium	ND	50	96.5	96.2	0.391	10	95.7	95.7	0	70 - 130	20	80 - 120	20
Silver	ND	50	95.4	94.6	0.795	10	94.6	90	4.98	70 - 130	20	80 - 120	20
Thallium	ND	50	94.3	94.1	0.212	10	96.2	97.8	1.69	70 - 130	20	80 - 120	20
Vanadium	63	50	90.6	94	1.55	10	93.6	94.3	0.713	70 - 130	20	80 - 120	20
Zinc	270	500	97.7	97.3	0.265	100	97.2	99.4	2.16	70 - 130	20	80 - 120	20
%SS:	92	250	94	96	1.76	250	91	96	5.51	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 31949 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0711461-001A	11/13/07	11/16/07	11/19/07 10:10 PM	0711461-002A	11/13/07	11/16/07	11/19/07 10:18 PM
0711461-008A	11/13/07	11/16/07	11/19/07 10:27 PM	0711461-008A	11/13/07	11/16/07	11/20/07 2:37 AM
0711461-017A	11/13/07	11/16/07	11/19/07 10:43 PM	0711461-018A	11/13/07	11/16/07	11/19/07 10:51 PM
0711461-021A	11/13/07	11/16/07	11/19/07 10:59 PM	0711461-023A	11/13/07	11/16/07	11/19/07 11:07 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: 0711461

EPA Method 6020A **Extraction SW3050B** **BatchID: 31978** **Spiked Sample ID 0711461-050A**

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	0.56	50	134, F1	122	9.36	10	118	110	7.13	70 - 130	20	80 - 120	20
Arsenic	6.0	50	118	105	10.3	10	109	103	5.38	70 - 130	20	80 - 120	20
Barium	120	500	116	104	9.10	100	113	104	8.47	70 - 130	20	80 - 120	20
Beryllium	0.66	50	111	101	9.63	10	111	105	6.12	70 - 130	20	80 - 120	20
Cadmium	0.27	50	117	107	9.16	10	111	104	5.67	70 - 130	20	80 - 120	20
Chromium	51	50	108	90.1	9.14	10	108	102	5.89	70 - 130	20	80 - 120	20
Cobalt	8.9	50	112	101	8.89	10	107	101	6.04	70 - 130	20	80 - 120	20
Copper	26	50	112	97	9.61	10	110	103	6.40	70 - 130	20	80 - 120	20
Lead	8.5	50	113	102	8.61	10	107	98.6	7.61	70 - 130	20	80 - 120	20
Mercury	ND	1.25	103	95.2	7.71	0.25	91.7	84.7	7.94	70 - 130	20	80 - 120	20
Molybdenum	1.4	50	112	102	9.35	10	104	98.6	5.51	70 - 130	20	80 - 120	20
Nickel	42	50	113	95.3	9.46	10	109	102	7.12	70 - 130	20	80 - 120	20
Selenium	ND	50	119	106	11.1	10	112	106	5.60	70 - 130	20	80 - 120	20
Thallium	ND	50	115	106	7.86	10	99.6	94.9	4.86	70 - 130	20	80 - 120	20
Vanadium	50	50	110	92.8	8.76	10	109	102	6.52	70 - 130	20	80 - 120	20
Zinc	53	500	119	108	8.55	100	110	103	6.56	70 - 130	20	80 - 120	20
%SS:	108	250	109	103	5.86	250	114	103	9.96	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

F1 = MS / MSD outside of acceptance criteria. LCS - LCSD validate prep batch.

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

BATCH 31978 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0711461-009A	11/13/07	11/16/07	11/19/07 10:35 PM	0711461-050A	11/13/07	11/16/07	11/19/07 5:59 PM
0711461-051A	11/13/07	11/16/07	11/19/07 11:15 PM	0711461-052A	11/13/07	11/16/07	11/19/07 3:18 PM
0711461-052A	11/13/07	11/16/07	11/19/07 6:55 PM	0711461-053A	11/13/07	11/16/07	11/20/07 12:36 AM
0711461-053A	11/13/07	11/16/07	11/20/07 5:11 AM	0711461-054A	11/13/07	11/16/07	11/19/07 3:26 PM
0711461-056A	11/14/07	11/16/07	11/27/07 4:34 PM	0711461-057A	11/14/07	11/16/07	11/19/07 11:23 PM
0711461-059A	11/14/07	11/16/07	11/19/07 3:34 PM	0711461-060A	11/14/07	11/16/07	11/19/07 4:22 PM
0711461-071A	11/14/07	11/16/07	11/19/07 11:56 PM	0711461-077A	11/14/07	11/16/07	11/20/07 12:04 AM
0711461-078A	11/14/07	11/16/07	11/20/07 12:12 AM	0711461-083A	11/14/07	11/16/07	11/20/07 12:20 AM
0711461-083A	11/14/07	11/16/07	11/20/07 4:31 AM	0711461-084A	11/14/07	11/16/07	11/19/07 3:10 PM
0711461-089A	11/13/07	11/16/07	11/19/07 3:42 PM	0711461-089A	11/13/07	11/16/07	11/19/07 7:20 PM
0711461-090A	11/13/07	11/16/07	11/20/07 12:28 AM	0711461-092A	11/14/07	11/16/07	11/19/07 3:50 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.

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: 0711461

EPA Method 6020A **Extraction SW3050B** **BatchID: 31991** **Spiked Sample ID 0711488-004A**

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	122	116	4.98	10	110	113	2.74	70 - 130	20	80 - 120	20
Arsenic	ND	50	125	115	6.96	10	105	108	3.00	70 - 130	20	80 - 120	20
Barium	40	500	107	97.3	5.95	100	106	109	2.23	70 - 130	20	80 - 120	20
Beryllium	ND	50	105	99	6.18	10	106	108	2.52	70 - 130	20	80 - 120	20
Cadmium	ND	50	118	112	5.32	10	107	109	2.13	70 - 130	20	80 - 120	20
Chromium	16	50	124	112	5.86	10	104	106	1.62	70 - 130	20	80 - 120	20
Cobalt	0.57	50	108	103	4.06	10	110	111	1.09	70 - 130	20	80 - 120	20
Copper	1.1	50	102	90.2	7.69	10	102	103	1.07	70 - 130	20	80 - 120	20
Lead	ND	50	121	114	5.30	10	108	110	2.30	70 - 130	20	80 - 120	20
Mercury	ND	1.25	112	106	5.48	0.25	90.9	94.9	4.01	70 - 130	20	80 - 120	20
Molybdenum	ND	50	116	111	4.61	10	103	106	3.25	70 - 130	20	80 - 120	20
Nickel	2.0	50	103	90	7.35	10	106	107	1.04	70 - 130	20	80 - 120	20
Selenium	ND	50	120	110	8.59	10	104	106	2.06	70 - 130	20	80 - 120	20
Silver	ND	50	115	110	4.90	10	107	110	2.39	70 - 130	20	80 - 120	20
Thallium	ND	50	120	113	6.28	10	103	106	3.16	70 - 130	20	80 - 120	20
Vanadium	4.4	50	141, F1	125	5.49	10	105	107	2.08	70 - 130	20	80 - 120	20
Zinc	20	500	117	110	5.56	100	105	106	1.52	70 - 130	20	80 - 120	20
%SS:	102	250	117	115	1.34	250	102	103	1.44	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

F1 = MS / MSD outside of acceptance criteria. LCS - LCSD validate prep batch.

BATCH 31991 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0711461-015A	11/15/07	11/19/07	11/20/07 9:20 AM	0711461-015A	11/15/07	11/19/07	11/20/07 4:28 PM
0711461-016A	11/15/07	11/19/07	11/20/07 9:27 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 0711461

EPA Method SW8021B/8015Cm Extraction SW5030B BatchID: 31976 Spiked Sample ID: 0711456-005A

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	94.5	13.6	97.9	98.5	0.543	70 - 130	30	70 - 130	30
MTBE	ND	0.10	88.5	109	20.8	94.5	98.1	3.74	70 - 130	30	70 - 130	30
Benzene	ND	0.10	83.9	92.7	10.0	90.5	92	1.67	70 - 130	30	70 - 130	30
Toluene	ND	0.10	71.2	78.7	9.60	80.4	82.1	2.07	70 - 130	30	70 - 130	30
Ethylbenzene	ND	0.10	81.5	91.6	11.6	89.1	93	4.29	70 - 130	30	70 - 130	30
Xylenes	ND	0.30	78.3	86.7	10.1	86	87	1.16	70 - 130	30	70 - 130	30
%SS:	82	0.10	91	99	9.03	76	73	2.96	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 31976 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0711461-019A	11/13/07	11/16/07	11/19/07 9:11 PM	0711461-020A	11/13/07	11/16/07	11/17/07 8:51 PM
0711461-021A	11/13/07	11/16/07	11/17/07 9:51 PM	0711461-022A	11/13/07	11/16/07	11/17/07 10:21 PM
0711461-023A	11/13/07	11/16/07	11/17/07 2:51 PM	0711461-024A	11/13/07	11/16/07	11/17/07 11:21 PM
0711461-027A	11/14/07	11/16/07	11/17/07 1:20 PM	0711461-028A	11/14/07	11/16/07	11/17/07 4:21 PM
0711461-029A	11/14/07	11/16/07	11/20/07 4:35 PM	0711461-032A	11/14/07	11/16/07	11/20/07 1:40 AM
0711461-033A	11/14/07	11/16/07	11/19/07 7:30 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.

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0711461

EPA Method SW8021B/8015Cm Extraction SW5030B BatchID: 31984 Spiked Sample ID: 0711461-034A

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	103	108	3.97	105	102	2.70	70 - 130	30	70 - 130	30
MTBE	ND	0.10	91.4	96.8	5.68	105	88.9	16.8	70 - 130	30	70 - 130	30
Benzene	ND	0.10	96	96.4	0.391	96.9	95.7	1.25	70 - 130	30	70 - 130	30
Toluene	ND	0.10	84	85.3	1.41	86.4	85.1	1.50	70 - 130	30	70 - 130	30
Ethylbenzene	ND	0.10	96.7	98.5	1.86	95.7	96.5	0.871	70 - 130	30	70 - 130	30
Xylenes	ND	0.30	91	91.3	0.366	91.3	91	0.366	70 - 130	30	70 - 130	30
%SS:	81	0.10	88	81	8.48	93	89	4.21	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 31984 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0711461-034A	11/14/07	11/16/07	11/19/07 8:03 PM	0711461-036A	11/14/07	11/16/07	11/17/07 2:21 PM
0711461-037A	11/14/07	11/16/07	11/20/07 1:24 AM	0711461-038A	11/14/07	11/16/07	11/20/07 2:56 AM
0711461-039A	11/14/07	11/16/07	11/17/07 11:51 PM	0711461-040A	11/14/07	11/16/07	11/19/07 11:26 PM
0711461-041A	11/14/07	11/16/07	11/20/07 3:19 AM	0711461-042A	11/14/07	11/16/07	11/17/07 10:51 PM
0711461-043A	11/14/07	11/16/07	11/19/07 5:42 PM	0711461-072A	11/15/07	11/16/07	11/19/07 11:59 PM
0711461-073A	11/15/07	11/16/07	11/20/07 12:33 AM	0711461-075A	11/15/07	11/16/07	11/20/07 5:06 PM
0711461-079A	11/14/07	11/16/07	11/17/07 3:51 PM	0711461-080A	11/14/07	11/16/07	11/19/07 11:21 PM
0711461-081A	11/14/07	11/16/07	11/20/07 12:54 AM	0711461-085A	11/14/07	11/16/07	11/17/07 1:51 PM
0711461-086A	11/14/07	11/16/07	11/27/07 1:50 PM	0711461-087A	11/14/07	11/16/07	11/17/07 4:51 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.

