April 19, 2007

Mr. Matthew Klemchuk
BARRY SWENSON BUILDER
777 North First Street
San Jose, California 95112

Project No. 33107-007514.03

Subject: Subsurface Investigation Report, Groth Brothers Chevrolet Dealership Property, 57/59 South L Street, Livermore, California

Dear Mr. Klemchuk:

Bureau Veritas North America, Inc. (Bureau Veritas) is pleased to present this *Subsurface Investigation Report* (Report) for Barry Swenson Builder regarding the Groth Brothers Chevrolet Dealership property located at 57/59 South L Street in Livermore, California. Enclosed are three copies of the Report.

If you have any questions or comments regarding the information provided herein, please do not hesitate to contact me at 925.426.2607 or Jon Rosso at 925.426.2676.

Sincerely,

Craig T. Pelletier, P.G.
Project Manager
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Subsurface Investigation Report

Groth Brothers Chevrolet Dealership
57/59 South L Street
Livermore, California

April 19, 2007
Project No. 33107-007514.03
Prepared for
BARRY SWENSON BUILDER
San Jose, California

BUREAU VERITAS

For the benefit of business and people

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1.0 INTRODUCTION

Bureau Veritas North America, Inc. (Bureau Veritas) prepared this *Subsurface Investigation Report* for Barry Swenson Builder (Swenson) regarding the Groth Brothers Chevrolet Dealership property located at 57/59 South L Street in Livermore, Alameda County, California (the "Site", Figure 1).

This investigation was conducted in accordance with Bureau Veritas' Proposal Number 3303.07.073 dated March 3, 2007 based upon findings presented in our *Phase I Environmental Site Assessment (ESA) Report* dated March 15, 2007. This investigation was conducted to further assess the Site as part of a proposed property acquisition and redevelopment for mixed commercial and residential use.

2.0 BACKGROUND

The approximately 4.03-acre Site is composed of two parcels identified by assessor parcel numbers (APNs) 97-3-7-1 and 98-405-4. The Site is currently developed for use as a new and used auto dealership operated by Groth Brothers Chevrolet (Groth), containing four buildings and associated asphalt paved parking areas. Access to the Site is by driveways off Railroad Avenue to the north, South L Street to the east, 1st Street to the south, and South M Street to the west. The building housing the main offices and showroom is addressed as 59 South L Street. The parts and service department building, which includes service bays and offices, is addressed as 1934 1st Street. A body shop north of the service building off South M Street includes a paint booth and paint mixing room. The northern most building, addressed as 57 South L Street, houses used car sales offices, auto detailing, and a wash rack.

The Site has been developed and in use for a mix of residential, commercial, and industrial activities since at least 1884. While all uses of the Site have not been determined, historic data collected during this assessment has provided known uses for specific points in time. Railroad tracks crossed the northern portion of the Site from at least 1884 through the 1970s. Land use on the southern portion of the Site has included a number of retail facilities as well as a fuel and feed shop, printing, gasoline stations, and auto repair and service. Properties in the surrounding area also have been developed since the 1880s for commercial and residential use, including gasoline stations, auto repair facilities, and cleaners. Residential development of the Site is planned.

Bureau Veritas' *Phase I ESA* revealed no evidence of recognized environmental conditions (RECs) in connection with the Site, except for the following:

- **Former uses:** The Site has been in commercial use for more than a century; these former uses are associated with documented or potential subsurface impacts to soil and groundwater. Known notable historic uses or features include an oil room and laundry, fuel distributor, printing, a machine shop, paint room and other painting, two gasoline stations, and auto repair. Use for auto repair and painting continues today. In addition, railroad lines crossed the northern portion of the Site from at least 1884 through the 1970s, and fill placed across the Site is potentially from former railroad locations. Materials associated with these uses include petroleum hydrocarbons, halogenated volatile organic compounds (VOCs), polychlorinated biphenyls (PCBs) potentially associated with in-ground hydraulic equipment, and oils, metals and herbicides associated with railroad operations.

- **Current use:** Although regulatory inspections conducted by the Livermore Pleasanton Fire Department and City of Livermore Water Resources Division indicate that the existing auto repair facility has been generally well maintained since the mid-1990s, the 70+ year old facility currently includes features that suggest potential subsurface impacts including below ground hydraulic lifts and a plugged oil sump.
- **Offsite concern:** A petroleum hydrocarbon plume extends from the Valley Gas facility west-northwestward below a portion of the Site, to existing railroad lines some 1,800 feet distant. The source zone was estimated to be approximately 80 to 120 feet wide and approximately 250 feet long. The contaminant "smear zone" is estimated to be around between 32 to 52 feet bgs. Some concentrations of benzene reported in the groundwater below the Site have exceeded regulatory screening levels for residential properties. A vapor study and risk assessment conducted at the Site in 2006 found that under current groundwater level conditions, there is relatively low potential for soil vapor intrusion into buildings resulting in indoor vapor concentrations above acceptable risks. However; should the groundwater level drop to below the top of the smear zone, soil vapors would be expected to increase, possibly to levels that may have an adverse impact on indoor air quality. Reportedly, remediation of the source zone is in the testing and planning stages.

Based on findings of the Phase I ESA, Bureau Veritas recommended additional evaluation of soil and groundwater conditions in the vicinity of the on-site printing room machine shop, auto repair facility, and gasoline stations on the southern corners of the side of the Site, as well as in near surface soils across the site with respect to potential railroad related impacts.

3.0 SCOPE OF WORK

Bureau Veritas performed the following scope of work to complete this investigation.

- Conducted pre-field activities that included preparing a site Health and Safety Plan to safely perform the proposed scope of work.
- Contracted with a utility locator service to locate and clear proposed soil boring locations of underground utilities.
- Contracted with a licensed drilling contractor to advance 28 soil borings and collected representative soil and/or grab-groundwater samples from the borings.
- Submitted soil and grab-groundwater samples for laboratory analysis.
- Prepared this report.

3.1 PRE-FIELD ACTIVITIES

Bureau Veritas obtained a soil boring permit from the Zone 7 Water District. A copy of the soil boring permit is included as Appendix A.

Bureau Veritas contracted with Environmental Control Associates, Inc. (ECA) located in Aptos, California to complete the subsurface investigation. ECA is a California licensed (C-57) drilling company.

Prior to commencing work, Bureau Veritas completed a site specific HASP for the proposed work at the Site in accordance with the requirements of the State of California General Industry Safety Order (GISO)

5192 and Title 29 of the Code of Federal Regulations, Section 1910.120 (29 CFR 1910.120). A copy of the HASP was kept onsite during field activities. The HASP detailed the work to be performed, safety precautions, emergency response procedures, nearest hospital information, and onsite personnel responsible for managing emergency situations.

On March 5, 2007, Underground Service Alert (USA) was contacted at least 48 hours prior to drilling, as required by law. Bureau Veritas visited the Site and marked each proposed sample location in white paint prior to notification.

3.2 FIELD ACTIVITIES

The following is a summary of the field activities completed during this investigation.

3.2.1 Underground Utility Clearance

On March 7, 2007, Bureau Veritas contracted with OHJ Subsurface of Oakland, California to clear the proposed soil boring locations of underground utilities in order to safely perform the proposed scope of work. Each proposed boring location was cleared of potential subsurface obstructions within a five foot by five foot area.

3.2.2 Soil Borings

On March 8 and 9, 2007, Mr. Craig Pelletier, P.G., and Mr. Jeremy Wilson of Bureau Veritas supervised the advancement of 28 exploratory borings at locations depicted on Figure 2. The soil borings were advanced as follows:

- Nine soil borings (BV-01 through BV-09) were advanced to a total depth of approximately 12 feet bgs in the vehicle repair shops that have in-ground hydraulic vehicle hoists and sumps to assess for petroleum hydrocarbon releases. Boring BV-04 was advanced to a depth of 10 feet bgs where drilling refusal was encountered.
- Nine soil borings (BV-10 through BV-18) were advanced to a depth of 8 feet below the ground surface (bgs) to collect soil samples to profile fill materials on the northern lot in the vicinity of the former rail road tracks.
- Nine soil borings (BV-19 through BW-28) were advanced into the groundwater table to depths ranging from 34 to 41 feet to collect soil and grab-groundwater samples to further assess the two former gasoline station areas, areas where halogenated solvents have been detected in groundwater, the area where a former railroad machine shop was located (northwest corner of the Site), and current and former paint and printing shop operations.
- One deeper grab-groundwater sample (BV-22A) was advanced to a depth of approximately 45 feet bgs in the south central lot to confirm the finding of halogenated solvents that were detected with a membrane interface probe at this location.

ECA utilized truck-mounted direct-push (Geoprobe) equipment to advance the boreholes. The borings were generally advanced to the desired depth as outlined above. During the drilling activities, soil cores were collected from the boreholes for soil logging purposes. Soil cores were obtained using a 4-foot-long

by 2-inch-diameter core barrel sampler. The core barrel contains a plastic liner that retains a relatively undisturbed soil core from which soil samples are collected. Each soil borehole was logged for lithological content using the Unified Soil Classification System (USCS) as a guide, and for relative moisture content, competency, and other observable characteristics (e.g., color changes, debris, rootlets, odor, etc.). Several soil samples were selected from each borehole and placed into a sealed plastic bag for field screening using a photoionization detector (PID) to determine the presence of VOC vapors. Field observations were entered onto soil boring logs that are included as Appendix B.

3.2.3 Soil Sampling

Bureau Veritas generally collected soil samples approximately every four feet from the bottom of each sampling interval within the vadose zone soils. Exact soil sampling depths were determined based on drilling conditions, sample recovery, field observations and encountered depth to groundwater. Selected soil samples were cut from the acetate liners and sealed with Teflon tape and plastic end caps, labeled with identifying information, and stored in a pre-chilled ice-chest awaiting transportation to the laboratory. Selected soil samples were subsequently recorded onto a chain-of-custody document.

3.2.4 Grab-groundwater Sampling

Bureau Veritas collected a grab-groundwater sample from Borings BV-19 through BV-28. Groundwater sampling points were advanced into the saturated zone to approximately 2 to 4 feet below the level of first encountered groundwater and were collected by one of the following methods:

- Grab-groundwater samples BV-22 and BV-27 were collected using a temporary one-inch-diameter, schedule 40 PVC casing that was placed into each open borehole. The lower five feet of casing consisted of 0.010-inch slotted screen to allow for water to enter the temporary well point. Grab-groundwater samples were collected using new disposable tubing and a decontaminated ball check valve for each borehole.
- Grab-groundwater samples from remaining boreholes were collected using a closed system Hydropunch® sampler. The Hydropunch® sampling tool was advanced beyond the drill bit into undisturbed soil, and the sampling tool was retracted, allowing water to flow into the sampling chamber by exposing the screen. Grab-groundwater samples were collected from the Hydropunch® sampler using new disposable tubing and a decontaminated ball-check valve for each borehole.

Upon retrieval, the samples were transferred into appropriate laboratory supplied containers, capped and sealed, labeled with identifying information, and placed in a pre-chilled ice chest for transportation to the analytical laboratory under formal chain-of-custody documentation.

3.2.5 Chemical Analyses

A total of 29 soil samples and 11 grab-groundwater samples were collected during the investigation. Soil and grab-groundwater samples were submitted to a State of California certified laboratory for analyses. Samples were submitted for the following United States Environmental Protection Agency (USEPA) approved methods:

- Total Petroleum Hydrocarbons (TPH) quantified as gasoline (TPH-g) by Method 8015M – 26 soil (BV-01 through BV-28) and 11 grab-groundwater samples (BV-19 through BV-28).
- Extractable TPH quantified as diesel (TPH-d) and motor oil (TPH-m) by Method 8015M using silica gel cleanup – 26 soil (BV-01 through BV-28) and 11 grab-groundwater samples (BV-19 through BV-28).
- VOCs including fuel oxygenates using Method 8260B – 20 soil samples (Borings BV-01 though BV-09, BV-19 through BV-28) and 11 grab-groundwater samples (BV-19 through BV-28).
- Resource Conservation and Recovery Agency (RCRA) Metals by Series 6000 & 7000 Methods – six soil samples (Borings BV-10 through BV-18).
- Poly-aromatic hydrocarbons (PAHs) by Method 8310 – six soil samples (Borings BV-10 through BV-18).
- Polychlorinated biphenols (PCBs) by Method 8082A – 15 soil samples (Borings BV-01 through BV-18).
- Organo-chlorinated pesticides (OCPs) by Method 8081 – six soil samples (Borings BV-10 through BV-18).

The soil and grab-groundwater samples were submitted for laboratory analyses on a rush 1 to 2 day turn around time. Remaining soil samples were placed on hold by the laboratory.

The following table summarizes the chemical analyses performed for each soil boring location. Boring locations are presented on Figure 2.

Boring Number	Medium	Analytical Method	Soil Boring Locations
BV-01 through BV-09	Soil	TPH 8015M VOCs 8260B PCBs 8082A	Service station, paint booth, body shop, etc.
BV-10 through BV 18	Soil	TPH 8015M RCRA Metals 6000/7000 OCPs 8081 PCBs 8082A PAHs 8310	Northern lot near former railroad tracks.
BV-19 through BV-28	Soil/Groundwater	TPH 8015M VOCs 8260B	Former gasoline service stations, former machine shop, areas where chlorinated VOCs previously detected, etc.

3.2.6 Equipment Decontamination

Bureau Veritas replaced new plastic liners in the core barrel prior to each sampling interval. Down-hole equipment was washed in a solution of non-phosphate detergent and double rinsed with tap water after each use.

3.2.7 Soil Boring Abandonment

Upon completion of the boreholes to the desired depth, the remaining borehole annulus was backfilled with neat cement to grade in accordance with approved methods mandated by Zone 7 Water District. The surface was repaired to its pre-existing condition.

3.2.8 Waste Disposal

The soil cuttings generated during this subsurface investigation were contained in one United States Department of Transportation approved 55-gallon steel drum. The drum was sealed, labeled and stored onsite for future disposal pending receipt of analytical results.

4.0 INVESTIGATION FINDINGS

Bureau Veritas evaluated the data generated during this investigation. Our findings are summarized in the following subsections.

4.1 SOIL BORING OBSERVATIONS

Soils encountered in the soil borings consisted of approximately 3 to 6 inches of asphalt or concrete underlain by approximately one to ten feet of fill material comprised of one or more of the following lithologies: silt, clayey silt, silty clay, gravelly silt, silty gravel or gravel. Below the fill material, native soils generally consisted of brown silty gravel, gravelly silt, silty clay, clayey silt and gravelly clay to the maximum logging depth of explored of 37 feet bgs. Moist to wet conditions were encountered in the borings at depths ranging from approximately 30 and 40 feet. Exact groundwater depths could not be determined because the soil lithology prevented continuous soil logging to the groundwater table at each borehole location with the exception of Borings BV-22 and BV-27. Soil boring logs BV-01 through BV-28 are presented as Appendix B.

Bureau Veritas did not observe evidence of contaminated soil (*e.g.*, discoloration, odors) in the borings advanced during this subsurface investigation with the exception of Boring BV-03. At this location, a petroleum odor was noted between approximately one and ten feet below grade. Organic vapors detected in the field with the PID ranged from 0.0 to 189 parts per million (ppm) during this investigation. The PID data is noted on boring logs presented in Appendix B.

4.2 SOIL ANALYTICAL RESULTS

A total of 29 soil samples were submitted for laboratory analysis. Remaining soil samples were placed on hold at the laboratory. Summaries of the soil analytical results are provided on Tables 1 and 2. A copy of the soil analytical laboratory report is presented in Appendix C. Soil analytical data was compared to the Regional Water Quality Control Board (RWQCB) Environmental Screening Level (ESL) and/or the USEPA Preliminary Remediation Goals (PRGs). The following is a summary of the soil analytical results.

4.2.1 TPH in Soil

A total of 26 soil samples (including six composite samples from Borings BV-10 through BV-18) were analyzed for TPH-g, TPH-d and TPH-mo. Boring locations are presented on Figure 2. Concentrations of TPH were not detected in the soil samples submitted for chemical analysis, except as follows:

- TPH-g was detected in BV-03 (3.5-4.0') at a concentration of 5,000 milligrams per kilogram (mg/kg). This concentration is above the RWQCB ESL for residential soils established at 100 mg/kg.
- TPH-d was detected in 5 of 26 samples at concentrations ranging from 4.4 mg/kg and 1,800 mg/kg. Only one soil sample (BV-03 @ 1.5-2.0') exceeded the RWQCB ESL for residential soil established at 100 mg/kg.
- TPH-mo was detected in 5 of 27 samples concentrations ranging between 13 mg/kg and 420 mg/kg. These low-level concentrations are below the RWQCB ESL for residential soils established at 500 mg/kg.

4.2.2 PAHs in Soil

A total of six composite soil samples from Borings BV-10 through BV-18 (Figure 2) were analyzed for PAHs. No concentrations of PAHs were detected in the soil samples submitted for chemical analysis.

4.2.3 VOCs in Soil

A total of 20 soil samples were analyzed for VOCs from Borings BV-01 through BV-09 and BV-19 through BV-28 (Figure 2). Concentrations of VOCs were not detected in the soil samples submitted for chemical analysis, except from one sample as follows:

- 1,2 Dichlorobenzene was detected in BV-03 (3.5-4.0') at a concentration of 22 mg/kg. This concentration is above the RWQCB ESL established at 1.1 mg/kg for residential soils.
- 4-Isopropyl toluene was detected in BV-03 (3.5-4.0') at a concentration of 7.5 mg/kg. Currently, there is no ESL for 4-Isopropyl toluene.
- 1,2,4-Trimethylbenzene (TMB) was detected in BV-03 (3.5-4.0') at a concentration of 23 mg/kg. Currently, there is no ESL for 1,2,4-TMB.
- 1,3,5-TMB was detected in BV-03 (3.5-4.0') at a concentration of 7.6 mg/kg. Currently, there is no ESL for 1,3,5-TMB.

A deeper soil sample from BV-03 (11.5-12.0' bgs) did not report detectable concentrations of VOCs.

4.2.4 PCBs in Soil

A total of 15 soil samples (including six composite samples from Borings BV-10 through BV-18) were analyzed for PCBs. A summary of the soil analytical results for PCBs is presented in Table 1. Boring locations are presented on Figure 2. PCB concentrations were not detected in the soil samples submitted for analysis, except as follows:

- Arochlor 1242 was detected in BV-03 (3.5-4.0') at a concentration of 0.12 mg/kg. This concentration is below the RWQCB ESL for residential soils established at 0.22 mg/kg.

4.2.5 OC Pesticides in Soil

A total of six composite soil samples from Borings BV-10 through BV-18 were analyzed for OC Pesticides. Concentrations of OCPs were not detected in the soil samples submitted for chemical analysis.