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0711461

EPA Method SW8015C	Extraction SW3550C/3630C	BatchID: 31979	Spiked Sample ID: 0711461-004A

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)	2.9	20	84.4	84.4	0	75	78.9	5.08	70 - 130	30	70 - 130	30
%SS:	108	50	91	92	1.50	96	100	4.34	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 31979 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0711461-004A	11/13/07	11/16/07	11/18/07 12:05 PM	0711461-008A	11/13/07	11/16/07	11/18/07 12:41 PM
0711461-009A	11/13/07	11/16/07	11/18/07 11:31 AM	0711461-011A	11/13/07	11/16/07	11/18/07 10:21 AM
0711461-012A	11/13/07	11/16/07	11/18/07 8:02 AM	0711461-013A	11/13/07	11/16/07	11/18/07 6:53 AM
0711461-014A	11/13/07	11/16/07	11/18/07 5:44 AM	0711461-019A	11/13/07	11/16/07	11/18/07 5:15 AM
0711461-020A	11/13/07	11/16/07	11/19/07 12:42 PM	0711461-021A	11/13/07	11/16/07	11/19/07 11:34 AM
0711461-022A	11/13/07	11/16/07	11/18/07 4:07 AM	0711461-023A	11/13/07	11/16/07	11/18/07 1:13 PM
0711461-024A	11/13/07	11/16/07	11/19/07 5:14 PM	0711461-027A	11/14/07	11/16/07	11/18/07 2:22 PM
0711461-028A	11/14/07	11/16/07	11/18/07 7:32 AM	0711461-029A	11/14/07	11/16/07	11/17/07 9:17 PM
0711461-032A	11/14/07	11/16/07	11/18/07 10:57 AM	0711461-033A	11/14/07	11/16/07	11/17/07 10:25 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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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0711461

EPA Method SW8015C	Extraction SW3550C/3630C	BatchID: 31981	Spiked Sample ID: 0711461-034A

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	94.4	94	0.342	80.6	81.8	1.43	70 - 130	30	70 - 130	30
%SS:	108	50	90	97	7.09	74	77	4.36	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 31981 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0711461-034A	11/14/07	11/16/07	11/18/07 12:42 AM	0711461-036A	11/14/07	11/16/07	11/18/07 12:05 PM
0711461-037A	11/14/07	11/16/07	11/18/07 1:13 PM	0711461-038A	11/14/07	11/16/07	11/18/07 1:50 AM
0711461-039A	11/14/07	11/16/07	11/18/07 2:22 PM	0711461-040A	11/14/07	11/16/07	11/18/07 1:08 AM
0711461-041A	11/14/07	11/16/07	11/19/07 3:18 PM	0711461-042A	11/14/07	11/16/07	11/17/07 11:33 PM
0711461-043A	11/14/07	11/16/07	11/18/07 10:57 AM	0711461-071A	11/14/07	11/16/07	11/19/07 3:18 PM
0711461-072A	11/15/07	11/16/07	11/18/07 2:58 AM	0711461-073A	11/15/07	11/16/07	11/18/07 4:07 AM
0711461-075A	11/15/07	11/16/07	11/18/07 1:50 AM	0711461-077A	11/14/07	11/16/07	11/18/07 2:58 AM
0711461-078A	11/14/07	11/16/07	11/17/07 8:08 PM	0711461-079A	11/14/07	11/16/07	11/18/07 5:15 AM
0711461-080A	11/14/07	11/16/07	11/18/07 6:24 AM	0711461-081A	11/14/07	11/16/07	11/18/07 7:32 AM
0711461-083A	11/14/07	11/16/07	11/18/07 2:17 AM	0711461-084A	11/14/07	11/16/07	11/18/07 5:44 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

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0711461

EPA Method SW8015C	Extraction SW3550C/3630C	BatchID: 31983	Spiked Sample ID: 0711461-085A

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	90.9	92.7	1.99	85.2	86.5	1.51	70 - 130	30	70 - 130	30
%SS:	111	50	91	91	0	79	78	1.42	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 31983 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0711461-015A	11/15/07	11/19/07	11/19/07 8:56 PM	0711461-016A	11/15/07	11/19/07	11/19/07 7:48 PM
0711461-085A	11/14/07	11/16/07	11/17/07 10:25 PM	0711461-086A	11/14/07	11/16/07	11/18/07 1:08 AM
0711461-087A	11/14/07	11/16/07	11/17/07 11:33 PM	0711461-089A	11/13/07	11/16/07	11/19/07 1:51 PM
0711461-090A	11/13/07	11/16/07	11/17/07 11:59 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.

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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RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: # CLR 17123/ 0304; California Rental Co.	Date Sampled: 11/21/07
		Date Received: 11/21/07
	Client Contact: Steven Carmack	Date Reported: 11/28/07
	Client P.O.:	Date Completed: 11/28/07

WorkOrder: 0711589

November 28, 2007

Dear Steven:

Enclosed are:

1). the results of **1** analyzed sample from your **# CLR 17123/ 0304; California Rental Co. project,**

2). a QC report for the above sample

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

0711589

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: CLR 17123/ 0304

PROJECT NAME: California Linen Rental Co.

SAMPLED BY: (PRINTED AND SIGNATURE) Steve Carmack

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH-D/MO	PRESERVATIVE	REMARKS
MW7	11/2/07	1125	WATER		14	X	ICE	Norma Turnaround Time

ICE: 13.3
GOOD CONDITION ✓ APPROPRIATE
HEAD SPACE ABSENT ✓ CONTAINERS ✓
DECHLORINATED IN LAB ____ PRESERVED IN LAB ____
PRESERVATION: VOAS | O & G | METALS | OTHER

RELINQUISHED BY: (SIGNATURE)	DATE 11/2/07	TIME 1742	RECEIVED BY: (SIGNATURE)	TOTAL NO. OF SAMPLES (THIS SHIPMENT): 1
RELINQUISHED BY: (SIGNATURE)	DATE 11/2/07	TIME 2230	RECEIVED BY: (SIGNATURE) LI BURKS	TOTAL NO. OF CONTAINERS (THIS SHIPMENT): 14
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)	LABORATORY: McCampbell Analytical Inc
			LABORATORY CONTACT: ~~Stacie~~ Angela Rydelius	LABORATORY PHONE NUMBER: (877) 252-9262
			SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES (X)NO	

Please Send Lab Report + Invoice to paul.king@rgaenv.com
+ Invoice also to lisa.devito@rgaenv.com

REMARKS: VOAs preserved w/ HCL
Please run TPH-D/MO w/ "in-a-vial" silicagel cleanup included, Thanks

McCampbell Analytical, Inc.
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Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0711589 **ClientID: RGAE**

☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty

Report to:
Steven Carmack
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Email: paul.king@rgaenv.com; pdking0000@a
TEL: (510) 658-6916 FAX: (510) 834-0152
ProjectNo: # CLR 17123/ 0304; California Rental
PO:

Bill to:
Lisa Devito
RGA Environmental
1466 66th Street
Emeryville, CA 94608
invoices@rgaenv.com

Requested TAT: 5 days

Date Received: **11/21/2007**
Date Printed: **11/26/2007**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0711589-001	MW 7	Water	11/21/2007	☐	A											

Test Legend:

1	TPH(DMO)WSG_W	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Kimberly Burks

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

Sample Receipt Checklist

Client Name: **RGA Environmental**
Date and Time Received: **11/21/2007 5:27:35 PM**

Project Name: **# CLR 17123/ 0304; California Rental Co.**
Checklist completed and reviewed by: Kimberly Burks

WorkOrder N°: **0711589** Matrix Water
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 13.3°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

Client contacted: Date contacted: Contacted by:

Comments:

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

RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: # CLR 17123/ 0304; California Rental Co.	Date Sampled: 11/21/07
		Date Received: 11/21/07
	Client Contact: Steven Carmack	Date Extracted: 11/26/07
	Client P.O.:	Date Analyzed 11/27/07

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3510C/3630C Analytical methods: SW8015C Work Order: 0711589

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0711589-001A	MW 7	W	ND	ND	1	89

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; &) low or no surrogate due to matrix interference.

+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; j) reporting limit raised due to matrix interference; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0711589

EPA Method SW8015C **Extraction SW3510C/3630C** **BatchID: 32042** **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	90	97.4	7.90	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	107	96	11.3	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 32042 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0711589-001A	11/21/07 11:25 AM	11/26/07	11/27/07 9:29 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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Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #CLR17927/0304; California Linen-Oakland	Date Sampled: 11/13/07-11/14/07
		Date Received: 11/16/07
	Client Contact: Paul King	Date Reported: 11/28/07
	Client P.O.:	Date Completed: 12/03/07

WorkOrder: 0711461

December 03, 2007

Dear Paul:

Enclosed are:

1). the results of **7** analyzed samples from your **#CLR17927/0304; California Linen-Oakland project,**

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius, Lab Manager

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

RGA2

07114461

CHAIN OF CUSTODY RECORD

PAGE 1 OF 8

PROJECT NUMBER:	PROJECT NAME:
CLR 17927/0501	California Linen – Oakland

SAMPLED BY: (PRINTED AND SIGNATURE) Steven Flexser Steven Flexser

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH-D/MO w. Silica Gel Cleanup per Dawn Zemo	PAH by 8270	BTEX	CAM 17 Metals	TPHD/MO D2 w/ SGC 11/20/07	PRESERVATIVE	REMARKS
B13a-1.5	11/13/07		SOIL		1		X	X			ICE	Normal Turn Around
B13a-3.5	"		"		1		X	X			"	" " "
B13a-5.0	"		"		1						"	HOLD
B13a-7.0	"		"		1	X					"	Normal Turn Around
B14a-4.5	11/14/07		SOIL		1						"	HOLD
B14a-7.0	"		"		1						"	HOLD
B14a-12.0	"		"		1						"	HOLD
B15a-1.0	11/13/07		SOIL		1	X	X	X	⊗		"	Normal Turn Around
B15a-2.0	"		"		1	X	X	X			"	HOLD
~~B15a-3.0~~	~~"~~		~~"~~	NOT RECEIVED	~~1~~	~~X~~	~~X~~	~~X~~			~~"~~	~~Normal Turn Around~~
B15a-5.0	"		"		1	X					"	" " "
B15a-7.0	"		"		1	X					"	" " "
B15a-12.0	"		"		1	X					"	" " "
B15a-19.5	"		"		1	X					"	" " "

APPROPRIATE CONTAINERS / PRESERVED IN LAB / METALS ONLY / VOAs / PRESERVATION

ICE? NO
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)
Steven Flexser	11/16/07	25a	
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)
	11/16/07	430	
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)

TOTAL NO. OF SAMPLES (THIS SHIPMENT): 91
TOTAL NO. OF CONTAINERS (THIS SHIPMENT): 91

LABORATORY: McCampbell Analytical
LABORATORY CONTACT: Angela Rydelius
LABORATORY PHONE NUMBER: (877) 252-9262

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

Results and billing to:
RGA Environmental, Inc.
paul.king@rgaenv.com

REMARKS: Results to dazemo@zemoassociates.com
All TPH-D/MO w. Silica Gel Cleanup to be done per attached protocol from Dawn Zemo (1 page)

DK 11/19

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

CHAIN OF CUSTODY RECORD

Gal Cleanup per Dawn Zeno

PROJECT NUMBER: CLR 17927/0504 | PROJECT NAME: California Linen -- Oakland

SAMPLED BY: (PRINTED AND SIGNATURE) Steven Flexser Steven Flexser

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH-D/MO w/ Silica	PAH by 8270	BTEX	CAM 17 Metals	TPH DMO D2425G 11/20/07	PRESERVATIVE	REMARKS
B42a-5.0	11/14/07		SOIL		1	X	X	X		X	ICE	Normal Turn Around
B42a-7.0	"		"		1	X	X	X		X	"	" " "
B42a-12.0	"		"		1	X	X	X		X	"	" " "
B42a-19.5	"		"		1	X		X			"	" " "
B43a-1.0	11/15/07		SOIL		1		X				"	Normal Turn Around
B43a-3.0	"		"		1		X				"	" " "
B43a-5.0	"		"		1						"	HOLD
B44a-1.0	11/15/07		SOIL		1		X				"	Normal Turn Around
B44a-3.0	"		"		1		X				"	" " "
B44a-5.0	"		"		1						"	HOLD
B45a-1.0	11/13/07		SOIL		1			X			"	Normal Turn Around
B45a-2.5	"		"		1			X			"	" " "
B45a-5.0	"		"		1			X			"	" " "

RELINQUISHED BY: (SIGNATURE) Steven Flexser — DATE 11/16/07 — TIME 2:30 — RECEIVED BY: (SIGNATURE)

RELINQUISHED BY: (SIGNATURE) — DATE 11/16/07 — TIME 4:30 — RECEIVED BY: (SIGNATURE)

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

TOTAL NO. OF SAMPLES (THIS SHIPMENT): 91
TOTAL NO. OF CONTAINERS (THIS SHIPMENT): 91

LABORATORY: McCampbell Analytical

LABORATORY CONTACT: Angela Rydelius

LABORATORY PHONE NUMBER: (877) 252-9262

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

Results and billing to:
RGA Environmental, Inc.
paul.king@rgaenv.com

REMARKS:

ICE/T NU
GOOD CONDITION ✓ APPROPRIATE ✓
HEAD SPACE ABSENT ____ CONTAINERS ____
DECHLORINATED IN LAB ____ PRESERVED IN LAB ____

PRESERVATION	VOAS	O&G	METALS	OTHER

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

CHAIN OF CUSTODY RECORD

Silica Gel cleanup per Dawn Zemo

PROJECT NUMBER: CLR 17927/0501

PROJECT NAME: California Linen -- Oakland

SAMPLED BY: (PRINTED AND SIGNATURE) Steven Flexser Steven Flexser

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH-D/MO w/ SG	PAH by 8270	BTEX	CAM 17 Metals	TPH D/MO D2 w/SG 11/20/07		PRESERVATIVE	REMARKS
B59-1.0	11/14/07		Soil		1	X	X	X				ICE	Normal Turn Around
B59-3.0	11/14/07		"		1	X	X	X				"	" " "
B59-5.0	"		"		1	X		X				"	" " "
B59-7.0	"		"		1	X		X				"	" " "
B59-12.0	"		"		1	X		X				"	" " "
B59-19.5	"		"		1							"	HOLD
B60-1.0	11/14/07		Soil		1	X	X		X	⊗		"	Normal Turn Around
B60-3.0	"		"		1	X	X		X			"	" " "
B60-5.0	"		"		1	X		X				"	" " "
B60-7.0	"		"		1	X		X				"	" " "
B60-12.0	"		"		1	X		X				"	" " "
B60-19.5	"		"		1							"	HOLD

RELINQUISHED BY: (SIGNATURE) Steven Flexser	DATE 11/16/07	TIME 730	RECEIVED BY: (SIGNATURE)	TOTAL NO. OF SAMPLES (THIS SHIPMENT) 91 / TOTAL NO. OF CONTAINERS (THIS SHIPMENT) 91 — LABORATORY: McCampbell Analytical
RELINQUISHED BY: (SIGNATURE)	DATE 11/16/07	TIME 1830	RECEIVED BY: (SIGNATURE)	LABORATORY CONTACT: Angela Rydelius — LABORATORY PHONE NUMBER: (877) 252-9262
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)	SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES ( )NO

Results and billing to:
RGA Environmental, Inc.
paul.king@rgaenv.com

REMARKS:

ICE/t° N/A
GOOD CONDITION ✓ APPROPRIATE
HEAD SPACE ABSENT ✓ CONTAINERS ✓
DECHLORINATED IN LAB ✓ PRESERVED IN LAB ✓

PRESERVATION	VOAS	O&G	METALS	OTHER

McCampbell Analytical, Inc.
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Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 071146 A **ClientID: RGAE**

☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty

Report to:
Paul King
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Email: paul.king@rgaenv.com; pdking0000@
TEL: (510) 658-6916 FAX: (510) 834-0152
ProjectNo: #CLR17927/0304; California Linen-Oa
PO:

Bill to:
Lisa Devito
RGA Environmental
1466 66th Street
Emeryville, CA 94608
invoices@rgaenv.com

Requested TAT: 5 days
Date Received: **11/16/2007**
Date Add-On: **11/20/2007**
Date Printed: **11/26/2007**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0711461-008	B15a-1.0	Soil	11/13/07	☐	B											
0711461-040	B42a-5.0	Soil	11/14/07	☐	B											
0711461-041	B42a-7.0	Soil	11/14/07	☐	B											
0711461-042	B42a-12.0	Soil	11/14/07	☐	B											
0711461-083	B60-1.0	Soil	11/14/07	☐	B											

Test Legend:

1	TPH(DMO)WSG-DZ_S	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Elisa Venegas

Comments: 008-009 on hold per pk 11/19 &015-16 off hold 054 on hold, 067 and 68 off hold. Zemo extraction setup 11/20/07 2wk TAT

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 1466 66th Street Emeryville, CA 94608	Client Project ID: #CLR17927/0304; California Linen-Oakland	Date Sampled: 11/13/07-11/14/07
		Date Received: 11/16/07
	Client Contact: Paul King	Date Extracted: 11/16/07
	Client P.O.:	Date Analyzed: 11/27/07-12/02/07

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons Using Dawn Zemo Silica Gel Clean-Up*

Extraction method: SW3510C/3630C/Dawn Zemo Analytical methods: SW8015C Work Order: 0711461

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0711461-008B	B15a-1.0	S	38,g,b	250	1	94
0711461-040B	B42a-5.0	S	150,k,g	89	1	98
0711461-041B	B42a-7.0	S	140,k,g	160	5	102
0711461-042B	B42a-12.0	S	52,g,k	48	1	102
0711461-083B	B60-1.0	S	130,g,b	500	10	73

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; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; r) results are reported on a dry weight basis

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: 0711461

EPA Method SW8015C	Extraction SW3510C/3630C/Da	BatchID: 32080	Spiked Sample ID: 0711461-042B

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)	52	20	85.7	76.1	2.84	93.9	95.1	1.28	70 - 130	30	70 - 130	30
%SS:	102	50	91	88	3.88	91	92	1.57	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 32080 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0711461-008B	11/13/07	11/16/07	11/28/07 2:04 AM	0711461-040B	11/14/07	11/16/07	11/27/07 4:53 PM
0711461-041B	11/14/07	11/16/07	11/29/07 3:12 AM	0711461-042B	11/14/07	11/16/07	12/02/07 3:08 PM
0711461-083B	11/14/07	11/16/07	11/29/07 1:16 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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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: CLR17927/ 0304; California Linen Rentals	Date Sampled: 12/04/07-12/05/07
		Date Received: 12/05/07
	Client Contact: Steven Carmack	Date Reported: 12/12/07
	Client P.O.:	Date Completed: 12/12/07

WorkOrder: 0712111

December 12, 2007

Dear Steven:

Enclosed within are:

1) The results of the **16** analyzed samples from your project: **CLR17927/ 0304; California Linen**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

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

CHAIN OF CUSTODY RECORD

PROJECT NUMBER: CLR ~~17127~~ SL 17927/0304

PROJECT NAME: California Linen Rentals

SAMPLED BY: (PRINTED AND SIGNATURE) Steven Carmack

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): PAHs by 8270 SIM	Lead	PRESERVATIVE	REMARKS
B55-1.0	12/4/07		Soil		1	X		ICE	Normal Turnaround Time
B55-3.0	"		↓		1	X		↓	" " "
B62-1.0	12/4/07		Soil		1		X	ICE	Normal Turnaround Time
B62-3.0	↓		↓		1		X	↓	" " "
B62-5.0	↓		↓		1			↓	HOLD
B63-1.0	12/4/07		Soil		1		X	ICE	Normal Turnaround Time
B63-3.0	↓		↓		1		X	↓	" " "
B63-5.0	↓		↓		1			↓	HOLD
B64-1.0	12/4/07		Soil		1		X	ICE	Normal Turnaround Time
B64-3.0	↓		↓		1		X	↓	HOLD
B64-5.0	↓		↓		1			↓	SL

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	TOTAL NO. OF SAMPLES (THIS SHIPMENT): 11	LABORATORY: McCampbell Analytical
RELINQUISHED BY: (SIGNATURE)	12/5/07	4:15	RECEIVED BY: (SIGNATURE)	TOTAL NO. OF CONTAINERS (THIS SHIPMENT): 11	LABORATORY CONTACT: Angela Rydelius
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)		LABORATORY PHONE NUMBER: (877) 252-9262
					SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES (X)NO

Results and billing to:
RGA Environmental, Inc.
paul.king@rgaenv.com

* Invoice also to lisa.devito@rgaenv.com

REMARKS:

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

CHAIN OF CUSTODY RECORD

PROJECT NUMBER: CLR17927/0304

PROJECT NAME: California Linen Rentals

SAMPLED BY: (PRINTED AND SIGNATURE) Steve Carmack [signature]

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): Lead		TPH-d/mo w/ silica gel cleanup	PAHs by 8270	CAM17 Metals		PRESERVATIVE	REMARKS
B65-1.0	12/4/07		Soil		1	X						ICE	Normal Turnaround Time
B65-3.0	↓		↓		1	X						↓	" " "
B65-5.0	↓		↓		1	~~X~~	sic					↓	HOLD
B66-1.0	12/4/07		Soil		1	X						ICE	Normal Turnaround Time
B66-3.0	↓		↓		1	X						↓	" " "
B66-5.0	↓		↓		1	~~X~~	sic					↓	HOLD
B54-1.0	12/5/07		Soil		1				X	~~X~~	sic		Normal Turnaround Time
B54-3.0	↓		↓		1				X				" " "
B14a-1.0	12/5/07		Soil		1				X	X			Normal Turnaround Time
B14a-3.0	↓		↓		1				X	X			" " "

[illegible] per Ryan Zeno sic

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	TOTAL NO. OF SAMPLES (THIS SHIPMENT) / TOTAL NO. OF CONTAINERS (THIS SHIPMENT)	LABORATORY:
[signature]	12/5/07	330	[signature]	sic 6 10 / 8 10	McCampbell Analytical
RELINQUISHED BY: (SIGNATURE) [signature]	DATE 12/5/07	TIME 415	RECEIVED BY: (SIGNATURE) [signature]	LABORATORY CONTACT: Angela Rydelius	LABORATORY PHONE NUMBER: (877) 252-9262
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)	SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES (X)NO	

Results and billing to:
RGA Environmental, Inc.
paul.king@rgaenv.com

* Invoice also to lisadevito@rgaenv.com

REMARKS:

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0712111 **ClientID: RGAE**

☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty

Report to:
Steven Carmack
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Email: paul.king@rgaenv.com; pdking0000@a
TEL: (510) 658-6916 FAX: (510) 834-0152
ProjectNo: CLR17927/ 0304; California Linen Rent
PO:

Bill to:
Lisa Devito
RGA Environmental
1466 66th Street
Emeryville, CA 94608
lisa.devito@rgaenv.com

Requested TAT: 5 days

Date Received: **12/05/2007**
Date Printed: **12/05/2007**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0712111-001	B55-1.0	Soil	12/04/07	☐	A											
0712111-002	B55-3.0	Soil	12/04/07	☐	A											
0712111-003	B62-1.0	Soil	12/04/07	☐			A									
0712111-004	B62-3.0	Soil	12/04/07	☐			A									
0712111-006	B63-1.0	Soil	12/04/07	☐			A									
0712111-007	B63-3.0	Soil	12/04/07	☐			A									
0712111-009	B64-1.0	Soil	12/04/07	☐			A									
0712111-010	B64-3.0	Soil	12/04/07	☐			A									
0712111-012	B65-1.0	Soil	12/04/07	☐			A									
0712111-013	B65-3.0	Soil	12/04/07	☐			A									
0712111-015	B66-1.0	Soil	12/04/07	☐			A									
0712111-016	B66-3.0	Soil	12/04/07	☐			A									
0712111-018	B54-1.0	Soil	12/05/07	☐	A											
0712111-019	B54-3.0	Soil	12/05/07	☐	A											
0712111-020	B14a-1.0	Soil	12/05/07	☐	A	A										

Test Legend:

1	8270D-PNA_S	2	CAM17MS_S	3	PB_S	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: 0712111 **ClientID: RGAE**

☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty

Report to:
Steven Carmack
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Email: paul.king@rgaenv.com; pdking0000@a
TEL: (510) 658-6916 FAX: (510) 834-0152
ProjectNo: CLR17927/ 0304; California Linen Rent
PO:

Bill to:
Lisa Devito
RGA Environmental
1466 66th Street
Emeryville, CA 94608
lisa.devito@rgaenv.com

Requested TAT: 5 days

Date Received: **12/05/2007**
Date Printed: **12/05/2007**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0712111-021	B14a-3.0	Soil	12/05/07	☐	A	A										

Test Legend:

1	8270D-PNA_S	2	CAM17MS_S	3	PB_S	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

Sample Receipt Checklist

Client Name: **RGA Environmental**
Date and Time Received: **12/05/07 4:38:45 PM**

Project Name: **CLR17927/ 0304; California Linen Rentals**
Checklist completed and reviewed by: Ana Venegas

WorkOrder N°: **0712111** Matrix Soil
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp:		NA ☑
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

Client contacted: Date contacted: Contacted by:

Comments:

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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: CLR17927/ 0304; California Linen Rentals	Date Sampled: 12/04/07-12/05/07
		Date Received: 12/05/07
	Client Contact: Steven Carmack	Date Extracted: 12/05/07
	Client P.O.:	Date Analyzed 12/07/07

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

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0712111

Lab ID	0712111-001A	0712111-002A	0712111-018A	0712111-019A	Reporting Limit for DF =1	
Client ID	B55-1.0	B55-3.0	B54-1.0	B54-3.0		
Matrix	S	S	S	S		
DF	10	1	2	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Acenaphthene	ND<0.050	ND	ND<0.010	ND	0.005	NA
Acenaphthylene	ND<0.050	ND	ND<0.010	ND	0.005	NA
Anthracene	ND<0.050	ND	ND<0.010	ND	0.005	NA
Benzo(a)anthracene	ND<0.050	ND	ND<0.010	ND	0.005	NA
Benzo(a)pyrene	ND<0.050	ND	ND<0.010	ND	0.005	NA
Benzo(b)fluoranthene	ND<0.050	ND	ND<0.010	ND	0.005	NA
Benzo(g,h,i)perylene	ND<0.050	ND	ND<0.010	ND	0.005	NA
Benzo(k)fluoranthene	ND<0.050	ND	ND<0.010	ND	0.005	NA
Chrysene	ND<0.050	ND	ND<0.010	ND	0.005	NA
Dibenzo(a,h)anthracene	ND<0.050	ND	ND<0.010	ND	0.005	NA
Fluoranthene	ND<0.050	ND	ND<0.010	ND	0.005	NA
Fluorene	ND<0.050	ND	ND<0.010	ND	0.005	NA
Indeno (1,2,3-cd) pyrene	ND<0.050	ND	ND<0.010	ND	0.005	NA
1-Methylnaphthalene	ND<0.050	ND	ND<0.010	ND	0.005	NA
2-Methylnaphthalene	ND<0.050	ND	ND<0.010	ND	0.005	NA
Naphthalene	ND<0.050	ND	ND<0.010	ND	0.005	NA
Phenanthrene	ND<0.050	ND	ND<0.010	ND	0.005	NA
Pyrene	ND<0.050	ND	ND<0.010	ND	0.005	NA
Surrogate Recoveries (%)						
%SS1	95	79	77	78		
%SS2	82	78	71	78		
Comments	j		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 to high organic content/matrix interference; J) analyte detected below quantitation limits; p) see attached narrative; r) results are reported on a dry weight basis.