4.2.6 RCRA Metals in Soil

A total of nine soil samples from Borings BV-10 through BV-18 (Figure 2) were analyzed for RCRA Metals. A summary of the soil analytical results for total metals is presented in Table 2. Metal concentrations were detected as follows:

- Lead was detected in each composite soil sample at concentrations ranging from 5.3 mg/kg to 950 mg/kg. Soil sample BV-16,17,18 (1.5-2.0') was submitted as a composite soil sample and reported a concentration of 950 mg/kg, which exceeded the residential RWQCB ESL for lead established at 150 mg/kg. Therefore, BV-16, BV-17 and BV-18 was discretely sampled from a depth of 1.5-2.0' bgs to determine the lead concentrations at these locations. The analytical results detected lead at concentrations of 320 mg/kg, 92 mg/kg and 4,800 mg/kg, respectively. Lead was found to exceed the residential RWQCB ESL at BV-16 and BV-18.
- Arsenic was detected in each composite soil sample at concentrations ranging from 3.2 mg/kg to 18 mg/kg. As presented on Table 2, three composite soil samples from the 1.5-2.0 foot horizon exceeded the RWQCB ESL for residential soils established at 5.5 mg/kg. As a result, shallow soil sample BV-16, 17, 18 (1.5-2.0') was discretely analyzed because the concentration of 18 mg/kg appeared to be elevated when compared to other samples. Results of the analytical testing detected total arsenic concentrations of 4.7 mg/kg, 12 mg/kg and 48 mg/kg, respectively with concentrations exceeding the residential ESL at BV-17 (1.5-2.0') and BV-18 (1.5-2.0).
- Remaining soil samples submitted for analysis contained low-level concentrations of metal analytes including barium, cadmium, copper, lead and mercury that are well below their respective RWQCB ESLs for residential land use. Concentrations of cadmium, selenium and silver were not detected in the soil samples.

4.3 GRAB-GROUNDWATER ANALYTICAL RESULTS

A total of 11 grab-groundwater samples were submitted for laboratory analysis from Borings BV-19 through BV-28 (Figure 2). Summaries of the grab-groundwater analytical results are provided on Tables 3 and 4. Copies of the grab-groundwater analytical laboratory reports are presented in Appendix D. Grab-groundwater analytical data was compared to the RWQCB ESLs and the California Department of Health Services (DHS) Maximum Contaminant Levels (MCLs). The following is a summary of the grab-groundwater analytical results.

4.3.1 TPH in Grab-Groundwater

Concentrations of TPH were detected in 10 of 11 grab-groundwater samples (BV-19 through BV-28) submitted for analysis. A summary of the TPH in grab-groundwater analytical results is presented as Table 3. Concentrations of TPH-g, TPH-d and TPH-mo were not detected in the grab-groundwater samples, except as follows:

- Concentrations of TPH-g were detected in 7 of 11 grab-groundwater samples ranging from 62 micrograms per liter (µg/L) to 61,000 µg/L. The RWQCB ESL for TPH-g established at 100 µg/L was exceeded in five grab-groundwater samples (BV-19, BV-22A, BV-23, BV-24 and BV-25.
- TPH-d was detected in 7 of 11 grab-groundwater samples (BV-19, BV-22A, BV-23 through BV-27) at concentrations ranging from 110 µg/L to 79,000 µg/L. Each of these grab-groundwater samples exceeded the RWQCB ESL established at 100 µg/L.
- TPH-mo was detected in 4 of 11 grab-groundwater samples (BV-22, BV-23, BV-26 and BV-27) concentrations ranging between 350 µg/L and 1,600 µg/L. These low-level concentrations are above the RWQCB ESL established at 100 µg/L. The laboratory noted elevated detection limits for grab-groundwater samples BV-22A and BV-24.

4.3.2 VOCs in Grab-Groundwater

A total of 11 grab-groundwater samples were analyzed for VOCs from Borings BV-19 through BV-28 (Figure 2). Concentrations of VOCs were not detected in the grab-groundwater samples submitted for chemical analysis, except as follows:

- Benzene was detected in 4 of 11 grab-groundwater samples at concentrations ranging from 1.0 µg/L (BV-25) to 3,100 µg/L (BV-24). Three samples (BV-19, BV-23 and BV-24) exceed the RWQCB ESL established at 1.0 µg/L.
- Ethylbenzene was detected in 4 of 11 grab-groundwater samples at concentrations ranging from 0.95 µg/L (BV-25) to 3,500 µg/L (BV-24). Two samples (BV-23 and BV-24) exceed the RWQCB ESL established at 30 µg/L.
- Methy-tert butyl ether (MTBE) was detected in 3 of 11 grab-groundwater samples at concentrations ranging from 29 µg/L (BV-19) to 1,200 µg/L (BV-24). These samples exceed the RWQCB ESL established at 5.0 µg/L.
- Naphthalene was detected in two grab-groundwater samples (BV-23 and BV-24) at concentrations of 490 µg/L and 660 µg/L, respectively. These samples exceed the RWQCB ESL established at 17 µg/L.
- Toluene was detected in two grab-groundwater samples (BV-23 and BV-24) at concentrations of 220 µg/L and 340 µg/L, respectively. These samples exceed the RWQCB ESL established at 40 µg/L.
- Total xylenes were detected in 4 of 11 grab-groundwater samples at concentrations ranging from 1.6 µg/L (BV-19) to 9,700 µg/L (BV-24). Two samples (BV-23 and BV-24) exceed the RWQCB ESL established at 20 µg/L.

- Tetrachlorethene (PCE) was detected in 7 of 11 grab-groundwater samples at concentrations ranging from 0.71 µg/L (BV-28) to 38 µg/L (BV-22). Four samples (BV-20, BV-21, BV-22 and BV-26) exceed the RWQCB ESL established at 5.0 µg/L.
- Cis-1,2 Dichloroethene (DCE) was detected in 7 of 11 grab-groundwater samples at concentrations ranging from 0.65 µg/L (BV-22) to 65 µg/L (BV-24). Two samples (BV-22A and BV-24) exceed the RWQCB ESL established at 6.0 µg/L.
- Vinyl Chloride was detected in MW-22A at a concentration of 7.8 µg/L and exceeds the RWQCB ESL established at 0.5 µg/L.
- Concentrations of other petroleum-related compounds including n-butyl benzene, sec-butyl benzene, tert-butyl benzene, n-propyl benzene, isopropyl benzene, 1,2,4-trimethylbenzene (TMB) and 1,3,5-TMB were detected in grab-groundwater samples BV-19, BV-22A, BV-23, BV-24 and BV-25. Currently, there are no RWQCB ESLs for these compounds.
- Low-level concentrations of chlorinated solvents including trans-1,2 DCE and/or TCE were detected in grab-groundwater samples BV-19, BV-20, BV-22, BV-25 and BV-26. These concentrations are below their respective RWQCB ESLs.

4.4 QUALITY ASSURANCE/QUALITY CONTROL

The analytical laboratory data was reviewed by Bureau Veritas to establish its validity and to ensure the laboratory data was complete and accurate. Bureau Veritas verified that holding times for each analytical method were achieved and that the laboratory achieved the specific data quality objectives for each selected analytical method. A review of the data validation process indicates that the laboratories completed all QA/QC activities required for the samples such as blanks, lab control samples, matrix spikes, and duplicates. Minor QA/QC issues, which are common for these analyses, are noted in the laboratory reports presented in Appendices C and D. The QA/QC parameters for the samples were within acceptable limits and suggest that the data is useful for its intended purpose.

It should be noted that certain concentrations of chlorinated solvents in grab-groundwater could not be accurately determined at BV-23 and BV-24 because the analytical laboratory reported elevated detection limits at these location. The elevated detection limits were a result of dilution from the relatively high concentration of petroleum compounds detected and may have “masked” the chlorinated solvent concentrations.

5.0 DISCUSSION OF RESULTS

The following is a discussion of the Bureau Veritas’ findings during this investigation.

5.1 GEOLOGY AND HYDROGEOLOGY

Soils encountered during this investigation consisted primarily of silty fill material that is underlain by unconsolidated gravels containing varying percentages of sand, silt and clay. The soils beneath the Site are part of the Livermore Valley groundwater basin that consists of depositional braided stream channel sequences.

During this investigation, groundwater was generally encountered between 30 and 40 feet bgs. Historic static water levels in the vicinity of the Site have ranged between 17 and 69 feet bgs (Golder Associates, 2006). The groundwater flow direction beneath the Site is towards the northwest (Golder Associates, 2006).

5.2 VEHICLE REPAIR SHOPS

Bureau Veritas investigated vehicle hoists and oil sumps at selected locations throughout the Site (figure 2). Evidence of petroleum impacted soils were not identified or observed in the soils during the drilling of the soil in the vehicle repair shops with the exception of the used oil room located on the southwest side of the service building (Boring BV-03) where petroleum impacted soils were noted during drilling. Soil samples submitted from BV-03 (3.5-4.0 feet bgs) reported concentrations of TPH and VOCs that are above applicable RWQCB ESLs for residential land use. Low-level concentrations of PCBs were also detected in soil; however, the concentration of PCB (Arochlor 1242) was below the applicable RWQCB ESL. In addition, concentrations of TPH, VOCs and PCBs were not detected in soil samples collected from deeper depths (11.5-12'). Furthermore, no concentrations of TPH, VOCs or PCBs were detected in the soil samples collected from adjacent soil borings (BV-02, BV-09, BV-05 and BV-28). The concentrations of TPH and VOCs in soil are most likely associated with the repair shop activities and appear to be limited in extent.

Low-level concentrations of TPH-d and TPH-mo were detected in the soil sample obtained from BV-04 (9.5-10.0') and are below applicable ESLs. This sample was collected adjacent to and below the base of the above-ground hoists. No VOCs or PCBs were detected in these soil samples. In addition, TPH, VOCs and PCBs were not detected in adjacent borings (BV-05, BV-06).

Bureau Veritas collected soil samples surrounding the automobile showroom (BV-21, BV-22, BV-23 and BV-24) which operated as a garage repair facility from about 1929 to 1963. Concentrations of TPH or VOCs were not detected in the soil samples collected in the vicinity of the former garage. The detected concentrations of TPH and VOCs in the grab-groundwater samples at these locations appear consistent with known off-site sources.

5.3 FORMER MACHINE SHOP

A former machine shop operated in the northwestern portion of the northern lot of the Site. Bureau Veritas completed one boring (BV-19) in the vicinity the former machine shop. No visible signs of contamination or odors were identified during the drilling operations at this borehole location. The soil sample submitted for analysis did not detect any concentrations of TPH or VOCs.

Concentrations of TPH and VOCs including benzene and MTBE were detected in the grab-groundwater sample collected at this location above regulatory ESLs. The location of BV-19 is located downgradient of the Valley Gas plume and the detected concentrations of TPH-d (1,500 µg/L), TPH-mo (1,600 µg/L), benzene (3.2 µg/L) and MTBE (29 µg/L) are likely representative of the downgradient groundwater conditions of the distal end of the petroleum hydrocarbon plume.

5.4 FORMER GASOLINE SERVICE STATIONS

The Site formerly contained two gasoline service stations located at the southwest and southeast portions of the Site (Figure 2). The following is a discussion of the associated findings at these locations.

5.4.1 Southwestern Former Gasoline Service Station

Two soil borings (BV-27 and BV-28) were advanced in the vicinity of the former gasoline service station located on the southwest portion of the Site (Figure 2). A 1944 Sanborn Fire Insurance Map depicts a UST in the vicinity of Boring BV-27.

During drilling of these borings, no evidence of TPH and VOCs were observed in the soil samples. No organic odors were identified during drilling. Boring logs denote backfill of gravel sub-base identified at a depth of 5.5 to 6.0 feet bgs, which may be tank backfill material. A soil sample was collected from each of these borings from below the suspected tank invert and submitted for chemical analysis. No concentrations of TPH or VOCs were detected in the soil samples (Table 1).

No concentrations of TPH and VOCs were detected in the grab-groundwater at BV-28. No concentrations of VOCs were detected in the grab-groundwater sample from BV-27. In addition, no TPH-g was detected in grab-groundwater at BV-27.

Only low-level concentrations of TPH-d and TPH-mo were detected in BV-27. However, it is important to note that grab-groundwater BV-27 was collected from an open borehole. Based upon Bureau Veritas' experience, false positive detections of TPH-d and TPH-mo are sometimes the result of collecting extractable TPH grab-groundwater samples from open boreholes. The source of the slightly elevated heavier end petroleum hydrocarbons is not known; however, the extent does not appear to persist because TPH-d and TPH-mo were not detected to the north (BV-28).

5.4.2 Southeastern Former Gasoline Service Station

Two soil borings (BV-25 and BV-26) were advanced in the vicinity of the former gasoline service station located on the southeast portion of the Site (Figure 2). No evidence of physical contamination was observed during the drilling of these borings. A 1944 Sanborn Fire Insurance Map depicts a UST in the vicinity of Boring BV-25 and BV-26.

Boring logs did not note backfill material typically associated with UST excavations (i.e. pea gravel, base rock fill, etc.) at these locations. However, during the drilling at BV-26, a sudden drop was noted between depths of 10 and 16 feet bgs (which may suggest a former location of a former UST or tank). A soil sample was collected from each of these borings from below the suspected tank invert and submitted for chemical analysis. No concentrations of TPH or VOCs were detected in the soil samples (Table 1).

A grab-groundwater sample was also collected from each of these borings. TPH-g was not detected in grab-groundwater at BV-26 and TPH-mo was not detected in grab-groundwater at BV-25. TPH-g was detected in grab-groundwater sample BV-25 at a concentration of 700 µg/L (Table 3, Figure 3). A low-level concentration of TPH-d was detected in groundwater at BV-25. In addition, low-level concentrations of petroleum based VOCs including benzene, n-butyl benzene, sec-butyl benzene and tert-butyl benzene

were detected in grab-groundwater at BV-25. It appears that concentrations of TPH-g and TPH-d in grab-groundwater may be associated with the off-site Valley Gas petroleum plume.

Low-level concentrations of TPH-d and TPH-mo were also detected in grab-groundwater at BV-25 at the property boundary. During the drilling of BV-25, the borehole collapsed to a depth of 10 feet bgs and the grab-groundwater sample was collected with the Hydropunch® sampler within this borehole. It is important to note that interference from above-lying soils may have caused false-positive detections of extractable TPH (as referenced above). The source of the slightly elevated heavier end petroleum hydrocarbons is not known; however, the detected concentrations may be associated with the off-site Valley Gas petroleum release immediately across the street.

5.5 VALLEY GAS PETROLEUM PLUME

BTEX and MTBE were detected only in grab-groundwater samples BV-19, BV-23, BV-24 and BV-25 (Table 1). Concentrations of benzene, MTBE and TPH-g and the estimated extent of each compound associated with the Valley Gas petroleum plume are presented on Figure 3. As presented on the figure, the grab-groundwater petroleum hydrocarbon plume is located immediately to the north of Borings BV-25 and BV-26 with the highest groundwater concentrations of petroleum compounds detected in samples BV-23 and BV-24 located on the upgradient property boundary of the Site.

Benzene and MTBE were detected in the furthest down-gradient grab-groundwater sample (BV-19) at concentrations of 3.5 µg/L and 29 µg/L (Figure 3). MTBE was only detected in two other grab-groundwater samples (BV-23 and BV-24) with the highest detection at BV-24 (1,200 µg/L).

Two grab-groundwater samples were collected from BV-22 to evaluate the concentrations of VOCs and TPH with depth in the aquifer. Sample BV-22 was collected from an open borehole with a temporary well screen placed approximately 32 to 37 feet bgs. BV-22A was collected from an adjacent borehole with a Hydropunch® sampler that was screened between 41 and 43 feet bgs. In general, the analytical results indicate higher concentrations of TPH and VOCs were detected from the deeper grab-groundwater sample (BV-22A).

Relatively high concentrations of TPH-g and TPH-d were detected in grab-groundwater samples BV-19, BV-22A, BV-23 and BV-24. The analytical laboratory noted that sheen or product was present in the samples collected from BV-22A, BV-23 and BV-24. These samples are representative of the petroleum impacted groundwater plume associated with the Valley Gas service station. Only BV-23 and BV-24 are within the approximate limit of source zone as noted by Golder Associates (June 2006).

Moderate TPH-g and TPH-d concentrations were detected at BV-25. The analytical laboratory noted that the chromatograms for this sample were not representative of the TPH-g and TPH-d standards but similar to chromatograms of BV-19, BV-22A, BV-23 and BV-24. Based on these data, the TPH concentrations associated with BV-25 are likely associated with the Valley Gas groundwater petroleum plume.

In general, the grab-groundwater analytical results from this investigation indicate that the concentrations of dissolved petroleum hydrocarbons are generally consistent with the existing information regarding the known extent and concentration of the contaminant plume.

5.6 CHLORINATED SOLVENT PLUME

Concentrations of chlorinated solvents including tetrachloroethene (PCE) and its associated daughter compounds of trichloroethene (TCE), cis-1,2 dichloroethene (DCE), trans-1,2 DCE and vinyl chloride were detected in the grab-groundwater samples (Table 1). No chlorinated VOCs were detected in samples BV-23, BV-24 and BV-27; however, elevated detection limits were noted in samples BV-23 and BV-24. The total concentrations of chlorinated VOCs are presented on Figure 4.

In addition, concentrations of PCE breakdown components are more prevalent in areas where the groundwater flow transects the Valley Gas groundwater petroleum plume (Figure 3 and 4). It appears that the relatively high concentrations of petroleum hydrocarbons in/near the source zone may be causing degradation of the chlorinated solvent plume.

Based on these findings, the source of the detected chlorinated solvents appears to be associated with an upgradient release.

5.7 NORTHERN LOT

The northern portion of the Site (as represented by Boring BV-10 through BV-18) contained low-level concentrations of petroleum hydrocarbons in the composite soil samples collected from the shallow near surface soils (1.5-2.0'). The concentrations of detected TPH in fill material are below applicable regulatory screening limits. In addition, TPH was not detected in the deeper soils colleted between 7.5 and 8.0 feet bgs. The extent of the low-level detections of TPH appear to be confined to the near surface soil fill.

No concentrations of OC pesticides or PCBs were detected in the composite soil samples collected from Borings BV-10 through BV-18.

Composite soils within the fill material in the northern lot contained concentrations of total chromium, arsenic and lead (Table 2). According to the 2002 Lawrence Berkeley National Laboratory report *Background Distributions of Metals in the Soil at LBNL*, the mean concentration of total chromium in soil samples from the property was 1.7 mg/kg to 144 mg/kg with an arithmetic mean of 58 mg/kg. In addition, according to the February 2005 RWQCB's *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater,* background concentrations of total chromium can be significantly higher and potentially over 1,000 mg/kg. It appears that the concentrations of total chromium fall with in the range of background soils in the area.

Furthermore, the *USEPA Groundwater Issue: Behavior of Metals in Soils* (October 1992) states that the average concentration of arsenic in soil is 5.0 mg/kg, with a common range of 1.0 to 50 mg/kg. In addition, background concentrations of arsenic in soils range from <0.1 to 97 mg/kg (Shacklette and Boergnen, 1984) in the conterminous U.S. and from 0.59 to 11 mg/kg (Bradford et al., 1996) in California soils (as cited in the 2004 PRG user's guide). It appears that the concentrations of total arsenic fall with in the range of background soils in the area with the exception of one composite soil sample (BV-16, 17, 18 @ 1.5-2.0').

Total arsenic and total lead was detected in one composite soil sample (BV-16, 17, 18 @1.5-2.0') at concentrations of 18 mg/kg and 950 mg/kg, respectively. The total arsenic concentration is above the

normal background range of California soils and total lead exceeded the RWQCB ESL established at 150 mg/kg. Therefore, Bureau Veritas analyzed the shallow soil samples (1.5-2.0') discretely at each of these locations. The analytical results reported slightly elevated arsenic concentrations at BV-17 (12 mg/kg) and BV-18 (48 mg/kg). Total lead was detected at BV-16 and BV-18 at concentrations of 320 mg/kg and 4,900 mg/kg. The deeper composite samples did not contain elevated concentrations of total lead or arsenic. In addition, shallow soil composite samples collected to the east (BV-13,14,15 @ 1.5-2.0') did not detect the presence of elevated lead or arsenic concentrations.