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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: CLR17927/ 0304; California Linen Rentals	Date Sampled: 12/04/07-12/05/07
		Date Received: 12/05/07
	Client Contact: Steven Carmack	Date Extracted: 12/05/07
	Client P.O.:	Date Analyzed 12/07/07

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

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0712111

Lab ID	0712111-020A	0712111-021A			Reporting Limit for DF =1	
Client ID	B14a-1.0	B14a-3.0				
Matrix	S	S				
DF	1	1			S	W
Compound	**Concentration**				mg/kg	ug/L
Acenaphthene	ND	ND			0.005	NA
Acenaphthylene	ND	ND			0.005	NA
Anthracene	ND	ND			0.005	NA
Benzo(a)anthracene	ND	ND			0.005	NA
Benzo(a)pyrene	ND	ND			0.005	NA
Benzo(b)fluoranthene	ND	ND			0.005	NA
Benzo(g,h,i)perylene	ND	ND			0.005	NA
Benzo(k)fluoranthene	ND	ND			0.005	NA
Chrysene	ND	ND			0.005	NA
Dibenzo(a,h)anthracene	ND	ND			0.005	NA
Fluoranthene	ND	ND			0.005	NA
Fluorene	ND	ND			0.005	NA
Indeno (1,2,3-cd) pyrene	ND	ND			0.005	NA
1-Methylnaphthalene	ND	ND			0.005	NA
2-Methylnaphthalene	ND	ND			0.005	NA
Naphthalene	ND	ND			0.005	NA
Phenanthrene	ND	ND			0.005	NA
Pyrene	ND	ND			0.005	NA
Surrogate Recoveries (%)						
%SS1	77	79				
%SS2	77	78				
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 to high organic content/matrix interference; J) analyte detected below quantitation limits; p) see attached narrative; r) results are reported on a dry weight basis.

McCampbell Analytical, Inc.
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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: CLR17927/ 0304; California Linen Rentals	Date Sampled: 12/05/07
		Date Received: 12/05/07
1466 66th Street	Client Contact: Steven Carmack	Date Extracted: 12/05/07
Emeryville, CA 94608	Client P.O.:	Date Analyzed 12/06/07

CAM / CCR 17 Metals*

Lab ID	0712111-020A	0712111-021A			Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	B14a-1.0	B14a-3.0				
Matrix	S	S			S	W
Extraction Type	TOTAL	TOTAL			mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B Work Order: 0712111

Dilution Factor	1	1			1	1
Antimony	1.4	1.4			0.5	NA
Arsenic	5.2	8.9			0.5	NA
Barium	180	230			5.0	NA
Beryllium	0.59	0.53			0.5	NA
Cadmium	0.44	0.43			0.25	NA
Chromium	49	47			0.5	NA
Cobalt	8.9	10			0.5	NA
Copper	29	25			0.5	NA
Lead	68	48			0.5	NA
Mercury	0.093	0.067			0.05	NA
Molybdenum	0.74	1.4			0.5	NA
Nickel	49	51			0.5	NA
Selenium	0.68	ND			0.5	NA
Silver	ND	ND			0.5	NA
Thallium	ND	ND			0.5	NA
Vanadium	45	46			0.5	NA
Zinc	140	66			5.0	NA
%SS:	101	100				

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.

TOTAL = acid digestion.

WET = Waste Extraction Test (STLC).

DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL^ metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; J) analyte detected below quantitation limits; 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.

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 1466 66th Street Emeryville, CA 94608	Client Project ID: CLR17927/ 0304; California Linen Rentals	Date Sampled: 12/04/07
		Date Received: 12/05/07
	Client Contact: Steven Carmack	Date Extracted: 12/05/07
	Client P.O.:	Date Analyzed 12/06/07

Lead by ICP*

Extraction method SW3050B Analytical methods 6010C Work Order: 0712111

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS
0712111-003A	B62-1.0	S	TOTAL	93	1	93
0712111-004A	B62-3.0	S	TOTAL	7.7	1	93
0712111-006A	B63-1.0	S	TOTAL	15	1	105
0712111-007A	B63-3.0	S	TOTAL	6.7	1	94
0712111-009A	B64-1.0	S	TOTAL	13	1	95
0712111-010A	B64-3.0	S	TOTAL	8.2	1	92
0712111-012A	B65-1.0	S	TOTAL	75	1	95
0712111-013A	B65-3.0	S	TOTAL	63	1	98
0712111-015A	B66-1.0	S	TOTAL	8.1	1	94
0712111-016A	B66-3.0	S	TOTAL	7.6	1	99

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

*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.

TOTAL = acid digestion.

WET = Waste Extraction Test (STLC).

DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL 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.

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

QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0712111

EPA Method SW8270C	Extraction SW3550C	BatchID: 32255	Spiked Sample ID: 0712019-004A

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
Benzo(a)pyrene	ND	0.10	80.9	84.7	4.59	82.9	83.1	0.230	30 - 130	30	30 - 130	30
Chrysene	ND	0.10	84.1	85.5	1.70	90.5	90.8	0.363	30 - 130	30	30 - 130	30
1-Methylnaphthalene	ND	0.10	90.2	90.7	0.483	93.6	94.3	0.739	30 - 130	30	30 - 130	30
2-Methylnaphthalene	ND	0.10	84.5	85.9	1.70	89.5	90.4	1.03	30 - 130	30	30 - 130	30
Phenanthrene	ND	0.10	92.8	95.3	2.66	101	101	0	30 - 130	30	30 - 130	30
Pyrene	ND	0.10	81.8	83.3	1.82	85.5	84.9	0.701	30 - 130	30	30 - 130	30
%SS1:	88	0.050	83	83	0	95	95	0	30 - 130	30	30 - 130	30
%SS2:	85	0.050	79	80	1.27	94	93	0.247	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 32255 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0712111-001A	12/04/07	12/05/07	12/07/07 9:09 AM	0712111-002A	12/04/07	12/05/07	12/07/07 2:22 AM
0712111-018A	12/05/07	12/05/07	12/07/07 11:56 AM	0712111-019A	12/05/07	12/05/07	12/07/07 3:43 AM
0712111-020A	12/05/07	12/05/07	12/07/07 5:05 AM	0712111-021A	12/05/07	12/05/07	12/07/07 6:26 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 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 6020A

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0712111

EPA Method 6020A **Extraction SW3050B** **BatchID: 32319** **Spiked Sample ID 0712111-021A**

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	1.4	50	113	115	1.52	10	96.7	98.6	1.91	70 - 130	20	80 - 120	20
Arsenic	8.9	50	101	103	0.951	10	101	98.2	2.57	70 - 130	20	80 - 120	20
Barium	230	500	105	107	1.08	100	96.2	97.9	1.77	70 - 130	20	80 - 120	20
Beryllium	0.53	50	89.3	91.4	2.23	10	100	102	1.58	70 - 130	20	80 - 120	20
Cadmium	0.43	50	99.6	102	2.36	10	99	100	1.09	70 - 130	20	80 - 120	20
Chromium	47	50	94.7	95.3	0.348	10	95.4	96.3	0.897	70 - 130	20	80 - 120	20
Cobalt	10	50	93.5	94.2	0.612	10	96	97.1	1.15	70 - 130	20	80 - 120	20
Copper	25	50	101	102	0.239	10	97.4	98.2	0.869	70 - 130	20	80 - 120	20
Lead	48	50	104	107	1.49	10	95.3	96.8	1.59	70 - 130	20	80 - 120	20
Mercury	0.067	1.25	98.2	100	1.99	0.25	98.4	101	2.69	70 - 130	20	80 - 120	20
Molybdenum	1.4	50	99.2	103	3.66	10	93.7	96.1	2.50	70 - 130	20	80 - 120	20
Nickel	51	50	103	105	0.871	10	82.5	82.8	0.351	70 - 130	20	80 - 120	20
Selenium	ND	50	99.6	100	0.694	10	98.2	97.8	0.408	70 - 130	20	80 - 120	20
Silver	ND	50	95.1	98	2.97	10	93.4	94.9	1.59	70 - 130	20	80 - 120	20
Thallium	ND	50	101	103	2.20	10	96.4	97.8	1.39	70 - 130	20	80 - 120	20
Vanadium	46	50	97.7	97.4	0.158	10	95.6	97	1.45	70 - 130	20	80 - 120	20
Zinc	66	500	99.4	101	1.37	100	98.5	100	1.48	70 - 130	20	80 - 120	20
%SS:	100	250	104	105	1.04	250	95	96	0.963	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 32319 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0712111-020A	12/05/07	12/05/07	12/06/07 11:22 PM	0712111-021A	12/05/07	12/05/07	12/06/07 10:11 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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Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR 6010C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0712111

EPA Method 6010C **Extraction SW3050B** **BatchID: 32318** **Spiked Sample ID 0712111-016A**

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
Lead	7.6	50	95	92.1	2.67	10	89.4	95.2	6.26	75 - 125	20	80 - 120	20
%SS:	99	250	101	102	0.394	250	92	93	1.16	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 32318 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0712111-003A	12/04/07	12/05/07	12/06/07 3:26 PM	0712111-004A	12/04/07	12/05/07	12/06/07 3:28 PM
0712111-006A	12/04/07	12/05/07	12/06/07 5:37 PM	0712111-007A	12/04/07	12/05/07	12/06/07 3:33 PM
0712111-009A	12/04/07	12/05/07	12/06/07 3:36 PM	0712111-010A	12/04/07	12/05/07	12/06/07 3:38 PM
0712111-012A	12/04/07	12/05/07	12/06/07 3:40 PM	0712111-013A	12/04/07	12/05/07	12/06/07 3:43 PM
0712111-015A	12/04/07	12/05/07	12/06/07 3:45 PM	0712111-016A	12/04/07	12/05/07	12/06/07 5:21 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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Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #CLR17927/0304; California Linen-Oakland	Date Sampled:
		Date Received:
	Client Contact: Paul King	Date Reported: 11/28/07
	Client P.O.:	Date Completed: 12/18/07

WorkOrder: 0711461

December 18, 2007

Dear Paul:

Enclosed within are:

1) The results of the **2** analyzed samples from your project: **#CLR17927/0304; California Linen-**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

Rgae

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

0711461

CHAIN OF CUSTODY RECORD

PROJECT NUMBER: CLR 17927/0304

PROJECT NAME: California Linen - Oakland

SAMPLED BY: (PRINTED AND SIGNATURE) Steven Flexser [signature]

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	TPH-D/MO w/ Silica Gel Cleanup per Dawn Zemo	PAH by 8270	BTEX	CAM 17 Metals	TPH/DMO D2 w/S.G 11/20/07	Pb 11/30/07 5d	PRESERVATIVE	REMARKS
B13a-1.5	11/13/07		SOIL		1		X		X			ICE	Normal Turn Around
B13a-3.5	"		"		1		X		X			"	" " "
B13a-5.0	"		"		1						⊗	"	[illegible]
B13a-7.0	"		"		1	X						"	Normal Turn Around
B14a-4.5	11/14/07		Soil		1							"	HOLD
B14a-7.0	"		"		1							"	HOLD
B14a-12.0	"		"		1							"	HOLD
*B15a-1.0	11/13/07		Soil		1	X	X		X	⊗		"	Normal Turn Around
*B15a-2.0	"		"		1	X	X		X			"	HOLD
~~B15a-3.0~~	~~"~~		~~"~~	NOT RECEIVED	~~1~~	~~X~~	~~X~~		~~X~~			~~"~~	Normal Turn Around
B15a-5.0	"		"		1	X						"	" " "
B15a-7.0	"		"		1	X						"	" " "
B15a-12.0	"		"		1	X						"	" " "
B15a-19.5	"		"		1	X						"	" " "

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)
Steven Flexser	11/16/07	230	
	11/16/07	430	
			RECEIVED FOR LABORATORY BY: (SIGNATURE)

TOTAL NO. OF SAMPLES (THIS SHIPMENT): 91

TOTAL NO. OF CONTAINERS (THIS SHIPMENT): 91

LABORATORY: McCampbell Analytical

LABORATORY CONTACT: Angela Rydelius

LABORATORY PHONE NUMBER: (877) 252-9262

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

Results and billing to:
RGA Environmental, Inc.
paul.king@rgaenv.com

REMARKS: Results to dazemo@zemoassociates.com
All TPH-D/MO w/ Silica Gel Clean up to be done per attached protocol from Dawn Zemo (1 page)

ICE/t° NO

* on HOLD PER

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

Cleanup per Dawn Zeno

CHAIN OF CUSTODY RECORD

PROJECT NUMBER: CLR 17927/05011

PROJECT NAME: California Linen -- Oakland

SAMPLED BY: (PRINTED AND SIGNATURE) Steven Flexser Steven Flexser

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH-D/MO w/ Silica Gel	PAH by 8270	BTEX	CAM 17 Metals PB 11/30/07 SG	PRESERVATIVE	REMARKS
B47a-3.5	11/13/07		SOIL		1			X		TCE	Normal Turn Around
* B47a-4.5	"		"		1			X		"	" " "
B47a-6.0	"		"		1					"	HOLD
B49-1.0	11/14/07		SOIL		1		X	X		"	Normal Turn Around
B49-3.0	↓		"		1		X	X		"	" " "
B49-5.0	↓		"		1				⊗	"	~~HOLD~~
B50-1.0	11/14/07		SOIL		1		X	X		"	Normal Turn Around
B50-3.0	↓		"		1		X	X		"	" " "
B50-5.0	↓		"		1					"	HOLD
B51-4.5	11/14/07		SOIL		1					"	HOLD
B54-4.5	11/13/07		SOIL		1					"	HOLD

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)
Steve Flexser	11/16/07	2300	
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)
	11/16/07	1430	
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)

TOTAL NO. OF SAMPLES (THIS SHIPMENT): 91
TOTAL NO. OF CONTAINERS (THIS SHIPMENT): 91

LABORATORY: McCampbell Analytical

LABORATORY CONTACT: Angela Rydelius

LABORATORY PHONE NUMBER: (877) 252-9262

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

Results and billing to:
RGA Environmental, Inc.
paul.king@rgaenv.com

REMARKS: *on hold per PK 11/19

GOOD CONDITION ✓ APPROPRIATE CONTAINERS ✓
HEAD SPACE ABSENT ✓ PRESERVED IN LAB ✓
DECHLORINATED 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: 071146 C **ClientID: RGAE**

☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty

Report to:
Paul King
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Email: paul.king@rgaenv.com; pdking0000@
TEL: (510) 658-6916 FAX: (510) 834-0152
ProjectNo: #CLR17927/0304; California Linen-Oa
PO:

Bill to:
Lisa Devito
RGA Environmental
1466 66th Street
Emeryville, CA 94608
lisa.devito@rgaenv.com

Requested TAT: 5 days
Date Received: **11/16/2007**
Date Add-On: **11/30/2007**
Date Printed: **11/30/2007**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0711461-003	B13a-5.0	Soil	11/13/07	☐	A											
0711461-058	B49-5.0	Soil	11/14/07	☐	A											

Test Legend:

1	PB_S	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Elisa Venegas

Comments: 008-009 on hold per pk 11/19 &015-16 off hold 054 on hold, 067 and 68 off hold. Zemo extraction setup 11/20/07 2wk TAT

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 1466 66th Street Emeryville, CA 94608	Client Project ID: #CLR17927/0304; California Linen-Oakland	Date Sampled: 11/13/07-11/14/07
		Date Received: 11/16/07
	Client Contact: Paul King	Date Extracted: 11/30/07
	Client P.O.:	Date Analyzed 12/03/07

Lead by ICP*

Extraction method SW3050B Analytical methods 6010C Work Order: 0711461

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS
0711461-003A	B13a-5.0	S	TOTAL	11	1	100
0711461-058A	B49-5.0	S	TOTAL	6.6	1	102

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

*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.

TOTAL = acid digestion.

WET = Waste Extraction Test (STLC).

DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL 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.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR 6010C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0711461

EPA Method 6010C **Extraction SW3050B** **BatchID: 32172** **Spiked Sample ID 0711696-014A**

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
Lead	9.6	50	102	101	0.414	10	106	103	2.46	75 - 125	20	80 - 120	20
%SS:	95	250	99	97	2.38	250	93	92	0.682	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 32172 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0711461-003A	11/13/07	11/30/07	2/03/07 11:16 AM	0711461-058A	11/14/07	11/30/07	12/03/07 9:11 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.

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

RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #CLR17927/0304; California Linen-Oakland	Date Sampled: 12/10/07
		Date Received: 12/11/07
	Client Contact: Steve Carmack	Date Reported: 12/20/07
	Client P.O.:	Date Completed: 12/20/07

WorkOrder: 0712328

December 20, 2007

Dear Steve:

Enclosed within are:

1) The results of the **4** analyzed samples from your project **#CLR17927/0304; California Linen**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

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

07/2328

CHAIN OF CUSTODY RECORD

Run Zero

PAGE 1 OF 1

PROJECT NUMBER:	PROJECT NAME:
CLR17927/0304	California Linen-Oakland

SAMPLED BY: (PRINTED AND SIGNATURE)
Steve Carmack

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH-D/MO w/Silica Gel Cleanup	PAHs by 8270	PRESERVATIVE	REMARKS
B53-3.0	12/10/07	1110	Soil		1	X	X	ICE	Normal Turnaround Time
B53-5.0	"	1130	"		1	X	X	"	" " "
B53-7.0	"	1150	"		1	X	X	"	" " "
B53-12.0	"	1330	"		1	X	X	"	HOLD PAHs

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)
	12/10/07	2000	
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)
	12/11/07	459	
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)

TOTAL NO. OF SAMPLES (THIS SHIPMENT): 4
TOTAL NO. OF CONTAINERS (THIS SHIPMENT): 4

LABORATORY: McCampbell Analytical Inc.
LABORATORY CONTACT: Angela Rydelius
LABORATORY PHONE NUMBER: (877) 252-9262

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

Results and billing to:
RGA Environmental, Inc.
paul.king@rgaenv.com
+ Invoice also to lisa.devitt@rgaenv.com

REMARKS:

ICE/T 72
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

72

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: 0712328 **ClientID: RGAE**

☐ EDF ☐ Excel ☐ 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: #CLR17927/0304; California Linen-Oa
PO:

Bill to:
Lisa Devito
RGA Environmental
1466 66th Street
Emeryville, CA 94608
lisa.devito@rgaenv.com

Requested TAT: 5 days

Date Received: **12/11/2007**
Date Printed: **12/11/2007**

					Requested Tests (See legend below)											
Sample ID	ClientSampID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
0712328-001	B53-3.0	Soil	12/10/07 11:10:00	☐	A	A										
0712328-002	B53-5.0	Soil	12/10/07 11:30:00	☐	A	A										
0712328-003	B53-7.0	Soil	12/10/07 11:50:00	☐	A	A										
0712328-004	B53-12.0	Soil	12/10/07 1:30:00	☐	A	A										

Test Legend:

1	8270D-PNA_S	2	TPH(DMO)WSG-DZ_S	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Elisa 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

Sample Receipt Checklist

Client Name: **RGA Environmental**
Date and Time Received: **12/11/07 6:03:22 PM**

Project Name: **#CLR17927/0304; California Linen-Oakland**
Checklist completed and reviewed by: Elisa Venegas

WorkOrder N°: **0712328** Matrix Soil
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 7.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

Client contacted: Date contacted: Contacted by:

Comments:

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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: #CLR17927/0304; California Linen-Oakland	Date Sampled: 12/10/07
		Date Received: 12/11/07
	Client Contact: Steve Carmack	Date Extracted: 12/11/07
	Client P.O.:	Date Analyzed 12/19/07-12/20/07

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

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0712328

Lab ID	0712328-001A	0712328-002A	0712328-003A		Reporting Limit for DF =1	
Client ID	B53-3.0	B53-5.0	B53-7.0			
Matrix	S	S	S			
DF	1	1	2		S	W
Compound	**Concentration**				mg/kg	ug/L
Acenaphthene	ND	ND	0.015		0.005	NA
Acenaphthylene	ND	ND	ND<0.010		0.005	NA
Anthracene	ND	ND	0.046		0.005	NA
Benzo(a)anthracene	ND	ND	ND<0.010		0.005	NA
Benzo(a)pyrene	ND	ND	ND<0.010		0.005	NA
Benzo(b)fluoranthene	ND	ND	ND<0.010		0.005	NA
Benzo(g,h,i)perylene	ND	ND	ND<0.010		0.005	NA
Benzo(k)fluoranthene	ND	ND	ND<0.010		0.005	NA
Chrysene	ND	ND	ND<0.010		0.005	NA
Dibenzo(a,h)anthracene	ND	ND	ND<0.010		0.005	NA
Fluoranthene	0.0067	ND	0.012		0.005	NA
Fluorene	ND	ND	0.086		0.005	NA
Indeno (1,2,3-cd) pyrene	ND	ND	ND<0.010		0.005	NA
1-Methylnaphthalene	ND	ND	ND<0.010		0.005	NA
2-Methylnaphthalene	ND	ND	ND<0.010		0.005	NA
Naphthalene	ND	ND	ND<0.010		0.005	NA
Phenanthrene	ND	ND	ND<0.010		0.005	NA
Pyrene	0.0063	ND	0.020		0.005	NA
Surrogate Recoveries (%)						
%SS1	93	91	108			
%SS2	117	115	103			
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 to high organic content/matrix interference; J) analyte detected below quantitation limits; p) see attached narrative; r) results are reported on a dry weight basis.

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

RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #CLR17927/0304; California Linen-Oakland	Date Sampled: 12/10/07
		Date Received: 12/11/07
	Client Contact: Steve Carmack	Date Extracted: 12/11/07
	Client P.O.:	Date Analyzed 12/18/07-12/20/07

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons Using Dawn Zemo Silica Gel Clean-Up*

Extraction method: SW3510C/3630C/Dawn Zemo Analytical methods: SW8015C Work Order: 0712328

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0712328-001A	B53-3.0	S	8.4,g,b	11	1	81
0712328-002A	B53-5.0	S	1.7,b	ND	1	91
0712328-003A	B53-7.0	S	550,a	230	5	84
0712328-004A	B53-12.0	S	22,a	11	1	86

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; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; r) results are reported on a dry weight basis

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0712328

EPA Method: SW8270C	Extraction: SW3550C	BatchID: 32412	Spiked Sample ID: 0712244-006A

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	0.027	0.10	100	95.1	3.91	84	85.2	1.51	30 - 130	30	30 - 130	30
Chrysene	0.028	0.10	97.1	101	3.18	93.4	91.6	2.00	30 - 130	30	30 - 130	30
1-Methylnaphthalene	ND<0.010	0.10	128	126	1.57	82.2	89.6	8.53	30 - 130	30	30 - 130	30
2-Methylnaphthalene	ND<0.010	0.10	106	110	3.39	80.6	80.9	0.413	30 - 130	30	30 - 130	30
Phenanthrene	0.019	0.10	105	110	3.78	101	99.6	1.12	30 - 130	30	30 - 130	30
Pyrene	0.030	0.10	123	128	2.95	82	80.4	1.88	30 - 130	30	30 - 130	30
%SS1:	105	0.050	80	86	7.47	107	107	0	30 - 130	30	30 - 130	30
%SS2:	89	0.050	92	97	5.59	102	102	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 32412 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0712328-001A	12/10/07 11:10 AM	12/11/07	12/19/07 12:45 AM	0712328-002A	12/10/07 11:30 AM	12/11/07	12/19/07 2:06 AM
0712328-003A	12/10/07 11:50 AM	12/11/07	12/20/07 5:24 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: 0712328

EPA Method: SW8015C	Extraction: SW3510C/3630C/Da	BatchID: 32468	Spiked Sample ID: 0712328-001A

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(d)	8.4	20	105	109	2.41	106	105	0.696	70 - 130	30	70 - 130	30
%SS:	81	50	127	127	0	130	127	1.93	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 32468 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0712328-001A	12/10/07 11:10 AM	12/11/07	12/19/07 12:14 AM	0712328-002A	12/10/07 11:30 AM	12/11/07	12/18/07 7:25 PM
0712328-003A	12/10/07 11:50 AM	12/11/07	12/19/07 3:25 AM	0712328-004A	12/10/07 1:30 PM	12/11/07	12/20/07 3:23 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

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RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: CLR17927/ 0304; California Linen Rentals	Date Sampled: 12/06/07
		Date Received: 12/07/07
	Client Contact: Steven Carmack	Date Reported: 12/21/07
	Client P.O.:	Date Completed: 12/21/07

WorkOrder: 0712244

December 21, 2007

Dear Steven:

Enclosed within are:

1) The results of the **6** analyzed samples from your project: **CLR17927/ 0304; California Linen**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

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

0712244

3.4

CHAIN OF CUSTODY RECORD

PROJECT NUMBER: CLR17927/0304

PROJECT NAME: California Linen Rentals

SAMPLED BY: (PRINTED AND SIGNATURE) Steve Carmack [signature]

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): PAHs by 8270SIM		CAM17 Metals					PRESERVATIVE	REMARKS
B29a-1.5	12/6/07	1045	Soil		1	X		X					ICE	Normal Turnaround Time
B30a-1.0	12/6/07	950	Soil		1	X		X					ICE	" " "
B47a-2.0	12/6/07	1155	Soil		1			X					ICE	" " "
B51-2.0	12/6/07	1245	Soil		1	X		X					ICE	" " "
B52 ~~5.0~~ 1.5	12/6/07	1410	Soil		1	X		X					ICE	" " "
B52-3.0	↓	1430	↓		1	X		X					"	" " "
B52-5.0	↓	1445	↓		1	X		X					"	← HOLD

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	
[signature]	12/7/07	527	[signature]	TOTAL NO. OF SAMPLES (THIS SHIPMENT): 7; TOTAL NO. OF CONTAINERS (THIS SHIPMENT): 7; LABORATORY: McCampbell Analytical Inc
[signature]	12/7/07	630		LABORATORY CONTACT: Angela Rydelius; LABORATORY PHONE NUMBER: (877) 252-9262
	12/7	1830	RECEIVED FOR LABORATORY BY: (SIGNATURE) [signature]	SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES (X)NO

Results and billing to:
RGA Environmental, Inc.
paul.king@rgaenv.com
+ invoice also to lisa.devito@rgaenv.com

REMARKS:

ICE / t° 3.4
GOOD CONDITION yes
HEAD SPACE ABSENT ____
DECHLORINATED IN LAB ____
APPROPRIATE CONTAINERS yes
PRESERVED IN LAB ____
VOAS | O & G | METALS | OTHER |
PRESERVATION

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0712244 **ClientID: RGAE**

☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty

Report to:
Steven Carmack
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Email: paul.king@rgaenv.com; pdking0000@a
TEL: (510) 547-7771 FAX: (510) 547-1983
ProjectNo: CLR17927/ 0304; California Linen Rent
PO:

Bill to:
Lisa Devito
RGA Environmental
1466 66th Street
Emeryville, CA 94608
lisa.devito@rgaenv.com

Requested TAT: 5 days

Date Received: **12/07/2007**
Date Printed: **12/11/2007**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0712244-001	B29a-1.5	Soil	12/6/07 10:45:00	☐	A	A										
0712244-002	B30a-1.5	Soil	12/6/07 9:50:00	☐	A	A										
0712244-003	B47a-2.0	Soil	12/6/07 11:55:00	☐		A										
0712244-004	B51-2.0	Soil	12/6/07 12:45:00	☐	A	A										
0712244-005	B52-1.5	Soil	12/6/07 2:10:00	☐	A	A										
0712244-006	B52-3.0	Soil	12/6/07 2:30:00	☐	A	A										

Test Legend:

1	8270D-PNA_S	2	CAM17MS_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.