Based on these findings, the concentrations of total lead and arsenic appear to be limited to the soil fill material above seven feet bgs in the northwest portion of the Site.

6.0 CONCLUSIONS

Bureau Veritas advanced a total of 28 soil borings during this subsurface investigation. A total of 29 soil samples and 11 grab-groundwater samples were collected to evaluate the potential presence of chemicals of concern that may have been associated with former and present operations at the Site, known off-site petroleum hydrocarbon contamination associated with the Valley Gas facility and unknown sources of chlorinated solvents detected in groundwater.

Based on the information obtained during this investigation, Bureau Veritas concludes the following:

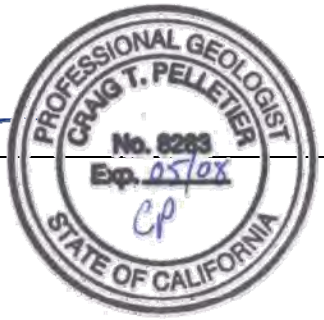
- Groundwater flow is towards the northwest based upon the chemical analytical data, as documented in previous reports.
- Petroleum hydrocarbons were identified in soil in the vicinity of the used oil room (BV-03). The analytical results indicate that there is limited soil petroleum hydrocarbon contamination in the vicinity of the used oil room. The soil contamination at this location is likely associated with the current Site operational uses.
- Total arsenic and lead in soil were detected in the shallow near-surface soils (1.5-2.0 feet) in the northern lot at concentrations above RWQCB ESLs. The extent of these chemicals of concern appears limited to the northwest portion of the Site near Borings BV-16, BV-17 and BV-18.
- Petroleum hydrocarbons including BTEX, MTBE and TPH were detected in the grab-groundwater samples at the Site above RWQCB ESLs and the California Primary MCLs (where established). The analytical data is fairly consistent with data previously collected at the Site. Based on these findings, petroleum hydrocarbons in groundwater beneath the Site are associated with the Valley Gas facility.
- Chlorinated VOCs were detected in the groundwater beneath the Site above the RWQCB ESLs and/or California primary MCLs. As presented on Figure 4, the origin of these chemicals appears to be originating from an off-site source. The petroleum hydrocarbon plume associated with the Valley Gas facility appears to be causing degradation of the chlorinated solvent plume.

7.0 RECOMMENDATIONS

Based on the results of this investigation, Bureau Veritas recommends that a dialogue be initiated with the appropriate regulatory agency to discuss the necessity for further characterization of impacted groundwater or cleanup of Valley Gas Plume. As the Site is located within the Downtown Livermore Redevelopment Area, Bureau Veritas recommends that the Site be entered into a Voluntary Cleanup Program to facilitate remedial efforts that may be required to obtain Site closure.

8.0 SIGNATURES

This report prepared by:



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Director
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April 19, 2007

Project No. 33107-007514.03

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TABLES

TABLE 1
Soil Analytical Results - TPH, PAHs, VOCs, PCBs and OC Pesticides
57/59 South L Street
Livermore California

Soil Sample ID	Sample Depth (feet bgs)	Sample Date	TPH-g (mg/kg)	TPH-d (mg/kg)	TPH-mo (mg/kg)	PAHs (mg/kg)	1,2-Dichloro-benzene (mg/kg)	4-Isopropyl toluene (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)	Other VOCs (mg/kg)	Arochlor 1242 (mg/kg)	Total PCBs (mg/kg)	OC Pesticides (mg/kg)
BV-01	7.5-8.0'	3/8/2007	<1.0	<1.0	<5.0	NA	<0.005	<0.005	<0.005	<0.005	ND	<0.025	<0.025	NA
BV-02	9.5-10.0'	3/8/2007	<1.0	<1.0	<5.0	NA	<0.005	<0.005	<0.005	<0.005	ND	<0.025	<0.025	NA
BV-03	3.5-4.0'	3/8/2007	**5,000 g**	**1,800 n,g**	**420**	NA	**22**	**7.5**	**23**	**7.6**	ND	**0.12**	**0.12**	NA
BV-03	11.5-12.0'	3/8/2007	<1.0	<1.0	<5.0	NA	<0.005	<0.005	<0.005	<0.005	ND	<0.025	<0.025	NA
BV-04	9.5-10.0'	3/8/2007	<1.0	**4.4 g,b**	**13**	NA	<0.005	<0.005	<0.005	<0.005	ND	<0.025	<0.025	NA
BV-05	7.5-8.0'	3/8/2007	<1.0	<1.0	<5.0	NA	<0.005	<0.005	<0.005	<0.005	ND	<0.025	<0.025	NA
BV-06	7.5-8.0'	3/8/2007	<1.0	<1.0	<5.0	NA	<0.005	<0.005	<0.005	<0.005	ND	<0.025	<0.025	NA
BV-07	11.5-12.0'	3/8/2007	<1.0	<1.0	<5.0	NA	<0.005	<0.005	<0.005	<0.005	ND	<0.025	<0.025	NA
BV-08	7.5-8.0'	3/8/2007	<1.0	<1.0	<5.0	NA	<0.005	<0.005	<0.005	<0.005	ND	<0.025	<0.025	NA
BV-09	7.5-8.0'	3/8/2007	<1.0	<1.0	<5.0	NA	<0.005	<0.005	<0.005	<0.005	ND	<0.025	<0.025	NA
BV-10,11,12	1.5-2.0'	3/9/2007	<1.0	**19 g,b**	**90**	ND	NA	NA	NA	NA	NA	<5.0	<5.0	ND
BV-10,11,12	7.5-8.0'	3/9/2007	<1.0	<1.0	<5.0	ND	NA	NA	NA	NA	NA	<0.050	<0.050	ND
BV-13,14-15	1.5-2.0'	3/9/2007	<1.0	**9.2 g,b**	**66**	ND	NA	NA	NA	NA	NA	<5.0	<5.0	ND
BV-13,14-15	7.5-8.0'	3/9/2007	<1.0	<1.0	<5.0	ND	NA	NA	NA	NA	NA	<0.025	<0.025	ND
BV-16,17,18	1.5-2.0'	3/9/2007	<1.0	**43 g,b**	**190**	ND	NA	NA	NA	NA	NA	<25	<25	ND
BV-16,17,18	7.5-8.0'	3/9/2007	<1.0	<1.0	<5.0	ND	NA	NA	NA	NA	NA	<0.025	<0.025	ND
BV-19	3.5-4.0'	3/9/2007	<1.0	<1.0	<5.0	NA	<0.005	<0.005	<0.005	<0.005	ND	NA	NA	NA
BV-20	3.5-4.0'	3/9/2007	<1.0	<1.0	<5.0	NA	<0.005	<0.005	<0.005	<0.005	ND	NA	NA	NA
BV-21	3.5-4.0'	3/9/2007	<1.0	<1.0	<5.0	NA	<0.005	<0.005	<0.005	<0.005	ND	NA	NA	NA
BV-22	5.5-6.0'	3/9/2007	<1.0	<1.0	<5.0	NA	<0.005	<0.005	<0.005	<0.005	ND	NA	NA	NA
BV-23	9.5-10.0'	3/9/2007	<1.0	<1.0	<5.0	NA	<0.005	<0.005	<0.005	<0.005	ND	NA	NA	NA
BV-24	5.5-6.0'	3/8/2007	<1.0	<1.0	<5.0	NA	<0.005	<0.005	<0.005	<0.005	ND	NA	NA	NA
BV-25	19.5-20.0'	3/8/2007	<1.0	<1.0	<5.0	NA	<0.005	<0.005	<0.005	<0.005	ND	NA	NA	NA
BV-26	15.5-16.0'	3/8/2007	<1.0	<1.0	<5.0	NA	<0.005	<0.005	<0.005	<0.005	ND	NA	NA	NA
BV-27	11.5-12.0'	3/8/2007	<1.0	<1.0	<5.0	NA	<0.005	<0.005	<0.005	<0.005	ND	NA	NA	NA
BV-28	15.5-16.0'	3/8/2007	<1.0	<1.0	<5.0	NA	<0.005	<0.005	<0.005	<0.005	ND	NA	NA	NA
RWQCB ESL			**100**	**100**	**500**	**--**	**1.1**	**--**	**--**	**--**	--	**0.22**	**0.22**	**--**

Notes:
Sample depths in feet below ground surface (bgs).
Analytical results are reported in milligrams per kilogram (mg/kg) or parts per million (ppm).
TPH-g = Total petroleum hydrocarbons quantified as gasoline.
TPH-d = Total petroleum hydrocarbons quantified as diesel.
TPH-mo = Total petroleum hydrocarbons quantified as motor oil.
TPH-d and TPH-mo analyzed using USEPA Method 8015M with Silica Gel Cleanup.
VOCs analyzed using USEPA Method 8260B
PCBs = Polychlorinated bi-phenols; analyzed by USEPA Method 8082A
OC Pesticides = Organochlorine pesticides; analyzed by USEPA Method 8081B
<1.0 = Not detected at specified detection limit.
g = oil range compounds are significant
n = stoddard solvent/mineral oil
ND = Not detected
NA = Not analyzed for this compound.
RWQCB ESL = Regional Water Quality Control Board - San Francisco Bay Region Environmental Screening Level, for residential land use (Table A, RWQCB, February 2005).

TABLE 2
Soil Analytical Results - RCRA Metals
57/59 South L Street
Livermore, California

Soil Sample ID	Sample Depth (feet bgs)	Sample Date	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)	Mercury (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)
BV-10,11,12	1.5-2.0'	3/9/2007	**10**	**210**	<0.25	**61**	**82**	**0.28**	<0.5	<0.5
BV-10,11,12	7.5-8.0'	3/9/2007	**3.2**	**150**	<0.25	**52**	**17**	**0.1**	<0.5	<0.5
BV-13,14-15	1.5-2.0'	3/9/2007	**10**	**170**	<0.25	**83**	**53**	**0.19**	<0.5	<0.5
BV-13,14-15	7.5-8.0'	3/9/2007	**3.9**	**110**	<0.25	**58**	**5.3**	**0.056**	<0.5	<0.5
BV-16,17,18	1.5-2.0'	3/9/2007	**18**	**180**	<0.25	**46**	**950**	**0.26**	<0.5	<0.5
BV-16	1.5-2.0'	3/9/2007	**4.7**	NA	NA	NA	**320**	NA	NA	NA
BV-17	1.5-2.0'	3/9/2007	**12**	NA	NA	NA	**92**	NA	NA	NA
BV-18	1.5-2.0'	3/9/2007	**48**	NA	NA	NA	**4,900**	NA	NA	NA
BV-16,17,18	7.5-8.0'	3/9/2007	**4.9**	**200**	<0.25	**69**	**6.8**	**0.1**	<0.5	<0.5
RWQCB ESL			**5.5**	**750**	**1.7**	**58**	**150**	**3.7**	**10**	**20**

Notes:
Sample depths in feet below ground surface (bgs).
Analytical results are reported in milligrams per kilogram (mg/kg) or parts per million (ppm).
RCRA Metals analyzed using USEPA 6000/7000 Series Methods
<1.0 = Not detected at specified detection limit.
NA = Not analyzed for this compound
RWQCB ESL = Regional Water Quality Control Board - San Francisco Bay Region
Environmental Screening Level, for residential land use (Table A, RWQCB, February 2005).
RCRA = Resource Conservation Recovery Act

TABLE 3
Grab-Groundwater Analytical Results - TPH
57/59 South L Street
Livermore, California

Sample ID	Sample Date	TPH-g (µg/L)	TPH-d (µg/L)	TPH-mo (µg/L)
BV-19	3/9/2007	**1,500 m,i**	**1,600 k,i**	<250
BV-20	3/9/2007	**64 f,i**	<50 i	<250
BV-21	3/9/2007	<50 i	<50 i	<250
BV-22	3/9/2007	**62 i**	<50 g,i	**350**
BV-22A	3/9/2007	**9,300 b,m,h,i**	**64,000 n,h,i**	<12,000
BV-23	3/9/2007	**50,000 a,h,i**	**43,000 d,h,i**	**720**
BV-24	3/8/2007	**61,000 a,h,i**	**79,000 d,h,i**	<12,000
BV-25	3/8/2007	**700 m**	**290 n,i**	<250
BV-26	3/8/2007	<50 i	**110 g,b,i**	**1,200**
BV-27	3/8/2007	<50 i	**290 g,b,i**	**1,600**
BV-28	3/8/2007	<50 i	<50 i	<250
RWQCB ESL		**100**	**100**	**100**

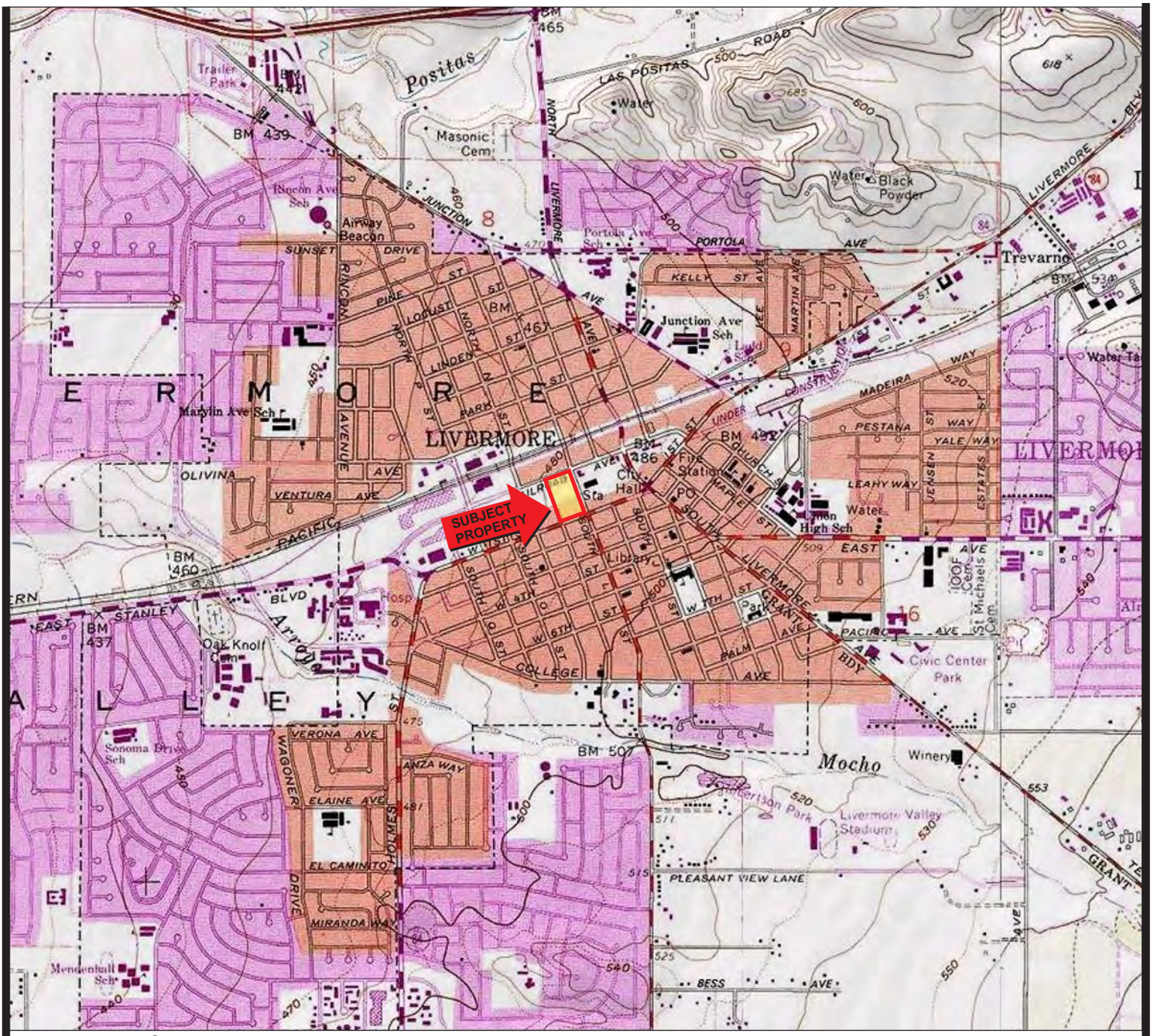
Notes:
Sample depths in feet below ground surface (bgs).
Analytical results are reported in micrograms per liter (µg/L) or parts per billion (ppb).
TPH-g = Total petroleum hydrocarbons quantified as gasoline.
TPH-d = Total petroleum hydrocarbons quantified as diesel.
TPH-mo = Total petroleum hydrocarbons quantified as motor oil.
TPH-d and TPH-mo analyzed using USEPA Method 8015M with Silica Gel Cleanup.
VOCs analyzed using USEPA Method 8260B
<1.0 = Not detected at specified detection limit.
a = unmodified or weakly modified diesel is significant
b = heavier gasoline range hydrocarbons are significant
d = gasoline range compounds are significant
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
m = fuel oil
n = stoddard solvent/mineral oil
RWQCB ESL = Regional Water Quality Control Board - San Francisco Bay Region Environmental Screening Level where groundwater is a potential source of drinking water (Table A, RWQCB, February 2005).

TABLE 4
Grab-Groundwater Analytical Results - VOCs
57/59 South L Street
Livermore, California

Sample ID	Sample Date	Benzene (µg/L)	n-Butyl benzene (µg/L)	sec-Butyl benzene (µg/L)	tert-Butyl benzene (µg/L)	n-propyl benzene (µg/L)	Ethyl-benzene (µg/L)	Isopropyl-benzene (µg/L)	MTBE (µg/L)	Napthalene (µg/L)	Toluene (µg/L)	1,2,4-TMB (µg/L)	1,3,5 TMB (µg/L)	Total Xylenes (µg/L)	cis-1,2 DCE (µg/L)	TCE (µg/L)	PCE (µg/L)	Vinyl Chloride (µg/L)
BV-19	3/9/2007	**3.5**	**2.3**	**1.1**	**2.9**	**0.95**	**0.86**	<0.5	**29**	<0.5	<0.5	**0.77**	<0.5	**1.6**	**2.4**	**1.1**	<0.5	<0.5
BV-20	3/9/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.74**	**0.63**	**30**	<0.5
BV-21	3/9/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**31**	<0.5
BV-22	3/9/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.65**	**1.0**	**38**	<0.5
BV-22A	3/9/2007	<2.5	**56**	**24**	<2.5	**66**	**25**	**42**	<2.5	<2.5	<2.5	<2.5	**3.5**	**2.5**	**12**	<2.5	**4.2**	**7.8**
BV-23	3/9/2007	**1,100**	**160**	<50	<50	**510**	**3,400**	**180**	**90**	**490**	**220**	**1,500**	**540**	**4,200**	<50	<50	<50	<50
BV-24	3/8/2007	**3,100**	**140**	**72**	<50	**460**	**3,500**	**100**	**1,200**	**660**	**340**	**2,100**	**660**	**9,700**	**65**	<50	<50	<50
BV-25	3/8/2007	**1.0**	**1.3**	**1.8**	**1.5**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**22**	**2.7**	**3.7**	<0.5
BV-26	3/8/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**4.2**	**0.67**	**5.1**	<0.5
BV-27	3/8/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV-28	3/8/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.71**	<0.5
RWQCB ESL		**1.0**	**--**	**--**	**--**	**--**	**30**	**--**	**5.0**	**17**	**40**	**--**	**--**	**20**	**6.0**	**5.0**	**5.0**	**0.5**
DHS MCL		**1.0**	**--**	**--**	**--**	**--**	**300**	**--**	**13**	**--**	**150**	**5.0**	**--**	**1,750**	**6.0**	**5.0**	**5.0**	**0.5**

Notes:
VOCs = Volatile organic compounds
DCE = Dichloroethene
PCE = Tetrachlorethene
TCE = Trichloroethene
TMB = Trimethylbenzene
MTBE = Methyl tert butyl ether
Analytical results are reported in micrograms per liter (µg/L) or parts per billion (ppb).
<0.005 = Not detected at specified detection limit.
ND = Not detected at the laboratory method detection limit.
VOCs analyzed by USEPA Method 8260B.
RWQCB ESL = Regional Water Quality Control Board - San Francisco Bay Region Environmental Screening Level, Groundwater (Table A, 2005) where groundwater is a potential source of drinking water.
DHS MCL = California Department of Health Services Maximum Contaminant Level - A Compilation of Water Quality Goals, August 2003.
-- = No regulatory limit established for this analyte.
Bolded and shaded indicates where RWQCB ESL and/or DHS MCL was exceeded for this analyte.