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

Sample Receipt Checklist

Client Name: **RGA Environmental**

Date and Time Received: **12/7/07 7:14:32 PM**

Project Name: **CLR17927/ 0304; California Linen Rentals**

Checklist completed and reviewed by: Rosa Venegas

WorkOrder N°: **0712244** Matrix Soil

Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 3.4°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

Client contacted: Date contacted: Contacted by:

Comments:

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RGA Environmental	Client Project ID: CLR17927/ 0304; California Linen Rentals	Date Sampled: 12/06/07
1466 66th Street		Date Received: 12/07/07
Emeryville, CA 94608	Client Contact: Steven Carmack	Date Extracted: 12/07/07
	Client P.O.:	Date Analyzed 12/18/07-12/19/07

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

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0712244

Lab ID	0712244-001A	0712244-002A	0712244-004A	0712244-005A	Reporting Limit for DF =1	
Client ID	B29a-1.5	B30a-1.5	B51-2.0	B52-1.5		
Matrix	S	S	S	S		
DF	2	1	1	5	S	W
Compound	**Concentration**				mg/kg	ug/L
Acenaphthene	ND<0.010	ND	ND	ND<0.025	0.005	NA
Acenaphthylene	ND<0.010	ND	ND	ND<0.025	0.005	NA
Anthracene	ND<0.010	ND	ND	ND<0.025	0.005	NA
Benzo(a)anthracene	ND<0.010	0.014	ND	ND<0.025	0.005	NA
Benzo(a)pyrene	ND<0.010	0.019	ND	ND<0.025	0.005	NA
Benzo(b)fluoranthene	ND<0.010	0.013	ND	ND<0.025	0.005	NA
Benzo(g,h,i)perylene	ND<0.010	0.013	ND	ND<0.025	0.005	NA
Benzo(k)fluoranthene	ND<0.010	0.021	ND	ND<0.025	0.005	NA
Chrysene	ND<0.010	0.019	ND	ND<0.025	0.005	NA
Dibenzo(a,h)anthracene	ND<0.010	0.0068	ND	ND<0.025	0.005	NA
Fluoranthene	ND<0.010	0.026	ND	ND<0.025	0.005	NA
Fluorene	ND<0.010	ND	ND	ND<0.025	0.005	NA
Indeno (1,2,3-cd) pyrene	ND<0.010	0.013	ND	ND<0.025	0.005	NA
1-Methylnaphthalene	ND<0.010	ND	ND	ND<0.025	0.005	NA
2-Methylnaphthalene	ND<0.010	ND	ND	ND<0.025	0.005	NA
Naphthalene	ND<0.010	ND	ND	ND<0.025	0.005	NA
Phenanthrene	ND<0.010	0.0096	ND	ND<0.025	0.005	NA
Pyrene	ND<0.010	0.027	ND	ND<0.025	0.005	NA
Surrogate Recoveries (%)						
%SS1	94	86	87	104		
%SS2	108	108	109	123		
Comments	j			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 to high organic content/matrix interference; J) analyte detected below quantitation limits; p) see attached narrative; r) results are reported on a dry weight basis.

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

RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: CLR17927/ 0304; California Linen Rentals	Date Sampled: 12/06/07
		Date Received: 12/07/07
	Client Contact: Steven Carmack	Date Extracted: 12/07/07
	Client P.O.:	Date Analyzed 12/18/07-12/19/07

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

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0712244

Lab ID	0712244-006A				Reporting Limit for DF =1	
Client ID	B52-3.0					
Matrix	S					
DF	2				S	W
Compound	**Concentration**				mg/kg	ug/L
Acenaphthene	ND<0.010				0.005	NA
Acenaphthylene	ND<0.010				0.005	NA
Anthracene	ND<0.010				0.005	NA
Benzo(a)anthracene	0.021				0.005	NA
Benzo(a)pyrene	0.027				0.005	NA
Benzo(b)fluoranthene	0.022				0.005	NA
Benzo(g,h,i)perylene	0.025				0.005	NA
Benzo(k)fluoranthene	0.020				0.005	NA
Chrysene	0.028				0.005	NA
Dibenzo(a,h)anthracene	0.011				0.005	NA
Fluoranthene	0.035				0.005	NA
Fluorene	ND<0.010				0.005	NA
Indeno (1,2,3-cd) pyrene	0.023				0.005	NA
1-Methylnaphthalene	ND<0.010				0.005	NA
2-Methylnaphthalene	ND<0.010				0.005	NA
Naphthalene	ND<0.010				0.005	NA
Phenanthrene	0.019				0.005	NA
Pyrene	0.030				0.005	NA
Surrogate Recoveries (%)						
%SS1	112					
%SS2	111					
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 to high organic content/matrix interference; J) analyte detected below quantitation limits; p) see attached narrative; r) results are reported on a dry weight basis.

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

RGA Environmental	Client Project ID: CLR17927/ 0304; California Linen Rentals	Date Sampled: 12/06/07
		Date Received: 12/07/07
1466 66th Street	Client Contact: Steven Carmack	Date Extracted: 12/07/07
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 12/11/07

CAM / CCR 17 Metals*

Lab ID	0712244-001A	0712244-002A	0712244-003A	0712244-004A	Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	B29a-1.5	B30a-1.5	B47a-2.0	B51-2.0		
Matrix	S	S	S	S	S	W
Extraction Type	TOTAL	TOTAL	TOTAL	TOTAL	mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B Work Order: 0712244

Dilution Factor	1	1	1	1	1	1
Antimony	0.70	0.92	1.7	1.2	0.5	NA
Arsenic	5.8	8.7	6.6	7.1	0.5	NA
Barium	190	200	410	210	5.0	NA
Beryllium	ND	0.50	ND	ND	0.5	NA
Cadmium	ND	0.82	1.1	0.49	0.25	NA
Chromium	44	47	70	52	0.5	NA
Cobalt	15	9.8	7.9	9.6	0.5	NA
Copper	27	34	32	42	0.5	NA
Lead	35	36	4800	110	0.5	NA
Mercury	0.52	0.15	0.60	0.59	0.05	NA
Molybdenum	0.57	0.52	0.83	1.2	0.5	NA
Nickel	39	52	48	58	0.5	NA
Selenium	ND	ND	ND	0.61	0.5	NA
Silver	ND	ND	ND	ND	0.5	NA
Thallium	ND	ND	ND	ND	0.5	NA
Vanadium	49	53	44	47	0.5	NA
Zinc	71	140	750	130	5.0	NA
%SS:	98	94	98	94		

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.

TOTAL = acid digestion.

WET = Waste Extraction Test (STLC).

DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL^ metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; J) analyte detected below quantitation limits; 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.

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: CLR17927/ 0304; California Linen Rentals	Date Sampled: 12/06/07
		Date Received: 12/07/07
1466 66th Street	Client Contact: Steven Carmack	Date Extracted: 12/07/07
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 12/11/07

CAM / CCR 17 Metals*

Lab ID	0712244-005A	0712244-006A			Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	B52-1.5	B52-3.0				
Matrix	S	S			S	W
Extraction Type	TOTAL	TOTAL			mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B Work Order: 0712244

Dilution Factor	1	1			1	1
Antimony	2.8	1.9			0.5	NA
Arsenic	33	8.4			0.5	NA
Barium	95	1300			5.0	NA
Beryllium	0.62	ND			0.5	NA
Cadmium	0.33	0.71			0.25	NA
Chromium	14	490			0.5	NA
Cobalt	9.2	11			0.5	NA
Copper	27	54			0.5	NA
Lead	51	2500			0.5	NA
Mercury	0.34	0.22			0.05	NA
Molybdenum	1.2	1.0			0.5	NA
Nickel	15	63			0.5	NA
Selenium	1.1	ND			0.5	NA
Silver	ND	ND			0.5	NA
Thallium	1.4	ND			0.5	NA
Vanadium	49	48			0.5	NA
Zinc	160	360			5.0	NA
%SS:	101	95				

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.

TOTAL = acid digestion.

WET = Waste Extraction Test (STLC).

DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL^ metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; J) analyte detected below quantitation limits; 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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QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0712244

EPA Method SW8270C	Extraction SW3550C	BatchID: 32255	Spiked Sample ID: 0712019-004A

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
Benzo(a)pyrene	ND	0.10	80.9	84.7	4.59	82.9	83.1	0.230	30 - 130	30	30 - 130	30
Chrysene	ND	0.10	84.1	85.5	1.70	90.5	90.8	0.363	30 - 130	30	30 - 130	30
1-Methylnaphthalene	ND	0.10	90.2	90.7	0.483	93.6	94.3	0.739	30 - 130	30	30 - 130	30
2-Methylnaphthalene	ND	0.10	84.5	85.9	1.70	89.5	90.4	1.03	30 - 130	30	30 - 130	30
Phenanthrene	ND	0.10	92.8	95.3	2.66	101	101	0	30 - 130	30	30 - 130	30
Pyrene	ND	0.10	81.8	83.3	1.82	85.5	84.9	0.701	30 - 130	30	30 - 130	30
%SS1:	88	0.050	83	83	0	95	95	0	30 - 130	30	30 - 130	30
%SS2:	85	0.050	79	80	1.27	94	93	0.247	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 32255 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0712244-001A	12/06/07 10:45 AM	12/07/07	12/18/07 10:02 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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QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0712244

EPA Method SW8270C	Extraction SW3550C	BatchID: 32412	Spiked Sample ID: 0712244-006A

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	0.027	0.10	100	95.1	3.91	84	85.2	1.51	30 - 130	30	30 - 130	30
Chrysene	0.028	0.10	97.1	101	3.18	93.4	91.6	2.00	30 - 130	30	30 - 130	30
1-Methylnaphthalene	ND<0.010	0.10	128	126	1.57	82.2	89.6	8.53	30 - 130	30	30 - 130	30
2-Methylnaphthalene	ND<0.010	0.10	106	110	3.39	80.6	80.9	0.413	30 - 130	30	30 - 130	30
Phenanthrene	0.019	0.10	105	110	3.78	101	99.6	1.12	30 - 130	30	30 - 130	30
Pyrene	0.030	0.10	123	128	2.95	82	80.4	1.88	30 - 130	30	30 - 130	30
%SS1:	112	0.050	80	86	7.47	107	107	0	30 - 130	30	30 - 130	30
%SS2:	89	0.050	92	97	5.59	102	102	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 32412 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0712244-002A	12/06/07 9:50 AM	12/07/07	12/18/07 7:21 PM	0712244-004A	12/06/07 12:45 PM	12/07/07	12/18/07 8:40 PM
0712244-005A	12/06/07 2:10 PM	12/07/07	12/18/07 11:24 PM	0712244-006A	12/06/07 2:30 PM	12/07/07	12/19/07 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.

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 6020A

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0712244

EPA Method 6020A **Extraction SW3050B** **BatchID: 32382** **Spiked Sample ID 0712194-041A**

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	111	112	0.855	10	114	115	0.875	70 - 130	20	80 - 120	20
Arsenic	5.8	50	99.4	103	3.00	10	103	103	0	70 - 130	20	80 - 120	20
Barium	240	500	99.4	101	1.16	100	102	102	0	70 - 130	20	80 - 120	20
Beryllium	0.56	50	92.2	94.1	2.08	10	102	104	2.52	70 - 130	20	80 - 120	20
Cadmium	ND	50	98.4	99.7	1.37	10	103	102	0.780	70 - 130	20	80 - 120	20
Chromium	43	50	88.1	94	3.35	10	103	102	1.37	70 - 130	20	80 - 120	20
Cobalt	14	50	91.1	92.1	0.852	10	102	103	0.585	70 - 130	20	80 - 120	20
Copper	19	50	95.7	100	3.48	10	106	103	2.96	70 - 130	20	80 - 120	20
Lead	6.6	50	99.3	101	1.10	10	103	103	0	70 - 130	20	80 - 120	20
Mercury	ND	1.25	97.6	99.8	2.22	0.25	94.6	93.3	1.23	70 - 130	20	80 - 120	20
Molybdenum	0.77	50	96	97.6	1.63	10	98.3	97.4	0.914	70 - 130	20	80 - 120	20
Nickel	42	50	95.4	101	3.14	10	105	101	4.08	70 - 130	20	80 - 120	20
Selenium	ND	50	96.7	98.4	1.76	10	99.6	96.4	3.21	70 - 130	20	80 - 120	20
Silver	ND	50	95.2	95.8	0.607	10	95.5	96.4	0.886	70 - 130	20	80 - 120	20
Thallium	ND	50	100	101	1.29	10	98.3	98	0.362	70 - 130	20	80 - 120	20
Vanadium	56	50	86.4	94.9	4.16	10	101	99.7	1.42	70 - 130	20	80 - 120	20
Zinc	48	500	101	103	1.73	100	104	104	0	70 - 130	20	80 - 120	20
%SS:	98	250	97	96	0.249	250	98	97	0.573	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 32382 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0712244-001A	12/06/07 10:45 AM	12/07/07	12/11/07 2:33 AM	0712244-002A	12/06/07 9:50 AM	12/07/07	12/11/07 2:41 AM
0712244-003A	12/06/07 11:55 AM	12/07/07	12/11/07 2:48 AM	0712244-003A	2/06/07 11:55 AM	12/07/07	12/11/07 7:54 PM
0712244-004A	12/06/07 12:45 PM	12/07/07	12/11/07 2:55 AM	0712244-004A	12/06/07 12:45 PM	12/07/07	12/11/07 8:02 PM
0712244-005A	12/06/07 2:10 PM	12/07/07	12/11/07 3:28 AM	0712244-005A	12/06/07 2:10 PM	12/07/07	12/11/07 8:09 PM
0712244-006A	12/06/07 2:30 PM	12/07/07	12/11/07 3:35 AM	0712244-006A	12/06/07 2:30 PM	12/07/07	12/11/07 8:16 PM
0712244-006A	12/06/07 2:30 PM	12/07/07	12/11/07 8:24 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 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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Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental 1466 66th Street Emeryville, CA 94608	Client Project ID: #CLR17927/0304; California Linen-Oakland	Date Sampled: 11/13/07
		Date Received: 11/16/07
	Client Contact: Paul King	Date Reported: 11/28/07
	Client P.O.:	Date Completed: 01/10/08

WorkOrder: 0711461

January 10, 2008

Dear Paul:

Enclosed within are:

1) The results of the **1** analyzed sample from your project: **#CLR17927/0304; California Linen-**
2) A QC report for the above sample,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

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

Cleanup per Dawn Zeno

CHAIN OF CUSTODY RECORD

PROJECT NUMBER: CLR 17927/0501

PROJECT NAME: California Linen - Oakland

SAMPLED BY: (PRINTED AND SIGNATURE) Steven Flexser Steven Flexser

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH-D/MO w. Silica Gel	PAH by 8270	BTEX	CAM 17 Metals	PCBs 8082	PRESERVATIVE	REMARKS
B47a-3.5	11/13/07		SOIL		1			X			ICE	Normal Turn Around
B47a-4.5	"		"		1			X	X		"	" " "
B47a-6.0	"		"		1						"	HOLD
B49-1.0	11/14/07		SOIL		1		X	X			"	Normal Turn Around
B49-3.0	↓		"		1		X	X			"	" " "
B49-5.0	↓		"		1						"	HOLD
B50-1.0	11/14/07		SOIL		1		X	X			"	Normal Turn Around
B50-3.0	↓		"		1		X	X			"	" " "
B50-5.0	↓		"		1						"	HOLD
B51-3.0												
B51-4.5	11/14/07		SOIL		1						"	HOLD
B54-4.5	11/13/07		SOIL		1						"	HOLD

RELINQUISHED BY: (SIGNATURE) Steven Flexser — DATE 11/16/07 — TIME 2300 — RECEIVED BY: (SIGNATURE)

RELINQUISHED BY: (SIGNATURE) — DATE 11/16/07 — TIME 1800 — RECEIVED BY: (SIGNATURE)

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

TOTAL NO. OF SAMPLES (THIS SHIPMENT): 91

TOTAL NO. OF CONTAINERS (THIS SHIPMENT): 91

LABORATORY: McCampbell Analytical

LABORATORY CONTACT: Angela Rydelius

LABORATORY PHONE NUMBER: (877) 252-9262

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

Results and billing to:
RGA Environmental, Inc.
paul.king@rgaenv.com

REMARKS:

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 071146 D **ClientID: RGAE**

☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty

Report to:
Paul King
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Email: paul.king@rgaenv.com; pdking0000@
TEL: (510) 547-7771 FAX: (510) 547-1983
ProjectNo: #CLR17927/0304; California Linen-Oa
PO:

Bill to:
Lisa Devito
RGA Environmental
1466 66th Street
Emeryville, CA 94608
lisa.devito@rgaenv.com

Requested TAT: 5 days
Date Received: **11/16/2007**
Date Add-On: **01/07/2008**
Date Printed: **01/07/2008**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
0711461-054	B47a-4.5	Soil	11/13/2007	☐	A											

Test Legend:

1	PB_S	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Elisa Venegas

Comments: 008-009 on hold per pk 11/19 &015-16 off hold 054 on hold, 067 and 68 off hold. Zemo extraction setup 11/20/07 2wk TAT. Added PB on 01/07/08.

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 1466 66th Street Emeryville, CA 94608	Client Project ID: #CLR17927/0304; California Linen-Oakland	Date Sampled: 11/13/07
		Date Received: 11/16/07
	Client Contact: Paul King	Date Extracted: 01/07/08
	Client P.O.:	Date Analyzed 01/08/08

Lead by ICP*

Extraction method SW3050B Analytical methods 6010C Work Order: 0711461

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS
0711461-054A	B47a-4.5	S	TOTAL	16	1	99

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

*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.

TOTAL = acid digestion.

WET = Waste Extraction Test (STLC).

DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL 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.

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 6010C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0711461

EPA Method 6010C **Extraction SW3050B** **BatchID: 32997** **Spiked Sample ID 0801069-005A**

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
Lead	17	50	88.8	90.5	1.38	10	117	114	2.90	75 - 125	20	80 - 120	20
%SS:	105	250	106	107	0.845	250	106	106	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 32997 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0711461-054A	11/13/07	01/07/08	01/08/08 5:55 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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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: CLR17927/ 0304; California Linen Rentals	Date Sampled: 12/06/07
		Date Received: 12/07/07
	Client Contact: Steven Carmack	Date Reported: 12/21/07
	Client P.O.:	Date Completed: 01/10/08

WorkOrder: 0712244

January 10, 2008

Dear Steven:

Enclosed within are:

1) The results of the **1** analyzed sample from your project: **CLR17927/ 0304; California Linen**
2) A QC report for the above sample,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

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

07122444

3.4

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

PROJECT NUMBER:	PROJECT NAME:
CLR1727/0304	California Linen Rentals

SAMPLED BY: (PRINTED AND SIGNATURE)
Steve Carmack

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): PAHs by 8270SIM	CAM17 Metals	CAM17 Metals			PRESERVATIVE	REMARKS
B29a-1.5	12/6/07	1045	SOIL		1	X	X				ICE	Normal Turnaround Time
B30a-1.0	12/6/07	950	SOIL		1	X	X				ICE	" " "
B47a-2.0	12/6/07	1155	SOIL		1		X				ICE	" " "
B51-2.0	12/6/07	1245	SOIL		1	X	X				ICE	" " "
B52 ~~24.0~~ 1.5	12/6/07	1410	SOIL		1	X	X				ICE	" " "
B52-3.0	↓	1430	↓		1	X	X				"	" " "
B52-5.0	↓	1445	↓		1	X	X	X			"	←HOLD

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	TOTAL NO. OF SAMPLES (THIS SHIPMENT)	7	LABORATORY:
	12/6/07	527		TOTAL NO. OF CONTAINERS (THIS SHIPMENT)	7	McCampbell Analytical Inc
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	LABORATORY CONTACT:		LABORATORY PHONE NUMBER:
	12/7/07	630		Angela Rydelius		(877) 252-9262
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)	SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES (X)NO		
	12/7	1830				

Results and billing to:
RGA Environmental, Inc.
paul.king@rgaenv.com
+ invoice also to lisa.deuito@rgaenv.com

REMARKS:
ICE/t° 3.4
GOOD CONDITION yes
HEAD SPACE ABSENT ____
DECHLORINATED IN LAB ____
APPROPRIATE CONTAINERS yes
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: 071224 A **ClientID: RGAE**

☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty

Report to:
Steven Carmack
RGA Environmental
1466 66th Street
Emeryville, CA 94608

Email: paul.king@rgaenv.com; pdking0000@
TEL: (510) 547-7771 FAX: (510) 547-1983
ProjectNo: CLR17927/ 0304; California Linen Ren
PO:

Bill to:
Lisa Devito
RGA Environmental
1466 66th Street
Emeryville, CA 94608
lisa.devito@rgaenv.com

Requested TAT: 5 days
Date Received: **12/07/2007**
Date Add-On: **01/07/2008**
Date Printed: **01/07/2008**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0712244-007	B52-5.0	Soil	12/6/2007 2:45:00	☐	A											

Test Legend:

1	CAM17MS_S	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Rosa Venegas

Comments: Added CAM 17 metals on 01/07/08.

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: CLR17927/ 0304; California Linen Rentals	Date Sampled: 12/06/07
		Date Received: 12/07/07
1466 66th Street	Client Contact: Steven Carmack	Date Extracted: 01/07/08
Emeryville, CA 94608	Client P.O.:	Date Analyzed 01/08/08

CAM / CCR 17 Metals*

					Reporting Limit for DF =1; ND means not detected above the reporting limit	
Lab ID	0712244-007A					
Client ID	B52-5.0					
Matrix	S				S	W
Extraction Type	TOTAL				mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B Work Order: 0712244

Dilution Factor	1				1	1
Antimony	3.6				0.5	NA
Arsenic	8.1				0.5	NA
Barium	260				5.0	NA
Beryllium	0.55				0.5	NA
Cadmium	0.76				0.25	NA
Chromium	91				0.5	NA
Cobalt	13				0.5	NA
Copper	42				0.5	NA
Mercury	0.18				0.05	NA
Molybdenum	1.3				0.5	NA
Nickel	67				0.5	NA
Selenium	0.71				0.5	NA
Silver	ND				0.5	NA
Thallium	ND				0.5	NA
Vanadium	58				0.5	NA
Zinc	150				5.0	NA
%SS:	115					

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.

TOTAL = acid digestion.

WET = Waste Extraction Test (STLC).

DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL^ metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; J) analyte detected below quantitation limits; 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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QC SUMMARY REPORT FOR 6020A

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0712244

EPA Method 6020A **Extraction SW3050B** **BatchID: 32971** **Spiked Sample ID 0801035-002A**

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	0.85	50	102	102	0	10	104	106	1.99	70 - 130	20	80 - 120	20
Arsenic	10	50	102	101	0.619	10	99.1	105	6.07	70 - 130	20	80 - 120	20
Barium	210	500	105	106	0.569	100	99.5	102	2.11	70 - 130	20	80 - 120	20
Beryllium	0.50	50	81.3	80.5	0.928	10	89.8	92.5	2.97	70 - 130	20	80 - 120	20
Cadmium	ND	50	99.5	98.4	1.07	10	99.4	101	1.20	70 - 130	20	80 - 120	20
Chromium	39	50	90.3	87.8	1.49	10	91.6	92.6	1.14	70 - 130	20	80 - 120	20
Cobalt	11	50	92.5	92.4	0.0872	10	105	107	1.41	70 - 130	20	80 - 120	20
Copper	29	50	95.3	94.3	0.613	10	92.7	95	2.48	70 - 130	20	80 - 120	20
Lead	10	50	98	98.9	0.794	10	99.4	101	2.03	70 - 130	20	80 - 120	20
Mercury	ND	1.25	86.5	86.7	0.267	0.25	85.9	87	1.34	70 - 130	20	80 - 120	20
Molybdenum	0.58	50	99.1	99	0.0798	10	101	104	2.54	70 - 130	20	80 - 120	20
Nickel	38	50	97.4	96.8	0.345	10	91.8	94.6	3.01	70 - 130	20	80 - 120	20
Selenium	ND	50	97.4	96.3	1.13	10	94.3	96.9	2.77	70 - 130	20	80 - 120	20
Silver	ND	50	98.9	98.8	0.101	10	101	102	0.690	70 - 130	20	80 - 120	20
Thallium	ND	50	95.9	96.2	0.373	10	94.5	96.6	2.20	70 - 130	20	80 - 120	20
Vanadium	52	50	94.2	90.4	1.91	10	96.7	97.5	0.752	70 - 130	20	80 - 120	20
Zinc	67	500	99.1	99.5	0.408	100	98.1	101	2.52	70 - 130	20	80 - 120	20
%SS:	98	250	101	104	2.99	250	94	95	1.18	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 32971 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0712244-007A	12/06/07 2:45 PM	01/07/08	01/08/08 1:50 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.

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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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: CLR 18282/0304; California Linen Rentals	Date Sampled: 01/11/08
		Date Received: 01/11/08
	Client Contact: Steven Carmack	Date Reported: 01/17/08
	Client P.O.:	Date Completed: 01/17/08

WorkOrder: 0801322

January 17, 2008

Dear Steven:

Enclosed within are:

1) The results of the **15** analyzed samples from your project: **CLR 18282/0304; California Linen**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

0801322

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

CHAIN OF CUSTODY RECORD

w/ usual hexane extraction + silica gel cleanup; followed up w/ zero cleanup if necessary.

PROJECT NUMBER: CLR18282 /0304

PROJECT NAME: California Linen Rentals

SAMPLED BY: (PRINTED AND SIGNATURE) Steven Carmack [signature]

	SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH Multirange	MBTEX	TPH ... S/C			PRESERVATIVE	REMARKS
+	E1	1/11/08		H_2O		7	X	X				ICE	Normal Turnaround Time
+	E2	1/10/08		↓		7	X	X				↓	↓
(+)	E3	1/11/08		↓		7	X	X				↓	↓
+	E4	1/9/08		↓		7	X	X				↓	↓
(+)	E6	1/10/08		↓		7	X	X				↓	↓
+	E7	1/10/08		↓		7	X	X				↓	↓
+	E8	1/9/08		↓		7	X	X				↓	↓
(+)	E9	1/9/08		↓		7	X	X				↓	↓
+	MW1	1/10/08		↓		7	X	X				↓	↓
+	MW2	1/9/08		↓		7	X	X				↓	↓
+	MW4	1/10/08		↓		7	X	X				↓	↓
+	MW5	1/11/08		↓	ICE/t° 5.2	7	X	X				↓	↓
+	MW6	1/11/08		↓	GOOD CONDITION ✓ APPROPRIATE / HEAD SPACE ABSENT ___ CONTAINERS ___	7	X	X				↓	↓
(+)	MW7	1/10/08		↓	DECHLORINATED IN LAB ___ PRESERVED IN LAB ___	7	X	X				↓	↓
+	I1	1/10/08		↓	VOAS / O & G / METALS / OTHER — PRESERVATION ___	~~7~~ 8	X	X	X			↓	↓

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	TOTAL NO. OF SAMPLES (THIS SHIPMENT)	15	LABORATORY:
[signature]	1/11/08	300	[signature]	TOTAL NO. OF CONTAINERS (THIS SHIPMENT)	75	McCampbell Analytical, Inc
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	LABORATORY CONTACT:		LABORATORY PHONE NUMBER:
[signature]	1/11/08	1115	[signature]	Angela Rydelius		(877)252-9262
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)	SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES (X)NO		

Results and billing to:
RGA Environmental, Inc.
paul.king@rgaenv.com

+ invoice also to lisa.devito@rgaenv.com

REMARKS: Voas preserved w/ HCL
All ambers w/ blue stickers preserved w/ HCL.