FIGURES



Source: TOPO! © 2000 National Geographic Holdings

Note: Location Information is Approximate

1 1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

Portion of the 7.5-Minute Series Livermore, California
Quadrangle Topographic Map (Datum: NAD 27)
United States Department of the Interior
Geological Survey
1980 Photorevised from 1978

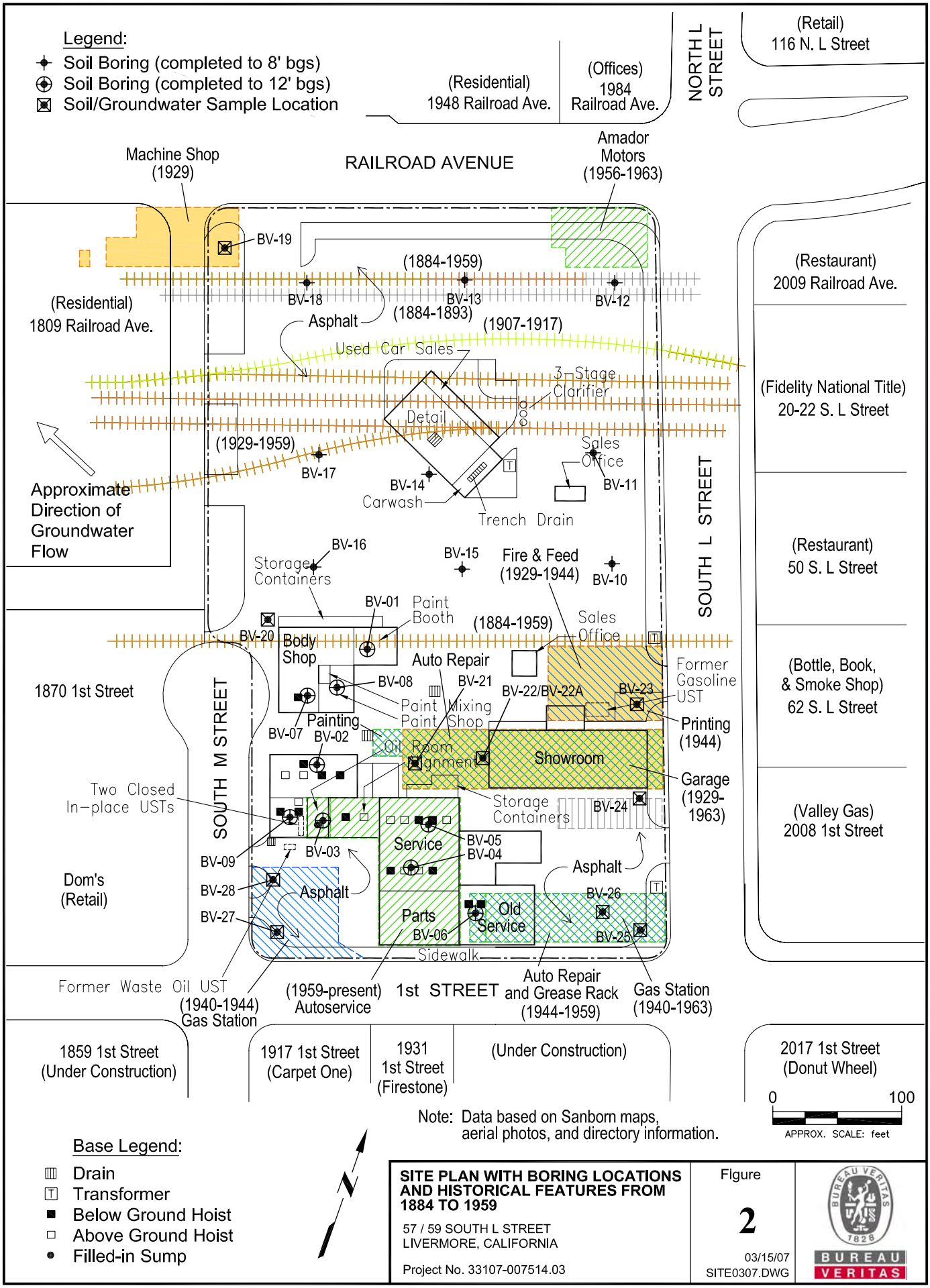
N

CALIF

QUADRANGLE LOCATION

SUBJECT PROPERTY LOCATION	FIGURE
57/59 South L Street Livermore, California Project No. 33107-007514.03	1

BUREAU VERITAS



SITE PLAN WITH BORING LOCATIONS AND HISTORICAL FEATURES FROM 1884 TO 1959

57 / 59 SOUTH L STREET
LIVERMORE, CALIFORNIA

Project No. 33107-007514.03

Figure **2**

03/15/07
SITE0307.DWG

BUREAU VERITAS

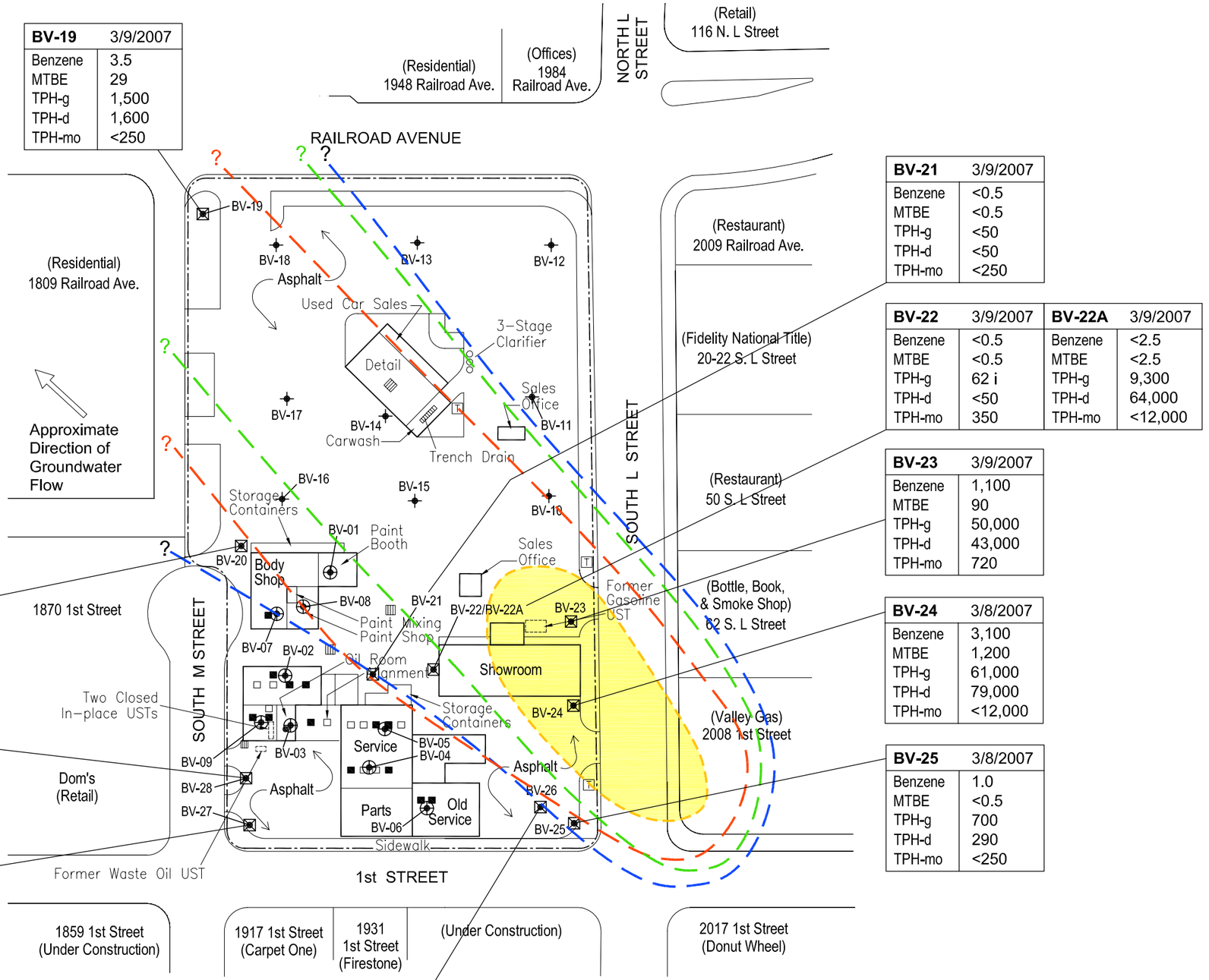
Legend:

- Soil Boring (completed to 8' bgs)
- Soil Boring (completed to 12' bgs)
- Soil/Groundwater Sample Location
- Approximate Extent of TPH-g
- Approximate Extent of MTBE
- Approximate Extent of Benzene
- Approximate Limit of Source Zone

MTBE = methyl tert butyl ether
TPH = Total Petroleum Hydrocarbons
TPH-g = TPH as gasoline
TPH-d = TPH as diesel
TPH-mo = TPH as motor oil

Notes:

1. Concentrations in micrograms per liter or parts per billion.
2. Samples collected on 3/8/2007 and 3/9/2007.
3. BV-22A collected from 43-45' below ground surface.
4. Approximate limit of source zone was obtained from Field investigation for Source Zone Remediation Report by Golder Associates Inc, June 6, 2006.



BV-19	3/9/2007
Benzene	3.5
MTBE	29
TPH-g	1,500
TPH-d	1,600
TPH-mo	<250

BV-21	3/9/2007
Benzene	<0.5
MTBE	<0.5
TPH-g	<50
TPH-d	<50
TPH-mo	<250

BV-22	3/9/2007	BV-22A	3/9/2007
Benzene	<0.5	Benzene	<2.5
MTBE	<0.5	MTBE	<2.5
TPH-g	62 i	TPH-g	9,300
TPH-d	<50	TPH-d	64,000
TPH-mo	350	TPH-mo	<12,000

BV-23	3/9/2007
Benzene	1,100
MTBE	90
TPH-g	50,000
TPH-d	43,000
TPH-mo	720

BV-24	3/8/2007
Benzene	3,100
MTBE	1,200
TPH-g	61,000
TPH-d	79,000
TPH-mo	<12,000

BV-25	3/8/2007
Benzene	1.0
MTBE	<0.5
TPH-g	700
TPH-d	290
TPH-mo	<250

BV-20	3/9/2007
Benzene	<0.5
MTBE	<0.5
TPH-g	64
TPH-d	<50
TPH-mo	<250

BV-28	3/8/2007
Benzene	<0.5
MTBE	<0.5
TPH-g	<50
TPH-d	<50
TPH-mo	<250

BV-27	3/8/2007
Benzene	<0.5
MTBE	<0.5
TPH-g	<50
TPH-d	290
TPH-mo	1,600

BV-26	3/8/2007
Benzene	<0.5
MTBE	<0.5
TPH-g	<50
TPH-d	110
TPH-mo	1,200

Base Legend:

- Drain
- Transformer
- Below Ground Hoist
- Above Ground Hoist
- Filled-in Sump

0 100
APPROX. SCALE: feet

CONCENTRATIONS OF PETROLEUM HYDROCARBONS IN GROUNDWATER

57 / 59 SOUTH L STREET
LIVERMORE, CALIFORNIA

Project No. 33107-007514.03

Figure
3
03/15/07
SITE0307.DWG

BUREAU VERITAS

Legend:
- Soil Boring (completed to 8' bgs)
- Soil Boring (completed to 12' bgs)
- Soil/Groundwater Sample Location
- Inferred Extent of Total Chlorinated VOCs

PCE = tetrachloroethene
TCE = trichloroethene
cis-1,2 DCE = cis-1,2 dichloroethene
trans-1,2 DCE = trans-1,2 dichloroethene
Total VOCs = Total Chlorinated VOCs
VOCs = Volatile Organic Compounds

Notes:
1. Concentrations in micrograms per liter or parts per billion.
2. Samples collected on 3/8/2007 and 3/9/2007.
3. BV-22A collected from 43-45' below ground surface.

BV-19	3/9/2007
PCE	<0.5
TCE	1.1
cis-1,2 DCE	2.4
trans-1,2 DCE	<0.5
Vinyl Chloride	<0.5
Total VOCs	3.5

BV-20	3/9/2007
PCE	30
TCE	0.63
cis-1,2 DCE	0.74
trans-1,2 DCE	<0.5
Vinyl Chloride	<0.5
Total VOCs	31.37

BV-28	3/8/2007
PCE	0.71
TCE	<0.5
cis-1,2 DCE	<0.5
trans-1,2 DCE	<0.5
Vinyl Chloride	<0.5
Total VOCs	0.71

BV-27	3/8/2007
PCE	<0.5
TCE	<0.5
cis-1,2 DCE	<0.5
trans-1,2 DCE	<0.5
Vinyl Chloride	<0.5
Total VOCs	0.0

BV-21	3/9/2007
PCE	31
TCE	<0.5
cis-1,2 DCE	<0.5
trans-1,2 DCE	<0.5
Vinyl Chloride	<0.5
Total VOCs	31

BV-22	3/9/2007
PCE	38
TCE	1.0
cis-1,2 DCE	0.65
trans-1,2 DCE	<0.5
Vinyl Chloride	<0.5
Total VOCs	39.65

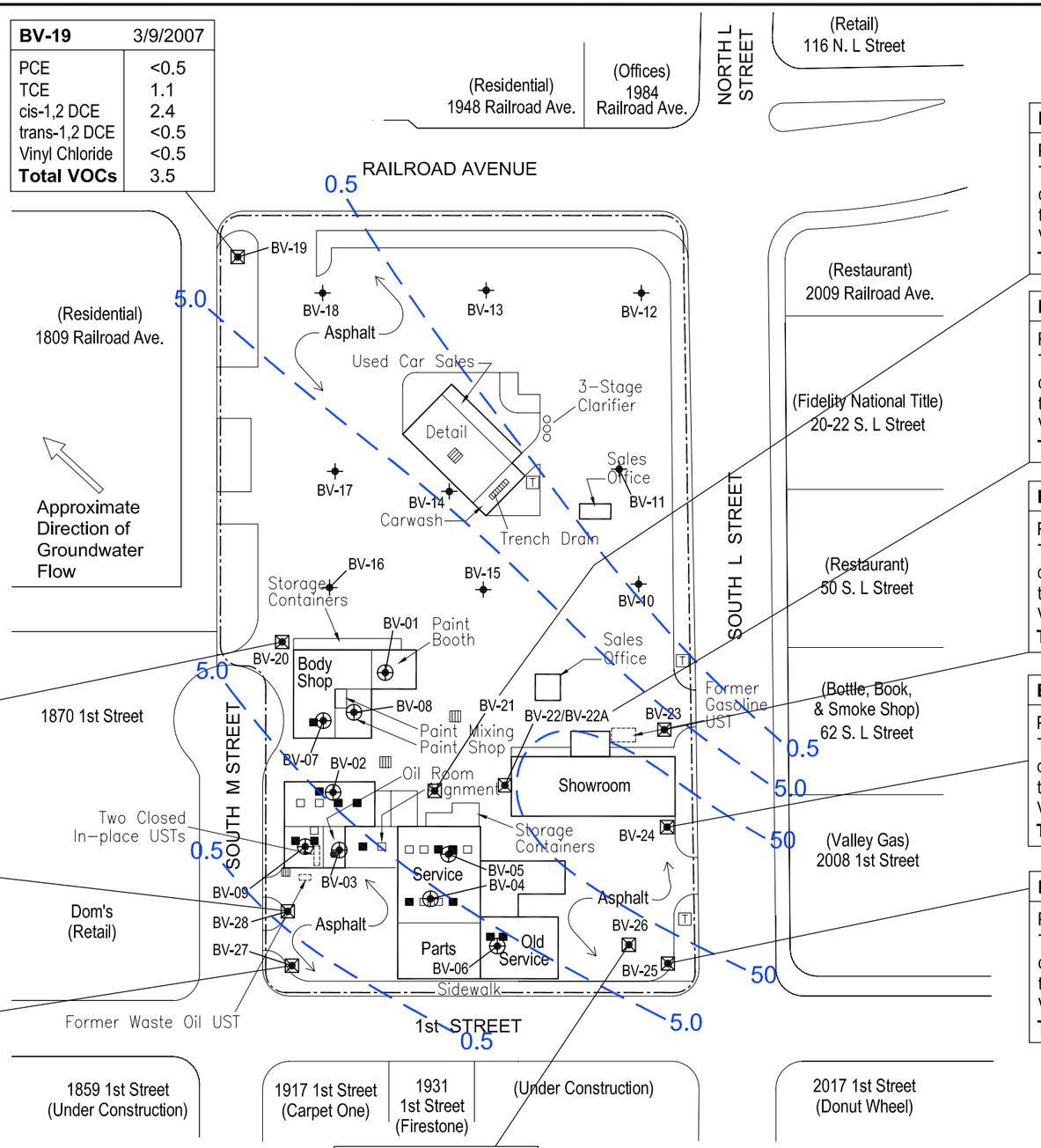
BV-22A	3/9/2007
PCE	4.2
TCE	<2.5
cis-1,2 DCE	12
trans-1,2 DCE	<2.5
Vinyl Chloride	7.8
Total VOCs	24

BV-23	3/9/2007
PCE	<50
TCE	<50
cis-1,2 DCE	<50
trans-1,2 DCE	<50
Vinyl Chloride	<50
Total VOCs	0.0

BV-24	3/8/2007
PCE	<50
TCE	<50
cis-1,2 DCE	65
trans-1,2 DCE	<50
Vinyl Chloride	<50
Total VOCs	65

BV-25	3/8/2007
PCE	3.7
TCE	2.7
cis-1,2 DCE	22
trans-1,2 DCE	1.0
Vinyl Chloride	<0.5
Total VOCs	29.4

BV-26	3/8/2007
PCE	5.1
TCE	0.67
cis-1,2 DCE	4.2
trans-1,2 DCE	<0.5
Vinyl Chloride	<0.5
Total VOCs	9.97



Base Legend:
- Drain
- Transformer
- Below Ground Hoist
- Above Ground Hoist
- Filled-in Sump

0 100
APPROX. SCALE: feet

CONCENTRATIONS OF CHLORINATED VOCs IN GROUNDWATER

57 / 59 SOUTH L STREET
LIVERMORE, CALIFORNIA

Project No. 33107-007514.03

Figure
4
03/15/07
SITE0307.DWG

BUREAU VERITAS

APPENDIX A

SOIL BORING PERMIT

ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

100 NORTH CANYONS PARKWAY, LIVERMORE, CA 94551-9486 PHONE (925) 454-5000

March 7, 2007

Mr. Craig Pelletier
Bureau Veritas (Clayton Group Services)
6920 Koll Center Parkway, Suite 216
Pleasanton, CA 94566

Dear Mr. Pelletier:

Enclosed is drilling permit 27044 for a contamination investigation at 57 – 59 South "L" Street in Livermore for Barry Swenson Builder. Also enclosed is a current drilling permit application for your files. Drilling permit applications for future projects can also be downloaded from our web site at www.zone7water.com.

Please note that permit conditions A-2 and G requires that a report be submitted after completion of the work. The report should include drilling and completion logs, location sketch, permit number and any analysis of the soil and water samples. Please submit the original of your completion report. We will forward your submittal to the California Department of Water Resources.

If you have any questions, please contact me at extension 5056 or Matt Katen at extension 5071.

Sincerely,

Wyman Hong

Wyman Hong
Water Resources Specialist

Enc.

ZONE 7 WATER AGENCY

100 NORTH CANYONS PARKWAY, LIVERMORE, CALIFORNIA 94551 VOICE (925) 454-5000 FAX (925) 454-5728

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 57 - 59 South L Street
Livermore, CA

California Coordinates Source — ft. Accuracy ± — ft.
CCN 37° 40' 53" N ft. CCE 121° 46' 20" W ft.
APN 97-3-7-1 and 98-405-4

CLIENT
Name Barry Swenson Builder
Address 777 N. First St., 5th Floor Phone 408.287.0246
City San Jose, CA Zip 95112

APPLICANT
Name Bureau Veritas North America Fax 925.426.0706
Address 6297 Sierra Center Pkwy Phone 925.426.2607
City Pleasanton, CA Zip 94566

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathodic Protection	☐	General	☐
Water Supply	☐	Contamination	☒
Monitoring	☐	Well Destruction	☐

PROPOSED WELL USE

New Domestic	☐	Irrigation	☐
Municipal	☐	Remediation	☐
Industrial	☐	Groundwater Monitoring	☐
Dewatering	☐	Other ____	☐

DRILLING METHOD:

Mud Rotary	☐	Air Rotary	☐	Hollow Stem Auger	☐
Cable Tool	☐	Direct Push	☒	Other ____	☐

DRILLING COMPANY ECA - Environmental Control Assoc. (B)
DRILLER'S LICENSE NO. C57 No. 645970

WELL PROJECTS
Drill Hole Diameter ____ in. Maximum
Casing Diameter ____ in. Depth ____ ft.
Surface Seal Depth ____ ft. Number ____

SOIL BORINGS
Number of Borings 28 Maximum
Hole Diameter 2 in. Depth ~45' ft.

ESTIMATED STARTING DATE 3/8/07
ESTIMATED COMPLETION DATE 3/9/07

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.
APPLICANT'S SIGNATURE [signature] Date 3/5/07
Craig Pelletier

ATTACH SITE PLAN OR SKETCH

PERMIT NUMBER 27044
WELL NUMBER
APN 097-0003-007-01 & 098-0405-004-00

PERMIT CONDITIONS

(Circled Permit Requirements Apply)

(A.) GENERAL
1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects or drilling logs and location sketch for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.
3. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
4. A sample port is required on the discharge pipe near the wellhead.

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

(D.) GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

E. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

F. WELL DESTRUCTION. See attached.

(G.) SPECIAL CONDITIONS. Submit to Zone 7 within 60 days after the completion of permitted work the well installation report including all soil and water laboratory analysis results.

Approved [signature] Wyman Hong Date 3/6/07
Wyman Hong

Revised: April 27, 2005

APPENDIX B

SOIL BORING LOGS

BUREAU VERITAS 1828

BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007514.02	BORING NO. BV-01
Project Name: 57 and 59 South L Street	
Location: Livermore, CALIFORNIA	
Logged By: CReutter / JWilson	
Start Date: 3-8-07	Start Time: 820 Elevation (ft, msl): —
Finish Date: 3-8-07	Finish Time: 900 Boring Diameter (in): 2
Driller: ECA	Drill Method: Direct Push
Hammer Weight: N/A	Drop: N/A
Borehole Completion Data: Neat Cement Grout	

Depth To ▽ (ft)		Depth To ▼ (ft)	
Time:		Time:	
Date:		Date:	

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME			DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
							1			GM	SILTY GRAVEL, Brown, dry, no odor
							2				Silt w/ gravel (25%), dark brown, moist, no odor
							3			ML	
48	42	3.5	0.0	835			4				
							5				
							6			GM	Silty gravel, Brown; moist, no odor, loose
							7				
48	36	7.5	0.0	845			8				
							9				Tan-brown, m-dense, dry, no odor
							10				
							11				
48	42	11.5	0.0	855			12				
											EOB
							13				EOD @ 12' bgs
							14				
							15				
							16				
							17				
							18				
							19				

BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007519.02	BORING NO. BV-02
Project Name: 57 and 59 South L Street	
Location: Livermore, CALIFORNIA	
Logged By: CHeuchler / JWilson	
Start Date: 3-8-07	Start Time: 915
Finish Date: 3-8-07	Finish Time: 950
Elevation (ft, msl):	
Boring Diameter (in): 2	
Driller: ECA	Drill Method: Direct Push
Hammer Weight: N/A	Drop: N/A
Borehole Completion Data: Neat Cement Grout	

Depth To ▽ (ft)		Depth To ▼ (ft)	
Time:		Time:	
Date:		Date:	

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
					0				Concrete to ~ 3"
					1			ML	SILT, brown, m-dense, dry to damp, trace to little gravel, no odor FILL material
					2				
					3				
4S	30	3.5	0.0	925	4				
					5				SILT, brown, m-dense, w/ gravel (15%), damp no odor FILL
					6				
					7				
4S	42	7.5	0.0	930	8				
					9				
		9.5		940	10			GM	SILTY GRAVEL, tan - brown, m-dense, damp, trace sands, no odor
					11				
4S	4S	11.5	0.0	945	12				
					13				EOB @ 12' bgs
					14				
					15				
					16				
					17				
					18				
					19				

BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007514.02	BORING NO. BV-03
Project Name: 57 and 59 South L Street	
Location: Livermore, CALIFORNIA	
Logged By: CReuther / JWilson	
Start Date: 3-8-07	Start Time: 1005 Elevation (ft, msl):
Finish Date: 3-8-07	Finish Time: 1055 Boring Diameter (in): 2
Driller: ECA	Drill Method: Direct Push
Hammer Weight: N/A	Drop: N/A
Borehole Completion Data: Neat Cement Grout	

Depth To ▽ (ft)		Depth To ▼ (ft)	
Time:		Time:	
Date:		Date:	

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
					0				6" Concrete
					1			ML	GRAVELLY SILT, dark brown to black, dense, dump, heavy petroleum odor FILL
					2				
					3				
48	42	3.5	189	1032	4				SILT, black, m-dense, dump, heavy petroleum odor, trace gravel FILL
					5				
					6			GM	SILTY GRAVEL, tan-brown, m-dense, some coarse sand, damp, trace petroleum odor
					7				
48	42	9.5	4.8	1040	8				
					9				
					10				SILTY GRAVEL, tan-brown, m-dense some coarse sand, damp, trace petroleum
					11				No Petroleum odor
48	42	11.5	1.6	1050	12				EOB
					13				
					14				
					15				
					16				
					17				Note: Shoe sample very heavy petroleum odor 0-4'
					18				
					19				

BUREAU VERITAS 1828

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007514.03			BORING NO.
Project Name: 57/59 South L St.			BV-04
Location: Livermore, CA.			
Logged By: Cameron / J. Wilson			
Start Date: 03/08/07	Start Time: 1115	Elevation (ft, msl): –	
Finish Date: 3/8/7	Finish Time: 1155	Boring Diameter (in): 2	
Driller: ECA		Drill Method: Direct Push.	
Hammer Weight: —		Drop: —	
Borehole Completion Data: Neat Cement Grout			
Depth To ▽ (ft)		Depth To ▼ (ft)	
Time:		Time:	
Date:		Date:	

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME			DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				1115			0				Concrete to 4"
							1			ML	SILT, tan, some gravel, m dense, dry, no odor, FILL
							2				
							3				trace gravel, brown, damp, no odor
48	36	3.5	0.0	1130			4				No Recovery 4-8'
							5				
							6				
							7				
48	–	–	0.0	1138			8				SILT, grey, dry, powdery, fill, trace gravel, no odor
							9				
24	8	9.5	0.0	1150			10				Refusal @ 10' bgs
							11				
							12				
							13				
							14				
							15				
							16				
							17				
							18				
							19				

BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007519.02	BORING NO. BV-05
Project Name: 57 and 59 South L Street	
Location: Livermore, CALIFORNIA	
Logged By: CReuther / JWilson	
Start Date: 3-8-07	Start Time: : 1230 Elevation (ft, msl):
Finish Date: 3-8-07	Finish Time: : Boring Diameter (in): 2
Driller: ECA	Drill Method: Direct Push
Hammer Weight: N/A	Drop: N/A
Borehole Completion Data: Neat Cement Grout	

Depth To ▽ (ft)		Depth To ▼ (ft)	
Time:		Time:	
Date:		Date:	

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
					0				~4" concrete
		1.0		1245	1			ML	Silt w/ gravel, brown, damp, m-dense, slight petroleum odor
					2				
					3				No odor
48	30	3.5	0.0	1250	4				
					5			GM	Silty Gravel, tan-brown, m-dense, dry-damp
					6				
					7				
48	30	8.5	0.0	1240	8				
					9			ML	Silty w/ Gravel, tan-brown, m-dense, dry-damp / No odor
					10				
					11				
48	42	11.5	0.0	1253	12				EOB
					13				
					14				
					15				
					16				
					17				
					18				
					19				

BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007519.02
Project Name: 57 and 59 South L Street
Location: Livermore, CALIFORNIA
Logged By: CReuther / JWilson 1305

BORING NO. BV-06

Start Date: 3-5-07 Start Time: 1305 Elevation (ft, msl):
Finish Date: 3-5-07 Finish Time: 1345 Boring Diameter (in): 2

Driller: ECA Drill Method: Direct Push
Hammer Weight: N/A Drop: N/A

Borehole Completion Data: Neat Cement Grout

Depth To ▽ (ft)		Depth To ▼ (ft)	
Time:		Time:	
Date:		Date:	

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME			DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
											~4" concrete + ~3" baserock
							1			ML	Silt w/ gravel, brown, loose, damp, no odor
							2				silt, brown, m-dense, moist, no odor
							3				trace gravel
4X	36	3.5	0.0	1315 MW			4	SS			
							5				Silt w/ gravel, brown, m-dense damp, no odor
							6				
							7			GM	Silty Gravel, ~~fine~~ to f, loose, dry-damp no odor
48	36	7.5	0.0	1325 MW			8	SS			
							9				
							10				
							11				m-dense, damp
48	48	11.5	0.0	1335 MW			12	SS			EOB
							13				
							14				
							15				
							16				
							17				
							18				
							19				

BUREAU VERITAS 1828

BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007514.02	BORING NO. BV-07
Project Name: 57 and 59 South L Street	
Location: Livermore, CALIFORNIA	
Logged By: CReuchlin / JWilson	
Start Date: 3-8-07	Start Time: 1355 Elevation (ft, msl):
Finish Date: 3-8-07	Finish Time: 1430 Boring Diameter (in): 2
Driller: ECA	Drill Method: Direct Push
Hammer Weight: N/A	Drop: N/A
Borehole Completion Data: Neat Cement Grout	

Depth To ▽ (ft)		Depth To ▼ (ft)	
Time:		Time:	
Date:		Date:	

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME			DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
											~3" concrete + 3" basecourse
							1			ML	- Silt w/ gravel, tan-brown, m-dense, damp, no odor. Fill
							2				
							3				
48	36	3.5	0.0	1405			4				
							5				
							6				dry-damp
							7				
48	24	7.5	0.0	1410			8				damp
							9				
							10				
							11			GW	Silty Gravel, brown, coarse sand, damp, loose. No odor. No tar
48	36	11.5	0.0	1415			12				EOB
							13				
							14				
							15				
							16				
							17				
							18				
							19				

BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007514.02	BORING NO. BV-08
Project Name: 57 and 59 South L Street	
Location: Livermore, CALIFORNIA	
Logged By: CReuter / JWilson	
Start Date: 3-8-07	Start Time: 1435 Elevation (ft, msl):
Finish Date: 3-8-07	Finish Time: 1505 Boring Diameter (in): 2
Driller: ECA	Drill Method: Direct Push
Hammer Weight: N/A	Drop: N/A
Borehole Completion Data: Neat Cement Grout	

Depth To ▽ (ft)		Depth To ▼ (ft)	
Time:		Time:	
Date:		Date:	

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
					0				~3" concrete + 3" baserock
					1				
					2			ML	Silt w/ trace gravel, dark brown/black, m-dense damp-moist, no odor
					3				
48	24	3.5	0.0	1445	4				
					5				Silty Gravel w/ coarse Sand, brown, damp, loose, no odor
					6			GM	
					7				
48	30	9.5	0.0	1450	8				
					9				moist
24	16	9.5	0.0	1455	10				Refusal @ 10' bgs
					EOB				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				

BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007514.02
Project Name: 57 and 59 South L Street
Location: Livermore, CALIFORNIA
Logged By: CBlackstock / JWilson

BORING NO. BV-09

Start Date: 3-8-07 Start Time: 1515 Elevation (ft, msl):
Finish Date: 3-8-07 Finish Time: 1540 Boring Diameter (in): 2

Driller: ECA Drill Method: Direct Push
Hammer Weight: N/A Drop: N/A

Borehole Completion Data: Neat Cement Grout

Depth To ▽ (ft)		Depth To ▼ (ft)	
Time:		Time:	
Date:		Date:	

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
					0				~3" concrete + 3" base rock
					1			ML	
					2				
					3				Silt w/gravel, brown, m-dense, damp, no odor
48	30	3.5	0.0	1520	4				
					5				
					6				Silty Gravel w/coarse sand, tan, dry-damp 1200sc No odor
					7			GM	
48	24	7.5	0.0	1525	8				
					9				dry
					10				
					11				damp m-dense
48	42	11.5	0.0	1530	12				
					13			EOB	EOB @ 12' bgs
					14				
					15				
					16				
					17				
					18				
					19				

BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007514.02	BORING NO. BV-10
Project Name: 57 and 59 South L Street	
Location: Livermore, CALIFORNIA	
Logged By: CReuther / JWilson	
Start Date: 3-9-07	Start Time: 1055 Elevation (ft, msl):
Finish Date: 3-9-07	Finish Time: 825 Boring Diameter (in): 2
Driller: ECA	Drill Method: Direct Push
Hammer Weight: N/A	Drop: N/A
Borehole Completion Data: Neat Cement Grout	
Depth To ▽ (ft)	Depth To ▼ (ft)
Time:	Time:
Date:	Date:

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
					0				~3" ~~Asphalt~~ Concrete + 3" base rock
		1.5			1				
					2			SM	Silty sand w/ gravel, brown, m-dense, dry-damp, no odor Fill
4B	24	3.5	0.0	800	3				
					4				
					5				
		6.0		810	6				
					7			GM	Silty Gravel w/ coarse sand, m-dense, dry-damp Native No odor
4B	24	7.5	0.0	807	8				EOB
					9				
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				

BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007519.02	BORING NO. BV-11
Project Name: 57 and 59 South L Street	
Location: Livermore, CALIFORNIA	
Logged By: CReuleke / JWilson	
Start Date: 3-9-07	Start Time: 829 Elevation (ft, msl):
Finish Date: 3-9-07	Finish Time: 845 Boring Diameter (in): 2
Driller: ECA	Drill Method: Direct Push
Hammer Weight: N/A	Drop: N/A
Borehole Completion Data: Neat Cement Grout	

Depth To ▽ (ft)		Depth To ▼ (ft)	
Time:		Time:	
Date:		Date:	

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME			DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
											w 3" asphalt + 3" baserock
		1.5		835			2			ML	Silt w/ gravel, brown, m-dense, dry-damp, no odor, FILL
48	36	3.5	0.0	832			4				
				840			7			GM	Silty Gravel w/ coarse Sand, brown, m-dense, damp, Native, No odor
48	36	2.5	0.0	838			8				EOB

BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007514.02	BORING NO. BV-12
Project Name: 57 and 59 South L Street	
Location: Livermore, CALIFORNIA	
Logged By: CReuther / JWilson	
Start Date: 3-4-07	Start Time: 850 Elevation (ft, msl):
Finish Date: 3-4-07	Finish Time: 905 Boring Diameter (in): 2
Driller: ECA	Drill Method: Direct Push
Hammer Weight: NA	Drop: N/A
Borehole Completion Data: Neat Cement Grout	

Depth To ▽ (ft)		Depth To ▼ (ft)	
Time:		Time:	
Date:		Date:	

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
					0				~3" asphalt & 3" baserock
		1.5		358	1				
					2			ML	Silt w/ gravel, brown, m-dense, dry to damp FILL
48	36	3.5	0.0	855	3				
					4				
					5				
					6				
		6.5		903	7				
48		7.5	0.0	900	8			GM	Silty Gravel w/ coarse sand, brown, dry to damp Native m-dense, no odor
									EOB
					9				
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				

BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007514.02
Project Name: 57 and 59 South L Street
Location: Livermore, CALIFORNIA
Logged By: CReutter / JWilson

BORING NO. BV-13

Start Date: 3-9-07 Start Time: 910 Elevation (ft, msl):
Finish Date: 3-9-07 Finish Time: 930 Boring Diameter (in): 2

Driller: ECA Drill Method: Direct Push
Hammer Weight: N/A Drop: N/A

Borehole Completion Data: Neat Cement Grout

Depth To ▽ (ft)		Depth To ▼ (ft)	
Time:		Time:	
Date:		Date:	

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
					0				~3" asphalt + 3" baserock
		1.5		910	1			ML	Silt w/ gravel, brown/tan, m-dense, dry, no odor Fill
48	36	3.5	0.0	914	2				
					3				
					4				
					5				
		6.0		921	6				dry - damp
					7			GM	Silty Gravel w/ Coarse Sand, brown, damp, no odor Native m-dense
48	30	7.5	0.0	918	8				EOB
					9				
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				

BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007514.02
Project Name: 57 and 59 South L Street
Location: Livermore, CALIFORNIA
Logged By: CReuter / JWilson

BORING NO. BV-14

Start Date: 3-9-07 Start Time: 940 Elevation (ft, msl):
Finish Date: 3-9-07 Finish Time: 1000 Boring Diameter (in): 2

Driller: ECA Drill Method: Direct Push
Hammer Weight: NA Drop: N/A

Borehole Completion Data: Neat Cement Grout

Depth To ▽ (ft)		Depth To ▼ (ft)	
Time:		Time:	
Date:		Date:	

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
					0				~3" asphalt + 3" baserock
		1.5		945	1			ML	Silt w/ gravel, brown, m-dense, damp
					2				Fill trace brick fragments, no odor
					3				
48	36	3.5	0.0	943	4				Same cont'd moist
					5				
		5.5		951	6				
					7			GM	Silty Gravel w/ coarse Sand, brown, damp/moist, m-dense, no odor
48	24	7.5	0.0	948	8				
									EOB
					9				
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				

BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007514.02	BORING NO. BV-15
Project Name: 57 and 59 South L Street	
Location: Livermore, CALIFORNIA	
Logged By: CBeuchler / JWilson	
Start Date: 3-9-07	Start Time: 1003 Elevation (ft, msl):
Finish Date: 3-9-07	Finish Time: 1025 Boring Diameter (in): 2
Driller: ECA	Drill Method: Direct Push
Hammer Weight: NA	Drop: N/A
Borehole Completion Data: Neat Cement Grout	

Depth To ▽ (ft)		Depth To ▼ (ft)	
Time:		Time:	
Date:		Date:	

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
					0				~3" asphalt + 3" baserock
					1				SILT w/ GRAVEL, brown, m-dense, damp, no odor
		1.5			2			ML	
				1011					
					3				Silt w/ gravel, brown, m-dense, damp, no odor Fill
48	24	3.5	0.0	1010	4				
									Some coarse sand
		4.5		1015	5				Silty Gravel w/ coarse sand, brown damp m-dense, no odor
					6			GM	Native
					7				
48	24	7.5	0.0	1013	8				EOB
					9				
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				

BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007519.02	BORING NO. BV-16
Project Name: 57 and 59 South L Street	
Location: Livermore, CALIFORNIA	
Logged By: CReuthe / JWilson	
Start Date: 3-9-07	Start Time: : 1027 Elevation (ft, msl):
Finish Date: 3-9-07	Finish Time: : 1047 Boring Diameter (in): 2
Driller: ECA	Drill Method: Direct Push
Hammer Weight: N/A	Drop: N/A
Borehole Completion Data: Neat Cement Grout	

Depth To ▽ (ft)		Depth To ▼ (ft)	
Time:		Time:	
Date:		Date:	

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
					0				~3" Asphalt ~3" baserock
		1.5		1035	1			ML	Silt w/ gravel, brown, m-dense, damp, no odor Fill
			0.0		2				
					3				
48	36	3.5	0.0	1032	4				
					5				
					6				
		6.5		1040	7				
48	24	9.5	0.0	1038	8			GM	Silty Gravel w/ Coarse Sand, brown, m-dense Native damp, no odor
									EOB
					9				EOB @ 8 ft bgs
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				

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BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007519.02	BORING NO. BV-17
Project Name: 57 and 59 South L Street	
Location: Livermore, CALIFORNIA	
Logged By: CReuter / JWilson	
Start Date: 3-9-07	Start Time: 1049 Elevation (ft, msl):
Finish Date: 3-9-07	Finish Time: 1110 Boring Diameter (in): 2
Driller: ECA	Drill Method: Direct Push
Hammer Weight: N/A	Drop: N/A
Borehole Completion Data: Neat Cement Grout	

Depth To ▽ (ft)		Depth To ▼ (ft)	
Time:		Time:	
Date:		Date:	

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
					0				~3" Asphalt + 3" baserock
		1.5		1056	1			ML	Silt w/ gravel, brown, m-dense, damp, no odor Fill
					2				
	42				3				
48	42	3.5	0.0	1054	4				
					5				
					6				
		6.5		1102	7			GW	Silt + Gravel w/ coarse Sand, brown, m-dense, damp, no odor Native
48	42	7.5	0.0	1100	8				
									EOB @ 8' bgs
					9				
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				

BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007514.02
Project Name: 57 and 59 South L Street
Location: Livermore, CALIFORNIA
Logged By: CPeterson / JWilson

BORING NO. BV-18

Start Date: 3-9-09 Start Time: : 1125 Elevation (ft, msl):
Finish Date: 3-9-09 Finish Time: : Boring Diameter (in): 2

Driller: ECA Drill Method: Direct Push
Hammer Weight: NA Drop: N/A

Borehole Completion Data: Neat Cement Grout

Depth To ▽ (ft)		Depth To ▼ (ft)	
Time:		Time:	
Date:		Date:	

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
					0				~3" asphalt + 3" base rock
		1.5		1133	1				
					2				Silt w/ gravel, brown, m-dense, dry, no odo FILL
48	24	3.5	4.8	1130	3			ML	
					4				
					5				
		5.5		1139	6				damp
									Silty Gravel w/ coarse sand, brown, m-dense, damp, no odor
48	36	7.5	0.0	1137	7			GM	Native
					8				EOB @ 8' bgs
					9				
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				

BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007519.02
Project Name: 57 and 59 South L Street
Location: Livermore, California
Logged By: CReutter / JWilson 1305

BORING NO. BV-19

Start Date: 3-9-07 Start Time: 1310 Elevation (ft, msl):
Finish Date: 3-9-07 Finish Time: 1425 Boring Diameter (in): 2

Driller: ECA Drill Method: Direct Push
Hammer Weight: N/A Drop: N/A

Borehole Completion Data: Neat Cement Grout

Depth To ▽ (ft)		Depth To ▼ (ft)	
Time:		Time:	
Date:		Date:	

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
					0				~3" Asphalt + 3" base rock
					1			ML	SILT w/ gravel, brown, moderate, damp dry, no odor
					2				
					3				
		3.5		1313	4				
					5			GM	SILTY GRAVEL w/ coarse sand, brown, m-dense, damp, no odor Native
D2	60	5.5	0.0	1310	6				
					7				Trace coarse gravel
					8				
					9				
48	40	9.5	0.0	1319	10				
					11				
					12				
36	36	12.5	0.0	1321	13				
					14				
					15				Trace fine sand
					16				
48	48	16.5	0.0	1324	17			CL	GRAVELLY CLAY, brown, dense, damp, no odor
					18			GM	SILTY GRAVEL w/ coarse sand, brown, m-dense, damp, no odor Native
					19				
36	36	19.5	0.0	1331					

BUREAU VERITAS | Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-00757 4.03.
Project Name: 57/59 S. C Street
Location: Livermore CA.
Logged By: Clayton

BORING NO. BV-19

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME			DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				1357							Liners jammed; Hole sloughed past 20' bgs
—	—	—		1405			21				
							22				-Blind push hydropunch to 38' bgs
							23				-
							24				
							25				
							26				
							27				
							28				
							29				
							30				
							31				
							32				
							33				
							34				Screen Hydropunch 34-38';
							35				Collect Grab sample @ 1420' for TPH + VOC's
							36				
							37				
—	—	—		1420			38				
							39				EOB @ 38' bgs
							40				
							41				
							42				
							43				
							44				

BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007514.02	BORING NO. BU-20
Project Name: 57 and 59 South L Street	
Location: Livermore, CALIFORNIA	
Logged By: CReuter / JWilson	
Start Date: 3/9/7	Start Time: 1400 Elevation (ft, msl):
Finish Date: 3/9/7	Finish Time: 1515 Boring Diameter (in): 2
Driller: ECA	Drill Method: Direct Push
Hammer Weight: N/A	Drop: N/A
Borehole Completion Data: Neat Cement Grout	

Depth To ▽ (ft)		Depth To ▼ (ft)	
Time:		Time:	
Date:		Date:	

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				1400	0				Asphalt
					1			ML	GRAVELLY SILT, lt brown, m. soft to m. dense, little clay, damp to moist, NO odor. FILL
					2				
					3				
48	48	3.5	0.0	1403	4				
					5				NO Recovery 4-5'
					6				
					7			GM	SILTY GRAVEL, tan-brown, loose to med. dense, little sand, trace clay, damp, NO odor
48	30	7.5	0.0	1410	8				
					9				
					10				broken rock @ 10.5', white-tan
48	36	11.5	0.0	1418	11				little clay, brown, damp to moist, no odor
					12				
					13				
					14			ML	CLAYEY SILT, brown, m. stiff, little v. fine sands, damp, NO odor
36	36	14.5	0.0	1425	15				SILTY GRAVEL, brown, slough?
12	12	-	0.0	1430	16			GP	Hole collapses at 13' - attempted to push beyond 16' two times.
					17				Done Hydropunch to 38' bgs for water sample.
					18				
					19				

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 371074475.03
Project Name: 57/59 S. L Street
Location: Livermore, CA.
Logged By: CMcMahon

BORING NO. BV-20

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME			DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
1	1	1	1	1435							Blind drill w/ Hydropunch to 38'
							21				
							22				
							23				
							24				
							25				
							26				
							27				
							28				
							29				
							30				
							31				
							32				
							33				
							34				Set Hydropunch at 38' bgs:
							35				open screen from 34' - 38' bgs
							36				Collect Grab Sample @ 1510 for TOH+ VOC's
—	—	—	—	1500			37				
							38				EOB @ 38' bgs
							39				
							40				Backfill Hole w/ Neat cement Grout
							41				
							42				
							43				
							44				

BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007514.02	BORING NO. BV-21
Project Name: 57 and 59 South L Street	
Location: Livermore, CALIFORNIA	
Logged By: CReuteler / JWilson	
Start Date: 3/9/17	Start Time: 1200
Finish Date: 3/9/17	Finish Time: 1335
Elevation (ft, msl):	
Boring Diameter (in): 2	
Driller: ECA	Drill Method: Direct Push
Hammer Weight: N/A	Drop: N/A
Borehole Completion Data: Neat Cement Grout	

Depth To ▽ (ft)		Depth To ▼ (ft)	
Time:		Time:	
Date:		Date:	

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	USCS	DESCRIPTION
				1200	0		Asphalt.
					1	ML	CLAYEY SILT, d brown - black, some gravel, med stiff to soft, damp, no odor, fill
					2		Rock at 2'
					3		
48	40	3.5	0.0	1202	4		
					5		No recovery 4-6'
					6	GM	SILTY GRAVEL, tan-brown, some sand, loose to med dense, damp, no odor.
					7		
48	24	7.5	0.0	1204	8		
					9		No recovery 8-9'
					10		
					11		orange-brown, little clay, m. dense, damp, no odor
48	36	11.5	0.0	1209	12		
					13		1220 - 3 attempts to push past 12' - slough enters hole at 9-10' bgs
					14		1225 Push Hydropunch to 38' bgs
					15		Collect GW sample 34-38' @ 1330 for TPH + VOCs
					16		
					17		
					18		
					19		
				1330			

Clayton GROUP SERVICES

BUREAU VERITAS

LOG OF SOIL BORING

Project No.: 33107-007514.02
Project Name: 597/598 South L Street
Location: Wilmington, CA
Logged By: E. Schaefer

BORING NO. BV-2

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME			DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				1120							Blind drill to 38' bgs w/ Hydropunch
							21				
							22				
							23				
							24				
							25				
							26				
							27				
							28				
							29				
							30				
							31				
							32				
							33				
							34				
							35				Hydropunch screened 34-38' bgs.
							36				Collect Grd Sample @ 1330 for TPH+ VOC's
							37				
				1225			38				EOB @ 38' bgs
							39				Backfilled hole w/ neat cement grout
							40				
							41				
							42				
							43				
							44				

BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007519.02	BORING NO. BV-22
Project Name: 57 and 59 South L Street	
Location: Livermore, CALIFORNIA	
Logged By: GRichards / JWilson	
Start Date: 3/9/17	Start Time: 0940 Elevation (ft, msl):
Finish Date: 3/9/17	Finish Time: 1135 Boring Diameter (in): 2
Driller: ECA	Drill Method: Direct Push
Hammer Weight: N/A	Drop: N/A
Borehole Completion Data: Neat Cement Grout	

Depth To ▽ (ft)	32.30	Depth To ▼ (ft)	29.5
Time:	1015	Time:	1030
Date:	3/9/17	Date:	3/9/17

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				0940					Asphalt
					0			GP	GRAVEL BASEROCK
					1			GM	SILTY GRAVEL with SAND brown, m dense, damp to moist, NO odor, FILL
					2				
					3				
					4				
					5			CL	SILTY CLAY d. brown, M. stiff, damp to moist, NO odor
72	36	5.5	0.0	0944	6			GM	SILTY GRAVEL, brown-tan, m. dense, damp, NO odor
					7				~~encl basement~~ old large fractured rocks at 7'
					8				
					9				Driller denotes large void in hole 9-13'
					10				
					11				
					12				
					13			GP	SANDY GRAVEL, brown, some clay, little silt, m. coarse, damp to moist, NO odor
					14				
					15				
120	48	15.5	0.0	0949	16				
					17			GM	SILTY GRAVEL, brown, little clay, m dense, damp, NO odor.
					18				
					19			CL	SILTY CLAY, brown, little gravel, stiff, damp NO odor.
48	48	19.5	0.0	0955					

337107-007714.03

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 571 59 South L St
Project Name: Livermore, CA
Location:
Logged By: Chretien

BORING NO. BV-22

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
								GM	SILTY GRAVEL, brown, some sand, moist, dense, no odor
					21			GC	CLAYEY GRAVEL, brown, some s. lt, m. dense, damp
					22			CL	SILTY CLAY, brown, v. stiff, damp, no odor
36	36	22.5	0.0	1002	23				
					24				m. stiff, damp, no odor
					25				
					26			GM	SILTY GRAVEL, brown, m. dense, trace sand, damp, no odor
					27			CL	SILTY CLAY, brown, orange + black mottling, stiff, no odor, damp
60	48	27.5	0.0	1010	28				
					29				
					30	V		ML	CLAYEY SILT, brown, m. stiff, damp to moist, no odor
					31			GM	SILTY GRAVEL, brown, little sand, some clay, moist to wet, dense, no odor
					32	VI			
60	48	–	0.7	1015	33				
					34			CL	SILTY CLAY, brown, stiff, moist to wet, no odor
					35			CL	GRAVELLY CLAY, brown, stiff, wet, no odor
					36			GM	SILTY GRAVEL, brown, v. dense, wet, no odor some clay.
48	48	–	1.0	1025	37				EOBe 37' bgs. - set 1" PVC 32-37' collect GW sample for VOCs + TPHd e 1040.
					38				
					39				
					40				Advance BV-22A to 45' bgs e 1045 - set Hydropunch 42-45' bgs e 1055 - water encountered
					41				
					42				- collect BV-22A e 1125 for TPHd + VOCs
					43				
					44				
—	—	—		1045					

EOB e 45' bgs.

BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007514.02	BORING NO. TW-23
Project Name: 57 and 59 South L Street	
Location: Livermore, CALIFORNIA	
Logged By: CHeuchert / JWilson	
Start Date: 3/9/7	Start Time: 0800 Elevation (ft, msl):
Finish Date: 3/9/7	Finish Time: 1110 Boring Diameter (in): 2
Driller: ECA	Drill Method: Direct Push
Hammer Weight: NA	Drop: N/A
Borehole Completion Data: Neat Cement Grout	

Depth To ▽ (ft)		Depth To ▼ (ft)	
Time:		Time:	
Date:		Date:	

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				0810					Asphalt
					1			GP	BASEROCK GRAVEL, FILL, some silt, gray, loose, dry, no odor
		1.5	0.0	0815	2				
					3				Dotted NO Recovery 2' - 6'
					4			ML	GRAVELLY SILT, tan brown, loose, dry, no odor FILL.
					5				
72	24	5.5	0.0	0815	6				
					7				
					8			GM	little sand, SILTY GRAVEL, brown to dense, trace to little clay, damp, no odor
					9				
48	42	9.5	0.0	0820	10				
					11				
					12				brown dense, little sand, trace clay, damp, no odor
					13				
48	48	13.5	0.0	0825	14				hard drilling; hole sloughs at 13'
					15				dense, little sandy, little clay, some orange oxide staining, damp to moist, no odor
24	48	15.5	0.0	0830	16				CORE 0 → hole sloughs at 9'
					17				Drive hydropunch to 35' bgs for water sample
					18				
					19				
				0835					

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007514.03
Project Name: 5715 S. L St
Location: Livermore, CA
Logged By: Spencer

BORING NO. TV-23

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME			DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
1	1	1		0839							
							21				Drive hydropunch to 35' bgs due to repetative attempts to core soil only to get sloughs collecting hole at 9-13' bgs.
							22				
							23				
							24				
							25				
							26				
							27				
							28				
							29				
							30				
							31				
							32				Expose screen 31 - 35' bgs.
							33				0900 - no water encountered, pull up on screen appox 3-4 feet; Hydrodors noted as we chect for water: allow for water to enter hole
							34				
—	—	—		0830			35				0910 - No water
							36				
							37				Drive Hydropunch to 40' bgs; screen open 37-41
							38				@940 - no water — allow to set. move to TV-22
							39				
							40				1110 - collect end samples — strong sol water strong gasoline odor.
—	—	—		0920			41				End @ 41'
							42				Backfilled hole w/ neat cement grout.
							43				
							44				

BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007514.02	BORING NO. BV-24
Project Name: 57 and 59 South L Street	
Location: Livermore, CALIFORNIA	
Logged By: CPeterson / JWilson	
Start Date: 3/8/17 Start Time: 1500 Elevation (ft, msl):	
Finish Date: 3/8/17 Finish Time: 1610 Boring Diameter (in): 2	
Driller: ECA Drill Method: Direct Push	
Hammer Weight: N/A Drop: N/A	
Borehole Completion Data: Neat Cement Grout	

Depth To ▽ (ft)	35'	Depth To ▼ (ft)	
Time:	1600	Time:	
Date:	3/8/17	Date:	

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME			DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				1500							Asphalt: to 3"
							1			ML	Gravelly SILT, brown, loose, dry, no odor. FILL
							2				some organics
							3				soft drilling.
							4				
							5				
72	48	5.5	0.0	1504			6				brown, dry, no odor. - predominantly SILT.
							7			GM	SILTY GRAVEL, tan - light brown, loose, dry, no odor
							8				
							9				
48	48	9.5	0.0	1509			10				
							11				No Recovery 10 - 13'
							12				
							13				
							14				
							15				brown, large angle oxide staining, damp, no odor
72	96	1515	0.0	1514			16				
							17				
							18				
							19			CL	SILTY CLAY, brown, m. soft to stiff, trace gravel, damp, no odor

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007514.03
Project Name: 57/59 S. L Street
Location: Livermore, CA
Logged By: Clemetter

BORING NO. BV-24

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
60	48	20.5	0.0	1520	21			CL	SILTY CLAY, dk brown, stiff, dry, no odor
					22			GM	GRAVELLY SILT, brown, med. dense, dry, no odor
					23			CL	SILTY CLAY, brown, stiff, trace gravel, dry, no odor.
48	48	24.5	0.0	1523	24				
					25				
					26			GM	GRAVELLY SILT – brown, dry to damp, loose, no odor
					27			CL	SILTY CLAY, brown/gray mottled, some black mottling, stiff, damp to moist no odor
					28				
					29				
60	48	–	12.5	1535	30				
					31				Drove Hydropunch to 35' bgs: open screen 31–35' bgs. – no H2O.
					32				
					33				
					34				
–	–	–	–	1540	35				
					36				Advance punch to 40': open screen 36–40'
					37				Collect GW sample @ 1605 for TPH + VOC's.
					38				
					39				
–	–	–	–	1600	40				
					41				EOB @ 40' bgs
					42				– backfilled hole w/ neat cement grout
					43				
					44				

BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007514.02	BORING NO. BV-25
Project Name: 57 and 59 South L Street	
Location: Livermore, CALIFORNIA	
Logged By: CPeterson / JWilson	
Start Date: 3/8/17	Start Time: 1335 Elevation (ft, msl):
Finish Date: 3/8/17	Finish Time: 1445 Boring Diameter (in): 2
Driller: ECA	Drill Method: Direct Push
Hammer Weight: N/A	Drop: N/A
Borehole Completion Data: Neat Cement Grout	

Depth To ▽ (ft)		Depth To ▼ (ft)	
Time:		Time:	
Date:		Date:	