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Sample Receipt Checklist

Client Name: **RGA Environmental**
Date and Time Received: **1/11/2008 6:35:37 PM**

Project Name: **CLR 18282/0304; California Linen Rentals**
Checklist completed and reviewed by: Ana Venegas

WorkOrder N°: **0801322** Matrix Water
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

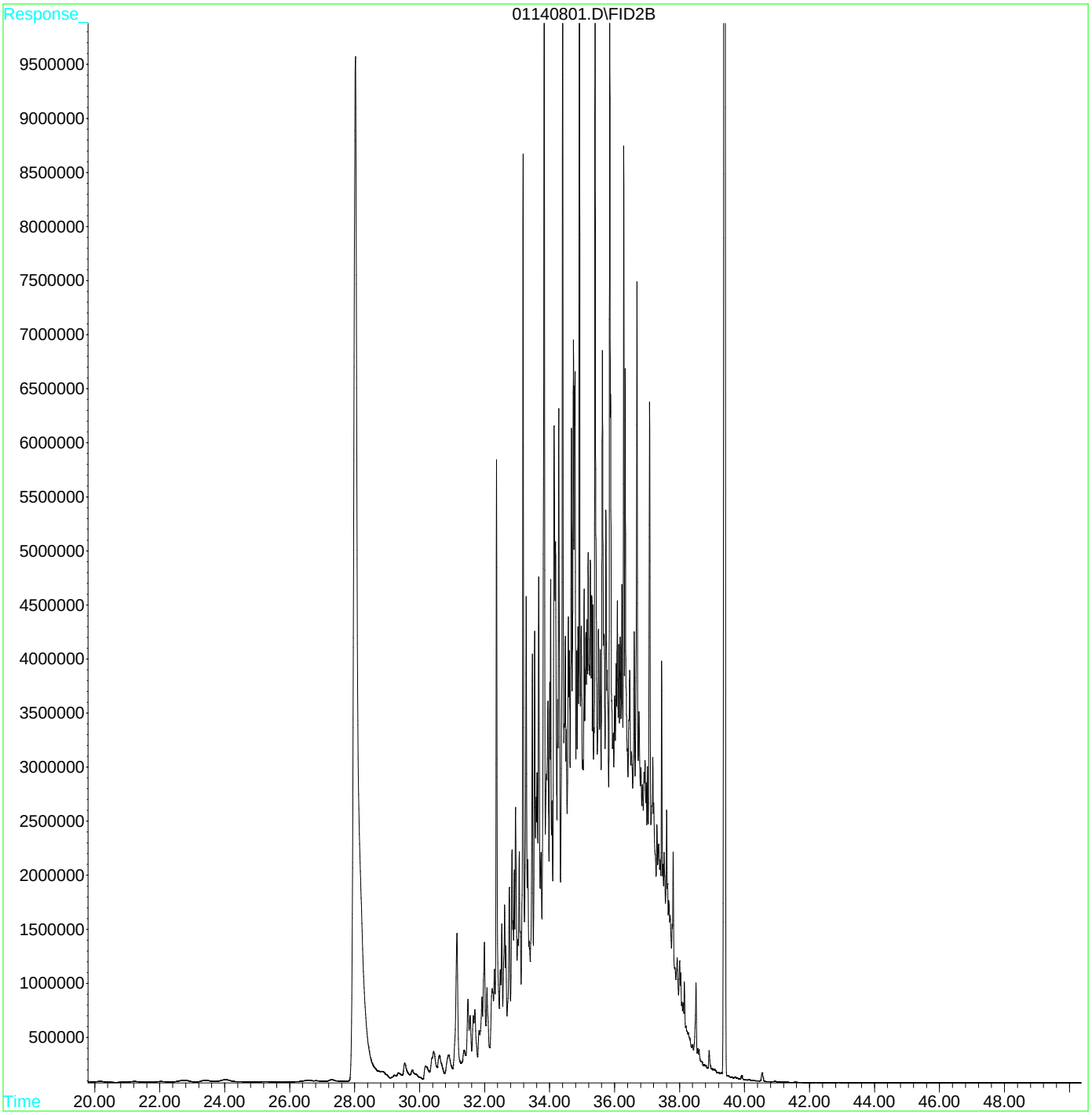
Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 5.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

Client contacted: Date contacted: Contacted by:

Comments:

File : D:\HPCHEM\GC11\DATAB\01140801.D
Operator : Thu
Acquired : 14 Jan 2008 8:55 am using AcqMethod GC11AU.M
Instrument : GC-11
Sample Name: CCV
Misc Info :
Vial Number: 51



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

RGA Environmental	Client Project ID: CLR 18282/0304; California Linen Rentals	Date Sampled: 01/11/08
1466 66th Street		Date Received: 01/11/08
Emeryville, CA 94608	Client Contact: Steven Carmack	Date Extracted: 01/14/08-01/16/08
	Client P.O.:	Date Analyzed 01/14/08-01/16/08

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

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0801322

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001B	E1	W	ND	ND	ND	ND	ND	ND	1	90
002B	E2	W	76,a	ND	1.0	ND	1.7	2.1	1	101
003B	E3	W	110,a	ND	0.93	ND	ND	0.83	1	99
004B	E4	W	ND	ND	0.57	ND	ND	ND	1	100
005B	E6	W	91,a	ND	0.88	ND	0.52	1.1	1	99
006B	E7	W	ND	ND	ND	ND	ND	ND	1	107
007B	E8	W	690,b,m	ND	1.2	0.67	7.5	68	1	95
008B	E9	W	ND	ND	ND	ND	ND	ND	1	102
009B	MW1	W	63,a	ND	1.8	ND	0.79	2.0	1	102
010B	MW2	W	ND	ND	ND	ND	ND	ND	1	97
011B	MW4	W	ND	ND	ND	ND	ND	ND	1	92
012B	MW5	W	ND	ND	ND	ND	ND	ND	1	88
013B	MW6	W	ND	ND	ND	ND	ND	ND	1	89
014B	MW7	W	ND	ND	ND	ND	ND	ND	1	91
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 1466 66th Street Emeryville, CA 94608	Client Project ID: CLR 18282/0304; California Linen Rentals	Date Sampled: 01/11/08
		Date Received: 01/11/08
	Client Contact: Steven Carmack	Date Extracted: 01/11/08
	Client P.O.:	Date Analyzed 01/11/08-01/16/08

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3510C/3630C Analytical methods: SW8015C Work Order: 0801322

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0801322-001A	E1	W	ND	ND	1	95
0801322-002A	E2	W	68,d,b	ND	1	101
0801322-003A	E3	W	110,d	ND	1	103
0801322-004A	E4	W	ND	ND	1	103
0801322-005A	E6	W	93,d,b	ND	1	104
0801322-006A	E7	W	ND	ND	1	98
0801322-007A	E8	W	240,d	ND	1	97
0801322-008A	E9	W	ND	ND	1	97
0801322-009A	MW1	W	ND	ND	1	100
0801322-010A	MW2	W	ND	ND	1	105
0801322-011A	MW4	W	ND	ND	1	113
0801322-012A	MW5	W	ND	ND	1	112
0801322-013A	MW6	W	ND	ND	1	113
0801322-014A	MW7	W	ND	ND	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; &) low or no surrogate due to matrix interference.

+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; j) reporting limit raised due to matrix interference; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; p) see attached 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: 0801322

EPA Method SW8021B/8015Cm Extraction SW5030B BatchID: 33167 Spiked Sample ID: 0801322-014B

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	100	1.71	108	101	7.12	70 - 130	30	70 - 130	30
MTBE	ND	10	120	120	0	118	122	3.24	70 - 130	30	70 - 130	30
Benzene	ND	10	104	102	2.24	101	105	3.65	70 - 130	30	70 - 130	30
Toluene	ND	10	115	113	2.09	114	116	2.05	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	112	109	2.66	109	110	0.715	70 - 130	30	70 - 130	30
Xylenes	ND	30	123	120	2.74	120	120	0	70 - 130	30	70 - 130	30
%SS:	91	10	99	96	2.47	97	99	2.56	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 33167 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0801322-001B	01/11/08	01/14/08	01/14/08 8:27 PM	0801322-002B	01/11/08	01/16/08	01/16/08 5:52 AM
0801322-003B	01/11/08	01/15/08	01/15/08 9:20 AM	0801322-004B	01/11/08	01/15/08	01/15/08 7:50 AM
0801322-005B	01/11/08	01/15/08	01/15/08 7:19 AM	0801322-006B	01/11/08	01/15/08	01/15/08 6:49 AM
0801322-007B	01/11/08	01/16/08	01/16/08 5:22 AM	0801322-008B	01/11/08	01/15/08	01/15/08 6:19 AM
0801322-009B	01/11/08	01/16/08	01/16/08 6:22 AM	0801322-010B	01/11/08	01/15/08	01/15/08 5:49 AM
0801322-011B	01/11/08	01/14/08	01/14/08 9:00 PM	0801322-012B	01/11/08	01/14/08	01/14/08 9:33 PM
0801322-013B	01/11/08	01/14/08	01/14/08 10:06 PM	0801322-014B	01/11/08	01/14/08	01/14/08 10:39 PM
0801322-015B	01/11/08	01/16/08	01/16/08 6:53 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.

cluttered chromatogram; sample peak coelutes with surrogate peak.

DHS ELAP Certification N° 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0801322

EPA Method SW8015C **Extraction SW3510C/3630C** **BatchID: 33163** **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	98.3	96	2.31	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	112	110	1.45	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 33163 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0801322-001A	01/11/08	01/11/08	01/11/08 6:38 PM	0801322-002A	01/11/08	01/11/08	01/14/08 1:31 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.

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: Water QC Matrix: Water WorkOrder: 0801322

EPA Method SW8015C **Extraction SW3510C/3630C** **BatchID: 33166** **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	96.7	96.4	0.310	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	109	110	0.337	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 33166 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0801322-003A	01/11/08	01/11/08	01/14/08 10:04 AM	0801322-004A	01/11/08	01/11/08	01/14/08 11:12 AM
0801322-005A	01/11/08	01/11/08	01/14/08 12:20 PM	0801322-006A	01/11/08	01/11/08	01/14/08 11:09 AM
0801322-007A	01/11/08	01/11/08	01/14/08 12:20 PM	0801322-009A	01/11/08	01/11/08	01/16/08 1:40 AM
0801322-010A	01/11/08	01/11/08	01/14/08 1:29 PM	0801322-011A	01/11/08	01/11/08	01/12/08 12:41 PM
0801322-012A	01/11/08	01/11/08	01/12/08 1:49 PM	0801322-013A	01/11/08	01/11/08	01/12/08 2:57 PM
0801322-014A	01/11/08	01/11/08	01/12/08 6:59 AM	0801322-015A	01/11/08	01/11/08	01/14/08 10:50 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.

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: Water QC Matrix: Water WorkOrder: 0801322

EPA Method SW8015C **Extraction SW3510C** **BatchID: 33175** **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	109	109	0	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	97	97	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 33175 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0801322-016A	01/10/08	01/14/08	01/17/08 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.

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: Water QC Matrix: Water WorkOrder 0801322

EPA Method SW8015C **Extraction SW3510C/3630C** **BatchID: 33163** **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	98.3	96	2.31	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	112	110	1.45	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 33163 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0801322-001A	01/11/08	01/11/08	01/11/08 6:38 PM	0801322-002A	01/11/08	01/11/08	01/14/08 1:31 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.

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: Water QC Matrix: Water WorkOrder 0801322

EPA Method SW8015C **Extraction SW3510C/3630C** **BatchID: 33166** **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	96.7	96.4	0.310	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	109	110	0.337	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 33166 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0801322-003A	01/11/08	01/11/08	01/14/08 10:04 AM	0801322-004A	01/11/08	01/11/08	01/14/08 11:12 AM
0801322-005A	01/11/08	01/11/08	01/14/08 12:20 PM	0801322-006A	01/11/08	01/11/08	01/14/08 11:09 AM
0801322-007A	01/11/08	01/11/08	01/14/08 12:20 PM	0801322-008A	01/11/08	01/11/08	01/14/08 11:09 AM
0801322-009A	01/11/08	01/11/08	01/16/08 1:40 AM	0801322-010A	01/11/08	01/11/08	01/14/08 1:29 PM
0801322-011A	01/11/08	01/11/08	01/12/08 12:41 PM	0801322-012A	01/11/08	01/11/08	01/12/08 1:49 PM
0801322-013A	01/11/08	01/11/08	01/12/08 2:57 PM	0801322-014A	01/11/08	01/11/08	01/12/08 6:59 AM
0801322-015A	01/11/08	01/11/08	01/14/08 10:50 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.

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.