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				1335					Asphalt
					1			GM	SILTY GRAVEL, d. brown, FILL, loose, dump to moist, no odor
					2			ML	GRAVELLY SILT, d. brown, trace clay, FILL, damp, m. stiff to loose, no odor,
					3			GP	SANDY GRAVEL, brown, some broken rock, moist, loose, no odor
					4				trace to little silt
					5				
72	36	5.5	0.0	1340	6			GM	SILTY GRAVEL, brown, loose, little sand, damp to moist, no odor
					7				
					8				
					9				
					10				m. dense, no odor
60	42	10.5	0.0	1344	11				
					12				v. soft drilling; driller cores 11-20' w/ 4' sampler; recovery 16-20'
					13				
					14				
					15				
					16				
					17				damp, no odor
					18			SM	SILTY SAND, d. brown, v. fine, damp to moist, no odor
								CL	SILTY CLAY, brown, v. stiff, damp, no odor
					19				
8	48	19.5	0.7	1345					

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007514.03
Project Name: 5715 G.L Street
Location: Livermore, CA
Logged By: Chandler

BORING NO. BV-25

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME			DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
										CL	95 above
							21			GM	SILTY GRAVEL, brown, moderate,
							22				
							23			CL	SILTY CLAY, brown, m. soft, little fine sand, moist, no odor
							24				
							25			CL	SILTY CLAY, stiff, brown, damp, no odor
72	48	25'-0.0		1400			26				
							27				
							28				driller notes soft drilling 26-34' 2' drive in 4' core
							29				
							30				m. dense, damp, no odor
							31				
							32				
							33				damp to moist, no odor;
96	48	—	0.0	1420			34				Dry at 34'; hole collapses at 10'
							35				- push to 40' w/ Hydropunch
							36				- open 36-40' w/ Hydropunch screen
							37				- collect GW sample @ 1440 for VOC's + TPH.
							38				
							39				
72	—	—	—	1430			40				
							41				EOB @ 40'
							42				backfill hole w/ neat cement grout
							43				
							44				

BUREAU VERITAS 782B

BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007514.02
Project Name: 57 and 59 South L Street
Location: Livermore, CALIFORNIA
Logged By: CReuteler / JWilson

BORING NO. BV-26

Start Date: 3/8/7 Start Time: 1200 Elevation (ft, msl): —
Finish Date: 3/8/7 Finish Time: 1325 Boring Diameter (in): 2

Driller: ECA Drill Method: Direct Push
Hammer Weight: N/A Drop: N/A

Borehole Completion Data: Neat Cement Grout

Depth To ▽ (ft)		Depth To ▼ (ft)	3L91
Time:		Time:	3/8/7
Date:		Date:	1315

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				1200				CL	Asphalt to 3" -soft core.
					1				GRAVELLY CLAY, d. brown, some silt, FILL, dry, Moder
					2			CL	SILTY CLAY, d brown, stiff, trace gravel, FILL, damp, no odor.
					3				
					4				
					5				
72	48	5.5	0.0	1203	6			GM	SILTY GRAVELLY brown, M. dense, trace sand, trace clay, damp, no odor
					7				-broken rock, m. dense, dry, no odor
					8				
					9				
48	42	9.5	0.0	1207	10				Driller notes drop 10'-16' (old UST AREA) void; Driller pushed to 16
					11				
					12				NO RECOVER 10-13'
					13				M. dense, damp, no odor
					14				
					15			CL	SILTY CLAY, brown, M. stiff, damp, no odor
72	36	15.5	0.0	1214	16				
					17				
					18				
					19				V. stiff, trace to little fine gravel, damp, no odor
48	48	19.5	1.9	1226					

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007514.03
Project Name: 57/59 S. L Street
Location: Livermore, CA
Logged By: CAM/TW

BORING NO. BV-26

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
					21			GM	SILTY GRAVEL, brown, m dense, dry, no odor
					22				
36	36	22.5	0.0	1230	23			CL	SILTY CLAY, brown, hard, damp, no odor
					24			GM	SILTY GRAVEL, brown, m dense, damp, no odor
					25				
					26			CL	SILTY CLAY, brown, little m fine sand, dense, damp, no odor
					27				
60	48	27.5	0.0	1240	28				
					29			GM	SILTY GRAVEL, brown, damp, m dense, no odor
					30			ML	CLAYEY SILT, brown, v. stiff, damp, no odor (moist) little v. fine sand,
					31				
48	48	—	0.3	1250	32				Push w/ Hydropunch to 36' bgs.
					33				-Opened Hydropunch 32-36' bgs
					34				-No water, w push
									-removed push; water in hole
					35				-collect GW sample @ 1320 for VOCs + TPH.
48	—	—	—	1255	36				EOB @ 36' bgs
					37				
					38				Backfill w/ neat cement grout
					39				
					40				
					41				
					42				
					43				
					44				

BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007514.02
Project Name: 57 and 59 South L Street
Location: Livermore, CALIFORNIA
Logged By: CHRISTIE / JWILSON

BORING NO. BV-27

Start Date: 3/8/07 Start Time: 0955 Elevation (ft, msl):
Finish Date: 3/8/07 Finish Time: 1110 Boring Diameter (in): 2

Driller: ECA Drill Method: Direct Push
Hammer Weight: N/A Drop: N/A

Borehole Completion Data: Neat Cement Grout

Depth To ▽ (ft)	30.00'	Depth To ▼ (ft)	
Time:	1045	Time:	
Date:	3/8/7	Date:	

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				0955					Asphalt to 3"
					1			CL	SILTY CLAY, dk brown / black, organics, some gravel, M. stiff to soft, damp, no odor, FILL
					2				
					3				
48	16"	3.5	2.0	0958	4				dk brown, moist to damp, no odor
					5				No Recovery 4-6'
					6			GP	GRAVEL SUBBASE, FILL, saturated, loose, no odor
								GM	SILTY GRAVEL, brown - tan, some sand, trace clay, loose, Native, damp, no odor
48	24"	7.5	0.0	1002	8				large rock at 9'
					9				
					10				dry to damp, no odor
					11				Broken rock at 11-11.5'
48	42	11.5	0.0	1001	12				M. dense
					13				
					14				Some clay
					15				d. brown, moist, no odor
48	48	15.5	0.7	1012	16				
					17				brown, more dense, moist, no odor
					18				
					19				

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007574.03
Project Name: 57/59 South L Street
Location: Livermore, CA.
Logged By: CRichardie

BORING NO. BV-27

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	USCS	DESCRIPTION
					21	GM	SILTY GRAVEL, dk brown, some orange staining, dense, moist, some sand, some clay, NO odor.
72	48	21.5	0.0	1025	22		
					23		
					24		damp to moist, NO odor
					25	CL	SILTY CLAY, dk brown, med stiff, damp to moist, NO odor
48	48	25.5	0.0	1035	26	GM	SILTY GRAVEL, lt brown, some sand, dense, moist, NO odor
					27		
					28		
					29		
					▽30		Wet at 30' bgs.
60	48	-	0.0	1045	31		
					32		
					33		
36	48	-		1055	34		
					35		EOB @ 34' bgs - set 1" PVC in open borehole - Collect Grab Sample @ 1105 for TPH + VOC's
					36		
					37		- Backfilled hole w/ neat cement grout
					38		
					39		
					40		
					41		
					42		
					43		
					44		

BUREAU VERITAS

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007514.02	BORING NO. BV-28
Project Name: 57 and 59 South L Street	
Location: Livermore, CALIFORNIA	
Logged By: CReuteler / JWilson	
Start Date: 3/8/07	Start Time: 0810 Elevation (ft, msl): —
Finish Date: 3/8/07	Finish Time: 0945 Boring Diameter (in): 2
Driller: ECA	Drill Method: Direct Push
Hammer Weight: N/A	Drop: N/A
Borehole Completion Data: Neat Cement Grout	

Depth To ▽ (ft)	31.0'	Depth To ▼ (ft)	
Time:	0940	Time:	
Date:	3/8/07	Date:	

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				0810					Asphalt to 3"
					1			ML	GRAVELLY SILT, brown, damp, M. dense, no odor FILL
					2			ML	SILT, brown, hard, dry, no odor trace to little gravel
48	40	3.5	0.0	0825	3				
					4				
					5			GM	SILTY GRAVEL, tan-brown, loose, dry, no odor
					6				
					7				
48	32	7.5	0.0	0838	8				
					9				tan-brown, M. dense, dry no odor
					10				
					11				
48	48	11.5	0.0	0922	12				
					13				dk brown, some sand, trace clay, damp, no odor
					14				
					15				
48	48	15.5	0.0	0854	16				
					17				dk brown, trace to little sand, little clay, damp to moist, no odor
					18				
					19				
48	48	19.5	0.0	0840					

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 33107-007574.03
Project Name:
Location:
Logged By: CRichter

BORING NO. BV-28

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
					21			GM	SILTY GRAVEL, l. brown, trace sand, trace clay, m. dense, damp to moist, no odor
					22				
					23				moist, no odor.
48	48	23.5	0.0		24				
					25				
					26				damp to moist, no odor
					27				
48	48	27.5	0.0	0855	28				moist, no odor.
					29				Core barrel sampler jammed in hole; retrieved core sampler; hole sloughed to 12' bgs.
24	–	–	–	0920	30				push to 36' bgs w/ hydropunch
					31		▽		GW @ 31' bgs.
					32				
					33				
					34				
					35				
					36				EOB @ 36'
					37				Set Hydropunch @ 36'. exposed screen from 32-36' bgs. Insert rods wet 31-36' bgs.
					38				* Collected and sample @ 0940 for TPH and VOC's.
					39				Backfilled hole w/ neat cement grout.
					40				
					41				
					42				
					43				
					44				

APPENDIX C

SOIL ANALYTICAL LABORATORY REPORTS

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

Bureau Veritas 6920 Koll Center Pkwy, Ste. 216 Pleasanton, CA 94566	Client Project ID: #33107-007514.03	Date Sampled: 03/08/07
		Date Received: 03/08/07
	Client Contact: Craig Pelletier	Date Reported: 03/12/07
	Client P.O.:	Date Completed: 03/12/07

WorkOrder: 0703184

March 12, 2007

Dear Craig:

Enclosed are:

1). the results of **15** analyzed samples from your **#33107-007514.03 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

B 0703184

RUSH!

Clayton Group Services, Inc.
A Bureau Veritas Company

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT
Date Results Requested: 48 HR TAT
Rush Charges Authorized? ☒ Yes ☐ No
☐ Fax or ☒ E-mail Results
E-mail address: craig.pelletier@us.bureauveritas.com

For Clayton Use Only
Clayton Lab Project No.

REPORT RESULTS TO
Name: Craig Pelletier
Company: Bureau Veritas
Mailing Address: 6920 Koll Center Pkwy #216
City, State, Zip: Pleasanton, CA 94566
Telephone No.: 925.426.2607 FAX No.: 925.426.0106
Client Job No.: 33107-007574.03
Dept. Client Services ES

SEND INVOICE TO
Purchase Order No.
Name: SAME
Company: Dept.
Address
City, State, Zip

Special instructions and/or specific regulatory requirements: (method, limit of detection, etc.)
SGCh for TPH-d, mo.

* Explanation of Preservative

Soils: Which state are these from? CA

Waters: ☐ Drinking Water ☐ Groundwater ☐ Wastewater

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.*)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	TPH Mod Hydrocarbons (M 8015)	VOCs 8260B	PCBs	Hold	FOR LAB USE ONLY
BV-28 3.5-4.0'	3/8/07	0815	Soil		1	X	X		X	
BV-28 7.5-8.0'		0818			1				X	
BV-28 11.5-12.0'		0822			1				X	
BV-28 15.5-16.0'		0834			1	X	X		X	
BV-28 19.5-20.0'		0840			1				X	
BV-28 23.5-24.0'		0846			1				X	
BV-28 27.5-28.0'		0855			1				X	
BV-01 3.5-4.0'		0835			1				X	
BV-01 7.5-8.0'		0845			1	X	X	X		
BV-01 11.5-12.0'		0855			1				X	

CHAIN OF CUSTODY
Collected by: Craig Pelletier (print) — Collector's Signature:
Relinquished by: — Date/Time 3/8/7
Relinquished by: — Date/Time
Method of Shipment: Dropoff
Received by: Shirley Lingelman 3/8/07 — Date/Time 5:50
Received by: — Date/Time
Received at Lab by: — Date/Time
Authorized by: _____ Date _____
(Client Signature **MUST** Accompany Request)
Sample Condition Upon Receipt: ☐ Acceptable ☐ Other (explain)

Please return completed form and samples to one of the Clayton Group Services, Inc. labs listed below:

Detroit Regional Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5887
(248) 344-1770
FAX (248) 344-2655

Atlanta Regional Lab
3380 Chastain Meadows Parkway, Suite 300
Kennesaw, GA 30144
(800) 252-9919
(770) 499-7500
FAX (770) 499-7511

Seattle Regional Lab
4636 E. Marginal Way S., Suite 140
Seattle, WA 98134
(800) 568-7755
(206) 763-7364
FAX (206) 763-4189

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

DISTRIBUTION:
White = Clayton Laboratory
Yellow = Clayton Accounting
Pink = Client Copy

10/05 20K

Clayton Group Services, Inc.
A Bureau Veritas Company

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT
Date Results Requested: 48-HR
Rush Charges Authorized? [X] Yes [ ] No
[ ] Fax or [ ] E-mail Results
E-mail address: —

For Clayton Use Only
Clayton Lab Project No.

REPORT RESULTS TO
Name: Craig Pettibone
Company: Bureau Veritas
Mailing Address: 6920 koll center Pkwy #216
City, State, Zip: Pleasanton, CA
Telephone No.: 925 426 2607 FAX No.:
Client Job No.: 33107-007514.07
Dept. Client Services

SEND INVOICE TO
Purchase Order No.:
Name: SAME
Company: Dept.:
Address:
City, State, Zip:

Special instructions and/or specific regulatory requirements: (method, limit of detection, etc.)
TPHm/SGCU PAH

* Explanation of Preservative

Soils: Which state are these from? CA

Waters: [ ] Drinking Water [ ] Groundwater [ ] Wastewater

ANALYSIS REQUESTED (Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.*)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	TPH multi-fuel range	VOC's 8260B	PCB's	Hold	FOR LAB USE ONLY
BV-27 3.5-4.0'	3/8/07	0958	Soil		1	[redacted]	[redacted]		X	
BV-27 7.5-8.0'		1002			1				X	
BV-27 11.5-12.0'		1001			1	X	X		[redacted]	
BV-27 15.5-16.0'		1012			1				X	
BV-27 21.5-22.0'		1025			1				X	
BV-27 25.5-26.0'		1035			1				X	
BV-02 3.5-4.0'		0925			1				X	
BV-02 7.5-8.0'		0930			1				X	
BV-02 9.5-10.0'		0940			1	X	X	X		
BV-02 11.5-12.0'	↓	0940	↓		1				X	

CHAIN OF CUSTODY
Collected by: Craig Pettibone (print) — Collector's Signature:
Relinquished by: — Date/Time 3/8/07
Relinquished by: — Date/Time
Method of Shipment: Dropoff
Received by: — Date/Time 3/8/07 6:00
Received by: — Date/Time
Received at Lab by: — Date/Time
Sample Condition Upon Receipt: [ ] Acceptable [ ] Other (explain)

Authorized by: _____ Date _____
(Client Signature **MUST** Accompany Request)

Please return completed form and samples to one of the Clayton Group Services, Inc. labs listed below:

Detroit Regional Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5887
(248) 344-1770
FAX (248) 344-2655

Atlanta Regional Lab
3380 Chastain Meadows Parkway, Suite 300
Kennesaw, GA 30144
(800) 252-9919
(770) 499-7500
FAX (770) 499-7511

Seattle Regional Lab
4636 E. Marginal Way S., Suite 140
Seattle, WA 98134
(800) 568-7755
(206) 763-7364
FAX (206) 763-4189

DISTRIBUTION:
White = Clayton Laboratory
Yellow = Clayton Accounting
Pink = Client Copy

Clayton Group Services, Inc.
A Bureau Veritas Company

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT
Date Results Requested: 48 HR
Rush Charges Authorized? ☒ Yes ☐ No
☐ Fax or ☒ E-mail Results
E-mail address: _____

For Clayton Use Only
Clayton Lab Project No.

REPORT RESULTS TO
Name: Bureau Veritas
Company:
Mailing Address: 6920 Koll Center Pkwy #116
City, State, Zip: Pleasanton, CA
Telephone No.: 925 426.2607 FAX No.: 925.426.2607
Client Job No.: 33107-007571.07
Dept. Client Services

SEND INVOICE TO
Purchase Order No.
Name: SAME
Company: Dept.
Address
City, State, Zip

Special instructions and/or specific regulatory requirements: (method, limit of detection, etc.)
TPH-d SGCU
* Explanation of Preservative

Soils: Which state are these from? CA

Waters: ☐ Drinking Water ☐ Groundwater ☐ Wastewater

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.*)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	TPH mod/SGCU	VOCs 8260	PCBs	Hold	FOR LAB USE ONLY
BV-03 3.5-4.0'	3/8/07	1030	Soil		1	X	X	X		
BV-03 7.5-8.0'		1040			1				X	
BV-03 11.5-12.0'		1050			1	X	X	X		
BV-04 3.5-4.0'		1130			1				X	
BV-04 9.5-10.0'		1150			1	X	X	X		
BV-05 1.5-2.0'		1245			1				X	
BV-05 3.5-4.0'		1240							X	
BV-05 7.5-8.0'		1247				X	X	X		
BV-05 11.5-12.0'		1253							X	

CHAIN OF CUSTODY
Collected by: (print) Collector's Signature:
Relinquished by: Date/Time 3/8/07
Relinquished by: Date/Time
Method of Shipment: Dropoff
Received by: 3/8/07 Date/Time 5:50
Received by: Date/Time
Received at Lab by: Date/Time
Sample Condition Upon Receipt: ☐ Acceptable ☐ Other (explain)

Authorized by: _____ Date _____
(Client Signature **MUST** Accompany Request)

Please return completed form and samples to one of the Clayton Group Services, Inc. labs listed below:

Detroit Regional Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5887
(248) 344-1770
FAX (248) 344-2655

Atlanta Regional Lab
3380 Chastain Meadows Parkway, Suite 300
Kennesaw, GA 30144
(800) 252-9919
(770) 499-7500
FAX (770) 499-7511

Seattle Regional Lab
4636 E. Marginal Way S., Suite 140
Seattle, WA 98134
(800) 568-7755
(206) 763-7364
FAX (206) 763-4189

DISTRIBUTION:
White = Clayton Laboratory
Yellow = Clayton Accounting
Pink = Client Copy

10/05 20K

Clayton Group Services, Inc.

A Bureau Veritas Company

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT

Date Results Requested: 96HR TAT

Rush Charges Authorized? ☒ Yes ☐ No

☐ Fax or ☐ E-mail Results

E-mail address: _____

For Clayton Use Only
Clayton Lab Project No.

REPORT RESULTS TO

Name: Craig Pellegrino
Company: Bureau Veritas
Mailing Address: 6320 Koll Center Pkwy #216
City, State, Zip: Pleasanton, CA
Telephone No.: 925.426.2607 FAX No.:
Client Job No.: 33107-007574
Dept. Client Services

SEND INVOICE TO

Purchase Order No.
Name: SAME
Company: Dept.
Address:
City, State, Zip:

Special instructions and/or specific regulatory requirements: (method, limit of detection, etc.)

TPH-dmo w/ SGCh !

* Explanation of Preservative

Soils: Which state are these from? CA

Waters: ☐ Drinking Water ☐ Groundwater ☐ Wastewater

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.*)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	TPH multistep SGC	VOC's 8260	PCBs	Halo	FOR LAB USE ONLY
BV-26 5.5-6.0'	3/8/7	1203	SO.		1	X	X	X		
BV-26 9.5-10.0'		1207			1			X		
BV-26 15.5-16.0'		1212			1	X	X	X		
BV-26 19.5-20.0'		1220			1			X		
BV-26 22.5-23.0'		1230			1			X		
BV-26 27.5-28.0'		1240			1			X		
BV-25 5.5-6.0'		1346			1	X	X	X		
BV-25 10.5-11.0'		1344			1			X		
BV-25 19.5-20.0'		1349			1	X	X	X		
BV-25 25.5-26.0'		1400			1			X		

CHAIN OF CUSTODY

Collected by: Craig Pellegrino (print) — Collector's Signature:
Relinquished by: [signature] Date/Time 3/8/7 — Received by: [signature] 3/8/07 Date/Time 5:50
Relinquished by: — Date/Time — Received by: — Date/Time
Method of Shipment: Dropoff — Received at Lab by: — Date/Time

Authorized by: _____ Date _____
(Client Signature **MUST** Accompany Request)

Sample Condition Upon Receipt: ☐ Acceptable ☐ Other (explain)

Please return completed form and samples to one of the Clayton Group Services, Inc. labs listed below:

Detroit Regional Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5887
(248) 344-1770
FAX (248) 344-2655

Atlanta Regional Lab
3380 Chastain Meadows Parkway, Suite 300
Kennesaw, GA 30144
(800) 252-9919
(770) 499-7500
FAX (770) 499-7511

Seattle Regional Lab
4636 E. Marginal Way S., Suite 140
Seattle, WA 98134
(800) 568-7755
(206) 763-7364
FAX (206) 763-4189

DISTRIBUTION:
White = Clayton Laboratory
Yellow = Clayton Accounting
Pink = Client Copy

Clayton Group Services, Inc.
A Bureau Veritas Company

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT
Date Results Requested: 48-HR
Rush Charges Authorized? ☒ Yes ☐ No
☐ Fax or ☐ E-mail Results
E-mail address:

For Clayton Use Only
Clayton Lab Project No.

REPORT RESULTS TO
Name: Cary Pellegrino
Company: Bureau Veritas
Client Job No.: 13104-007574.03
Dept.: Client Services
Mailing Address:
City, State, Zip:
Telephone No.: FAX No.:

SEND INVOICE TO
Purchase Order No.:
Name:
Company: SAME
Dept.:
Address:
City, State, Zip:

Special instructions and/or specific regulatory requirements: (method, limit of detection, etc.)

* Explanation of Preservative

Soils: Which state are these from? CA

Waters: ☐ Drinking Water ☐ Groundwater ☐ Wastewater

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.*)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	TPH mod. 8015	VOCs 8260	PAHs	Hold	FOR LAB USE ONLY
BV-06 3.5-4.0'	3/8/17	1315	Soil		1				X	
BV-06 7.5-8.0'		1325			1	X	X	X		
BV-06 11.5-12.0'		1330			1				X	
BV-24 5.5-6.0'		1504			1	X	X			
BV-24 9.5-10.0'		1509			1				X	
BV-24 15.5-16.0'		1514			1				X	
BV-24 20.5-21.0'		1520			1				X	
BV-24 24.5-25.0'		1528			1				X	
					1					
					1					

CHAIN OF CUSTODY

Collected by: Cary Pellegrino (print) — Collector's Signature: Cary Pellegrino
Relinquished by: — Date/Time 3/8/17
Relinquished by: — Date/Time
Method of Shipment: Dropoff

Received by: Heidi Lindstrom — Date/Time 3/8/17 5:50
Received by: — Date/Time
Received at Lab by: — Date/Time
Sample Condition Upon Receipt: ☐ Acceptable ☐ Other (explain)

Authorized by: _____ Date _____
(Client Signature **MUST** Accompany Request)

Please return completed form and samples to one of the Clayton Group Services, Inc. labs listed below:

Detroit Regional Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5887
(248) 344-1770
FAX (248) 344-2655

Atlanta Regional Lab
3380 Chastain Meadows Parkway, Suite 300
Kennesaw, GA 30144
(800) 252-9919
(770) 499-7500
FAX (770) 499-7511

Seattle Regional Lab
4636 E. Marginal Way S., Suite 140
Seattle, WA 98134
(800) 568-7755
(206) 763-7364
FAX (206) 763-4189

DISTRIBUTION:
White = Clayton Laboratory
Yellow = Clayton Accounting
Pink = Client Copy

Clayton Group Services, Inc.
A Bureau Veritas Company

BUREAU VERITAS

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT
Date Results Requested: 48HR
Rush Charges Authorized? ☒ Yes ☐ No
☐ Fax or ☐ E-mail Results
E-mail address:

For Clayton Use Only
Clayton Lab Project No.

REPORT RESULTS TO
Name: Craig Pelletier
Company: Bureau Veritas
Mailing Address: 6920 Koll center Pkwy #216
City, State, Zip: Pleasanton, CA
Telephone No.: 925.426.2607 FAX No.:
Client Job No.: 33107-607574.03
Dept. Client Services ES

SEND INVOICE TO
Purchase Order No.:
Name: SAME
Company: Dept.:
Address:
City, State, Zip:

Special instructions and/or specific regulatory requirements: (method, limit of detection, etc.)
SCCL for TPH-d, mo
* Explanation of Preservative

Soils: Which state are these from? CA

Waters: ☐ Drinking Water ☐ Groundwater ☐ Wastewater

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.*)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	TPH-mo (8015M) BOTH	VOCs 8260B	PCBs	HOLD	FOR LAB USE ONLY
BV-07 3.5-4.0'	3/8/7	1405	Soil		1				X	
BV-07 7.5-8.0'		1410			1				X	
BV-07 11.5-12.0'		1415			1	X	X	X		
BV-08 3.5-4.0'		1445			1				X	
BV-08 7.5-8.0'		1450			1	X	X	X		
BV-08 9.5-10.0'		1455			1				X	
BV-09 3.5-4.0'		1520			1				X	HOLD
BV-09 7.5-8.0'		1525			1	X	X	X		
BV-09 11.5-12.0'		1530			1				X	

CHAIN OF CUSTODY
Collected by: Craig Pelletier (print) — Collector's Signature:
Relinquished by: — Date/Time 3/8/7
Relinquished by: — Date/Time
Method of Shipment: Drop off
Received by: — Date/Time 3/8/7 1600
Received by: — Date/Time
Received at Lab by: — Date/Time
Authorized by: _____ Date _____
(Client Signature **MUST** Accompany Request)
Sample Condition Upon Receipt: ☐ Acceptable ☐ Other (explain)

Please return completed form and samples to one of the Clayton Group Services, Inc. labs listed below:

Detroit Regional Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5887
(248) 344-1770
FAX (248) 344-2655

Atlanta Regional Lab
3380 Chastain Meadows Parkway, Suite 300
Kennesaw, GA 30144
(800) 252-9919
(770) 499-7500
FAX (770) 499-7511

Seattle Regional Lab
4636 E. Marginal Way S., Suite 140
Seattle, WA 98134
(800) 568-7755
(206) 763-7364
FAX (206) 763-4189

DISTRIBUTION:
White = Clayton Laboratory
Yellow = Clayton Accounting
Pink = Client Copy

10/05 20K

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0703184 **ClientID: BVP**

☐ EDF ☐ Fax ☐ Email ☐ HardCopy ☐ ThirdParty

Report to:
Craig Pelletier
Bureau Veritas
6920 Koll Center Pkwy, Ste. 216
Pleasanton, CA 94566

Email: craig.pelletier@us.bureauveritas.com
TEL: (925) 426-260 FAX: (925) 426-010
ProjectNo: #33107-007514.03
PO:

Bill to
Joan Miller
Bureau Veritas
6920 Koll Center Pkwy, Ste. 216
Pleasanton, CA 94566
joan.miller@us.bureauveritas.com

Requested TAT: 2 days

Date Received: **03/08/2007**
Date Printed: **03/08/2007**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0703184-004	BV-28 15.5-16.0'	Soil	03/08/07 8:34:00	☐		A	A									
0703184-009	BV-01 7.5-8.0'	Soil	03/08/07 8:45:00	☐	A	A	A									
0703184-013	BV-27 11.5-12.0'	Soil	03/08/07 10:06:00	☐		A	A									
0703184-019	BV-02 9.5-10.0'	Soil	03/08/07 9:40:00	☐	A	A	A	A								
0703184-021	BV-03 3.5-4.0'	Soil	03/08/07 10:30:00	☐	A	A	A	A								
0703184-023	BV-03 11.5-12.0'	Soil	03/08/07 10:50:00	☐	A	A	A	A								
0703184-025	BV-04 9.5-10.0'	Soil	03/08/07 11:50:00	☐	A	A	A	A								
0703184-028	BV-05 7.5-8.0'	Soil	03/08/07 12:47:00	☐	A	A	A	A								
0703184-032	BV-26 15.5-16.0'	Soil	03/08/07 12:12:00	☐		A	A	A								
0703184-038	BV-25 19.5-20.0'	Soil	03/08/07 1:49:00	☐		A	A	A								
0703184-041	BV-06 7.5-8.0'	Soil	03/08/07 1:25:00	☐	A	A	A	A								
0703184-043	BV-24 5.5-6.0'	Soil	03/08/07 3:04:00	☐		A	A	A								
0703184-050	BV-07 11.5-12.0	Soil	03/08/07 2:15:00	☐	A	A	A	A								
0703184-052	BV-08 7.5-8.0'	Soil	03/08/07 2:50:00	☐	A	A	A	A								
0703184-055	BV-09 7.5-8.0'	Soil	03/08/07 3:25:00	☐	A	A	A	A								

Test Legend:

1	8082A_PCB_S	2	8260B_S	3	G-MBTEX_S	4	TPH(DMO)WSG_S	5	
6		7		8		9		10	
11		12							

The following SampIDs: 0703184-004A, 0703184-009A, 0703184-013A, 0703184-019A, 0703184-021A, 0703184-023A, 0703184-025A, 0703184-028A, 0703184-032A, 0703184-038A, 0703184-041A, 0703184-043A, 0703184-050A, 0703184-052A, 0703184-055A contain

Prepared by: Melissa Valles

Comments:

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

McCampbell Analytical, Inc.
"When Quality Counts"

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

Bureau Veritas	Client Project ID: #33107-007514.03	Date Sampled: 03/08/07
6920 Koll Center Pkwy, Ste. 216		Date Received: 03/08/07
Pleasanton, CA 94566	Client Contact: Craig Pelletier	Date Extracted: 03/08/07
	Client P.O.:	Date Analyzed 03/08/07-03/10/07

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550C Analytical Method: SW8082A Work Order: 0703184

Lab ID	0703184-009A	0703184-019A	0703184-021A	0703184-023A	Reporting Limit for DF =1	
Client ID	BV-01 7.5-8.0'	BV-02 9.5-10.0'	BV-03 3.5-4.0'	BV-03 11.5-12.0'		
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND	ND	ND	ND	0.025	NA
Aroclor1221	ND	ND	ND	ND	0.025	NA
Aroclor1232	ND	ND	0.12	ND	0.025	NA
Aroclor1242	ND	ND	ND	ND	0.025	NA
Aroclor1248	ND	ND	ND	ND	0.025	NA
Aroclor1254	ND	ND	ND	ND	0.025	NA
Aroclor1260	ND	ND	ND	ND	0.025	NA
PCBs, total	ND	ND	0.12	ND	0.025	NA
Surrogate Recoveries (%)						
%SS:	117	112	109	103		
Comments						

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, 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 or surrogate coelutes with another peak.

(h) a lighter than water immiscible sheen/product is present; (i) liquid sample that contains >~1 vol. % sediment; (j) sample diluted due to high organic content; (k) p,p,- is the same as 4,4,-; (l) florisil (EPA 3620) cleanup; (m) silica-gel (EPA 3630) cleanup; (n) elemental sulfur (EPA 3660) cleanup; (o) sulfuric acid permanganate (EPA 3665) cleanup; (p) see attached narrative; q) reporting limit raised due to insufficient sample amount; (r) results are reported on a dry weight basis;

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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Bureau Veritas	Client Project ID: #33107-007514.03	Date Sampled: 03/08/07
6920 Koll Center Pkwy, Ste. 216		Date Received: 03/08/07
Pleasanton, CA 94566	Client Contact: Craig Pelletier	Date Extracted: 03/08/07
	Client P.O.:	Date Analyzed 03/08/07-03/10/07

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550C Analytical Method: SW8082A Work Order: 0703184

Lab ID	0703184-025A	0703184-028A	0703184-041A	0703184-050A	Reporting Limit for DF =1	
Client ID	BV-04 9.5-10.0'	BV-05 7.5-8.0'	BV-06 7.5-8.0'	BV-07 11.5-12.0		
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND	ND	ND	ND	0.025	NA
Aroclor1221	ND	ND	ND	ND	0.025	NA
Aroclor1232	ND	ND	ND	ND	0.025	NA
Aroclor1242	ND	ND	ND	ND	0.025	NA
Aroclor1248	ND	ND	ND	ND	0.025	NA
Aroclor1254	ND	ND	ND	ND	0.025	NA
Aroclor1260	ND	ND	ND	ND	0.025	NA
PCBs, total	ND	ND	ND	ND	0.025	NA
Surrogate Recoveries (%)						
%SS:	109	103	114	114		
Comments	o					

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, 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 or surrogate coelutes with another peak.

(h) a lighter than water immiscible sheen/product is present; (i) liquid sample that contains >~1 vol. % sediment; (j) sample diluted due to high organic content; (k) p,p,- is the same as 4,4,-; (l) florisil (EPA 3620) cleanup; (m) silica-gel (EPA 3630) cleanup; (n) elemental sulfur (EPA 3660) cleanup; (o) sulfuric acid permanganate (EPA 3665) cleanup; (p) see attached narrative; q) reporting limit raised due to insufficient sample amount; (r) results are reported on a dry weight basis;

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Bureau Veritas	Client Project ID: #33107-007514.03	Date Sampled: 03/08/07
6920 Koll Center Pkwy, Ste. 216		Date Received: 03/08/07
Pleasanton, CA 94566	Client Contact: Craig Pelletier	Date Extracted: 03/08/07
	Client P.O.:	Date Analyzed 03/08/07-03/10/07

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550C Analytical Method: SW8082A Work Order: 0703184

					Reporting Limit for DF =1	
Lab ID	0703184-052A	0703184-055A				
Client ID	BV-08 7.5-8.0'	BV-09 7.5-8.0'				
Matrix	S	S				
DF	1	1			S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND	ND			0.025	NA
Aroclor1221	ND	ND			0.025	NA
Aroclor1232	ND	ND			0.025	NA
Aroclor1242	ND	ND			0.025	NA
Aroclor1248	ND	ND			0.025	NA
Aroclor1254	ND	ND			0.025	NA
Aroclor1260	ND	ND			0.025	NA
PCBs, total	ND	ND			0.025	NA
Surrogate Recoveries (%)						
%SS:	103	115				
Comments						

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, 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 or surrogate coelutes with another peak.

(h) a lighter than water immiscible sheen/product is present; (i) liquid sample that contains >~1 vol. % sediment; (j) sample diluted due to high organic content; (k) p,p,- is the same as 4,4,-; (l) florisil (EPA 3620) cleanup; (m) silica-gel (EPA 3630) cleanup; (n) elemental sulfur (EPA 3660) cleanup; (o) sulfuric acid permanganate (EPA 3665) cleanup; (p) see attached narrative; q) reporting limit raised due to insufficient sample amount; (r) results are reported on a dry weight basis;

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Bureau Veritas	Client Project ID: #33107-007514.03	Date Sampled: 03/08/07
		Date Received: 03/08/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/08/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/09/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703184

Lab ID	0703184-004A
Client ID	BV-28 15.5-16.0'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	78	%SS2:	117
%SS3:	125		

Comments:

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Bureau Veritas	Client Project ID: #33107-007514.03	Date Sampled: 03/08/07
		Date Received: 03/08/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/08/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/09/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703184

Lab ID	0703184-009A
Client ID	BV-01 7.5-8.0'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	77	%SS2:	116
%SS3:	127		

Comments:

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Bureau Veritas	Client Project ID: #33107-007514.03	Date Sampled: 03/08/07
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6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/08/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/09/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703184

Lab ID	0703184-013A
Client ID	BV-27 11.5-12.0'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	102	%SS2:	101
%SS3:	116		

Comments:

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
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Telephone: 877-252-9262 Fax: 925-252-9269

Bureau Veritas	Client Project ID: #33107-007514.03	Date Sampled: 03/08/07
		Date Received: 03/08/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/08/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/09/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703184

Lab ID	0703184-019A
Client ID	BV-02 9.5-10.0'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	85	%SS2:	103
%SS3:	105		

Comments:

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/09/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703184

Lab ID	0703184-021A
Client ID	BV-03 3.5-4.0'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<50	1000	0.05	Acrolein (Propenal)	ND<50	1000	0.05
Acrylonitrile	ND<20	1000	0.02	tert-Amyl methyl ether (TAME)	ND<5.0	1000	0.005
Benzene	ND<5.0	1000	0.005	Bromobenzene	ND<5.0	1000	0.005
Bromochloromethane	ND<5.0	1000	0.005	Bromodichloromethane	ND<5.0	1000	0.005
Bromoform	ND<5.0	1000	0.005	Bromomethane	ND<5.0	1000	0.005
2-Butanone (MEK)	ND<20	1000	0.02	t-Butyl alcohol (TBA)	ND<50	1000	0.05
n-Butyl benzene	11	1000	0.005	sec-Butyl benzene	ND<5.0	1000	0.005
tert-Butyl benzene	ND<5.0	1000	0.005	Carbon Disulfide	ND<5.0	1000	0.005
Carbon Tetrachloride	ND<5.0	1000	0.005	Chlorobenzene	ND<5.0	1000	0.005
Chloroethane	ND<5.0	1000	0.005	2-Chloroethyl Vinyl Ether	ND<10	1000	0.01
Chloroform	ND<5.0	1000	0.005	Chloromethane	ND<5.0	1000	0.005
2-Chlorotoluene	ND<5.0	1000	0.005	4-Chlorotoluene	ND<5.0	1000	0.005
Dibromochloromethane	ND<5.0	1000	0.005	1,2-Dibromo-3-chloropropane	ND<5.0	1000	0.005
1,2-Dibromoethane (EDB)	ND<5.0	1000	0.005	Dibromomethane	ND<5.0	1000	0.005
1,2-Dichlorobenzene	22	1000	0.005	1,3-Dichlorobenzene	ND<5.0	1000	0.005
1,4-Dichlorobenzene	ND<5.0	1000	0.005	Dichlorodifluoromethane	ND<5.0	1000	0.005
1,1-Dichloroethane	ND<5.0	1000	0.005	1,2-Dichloroethane (1,2-DCA)	ND<5.0	1000	0.005
1,1-Dichloroethene	ND<5.0	1000	0.005	cis-1,2-Dichloroethene	ND<5.0	1000	0.005
trans-1,2-Dichloroethene	ND<5.0	1000	0.005	1,2-Dichloropropane	ND<5.0	1000	0.005
1,3-Dichloropropane	ND<5.0	1000	0.005	2,2-Dichloropropane	ND<5.0	1000	0.005
1,1-Dichloropropene	ND<5.0	1000	0.005	cis-1,3-Dichloropropene	ND<5.0	1000	0.005
trans-1,3-Dichloropropene	ND<5.0	1000	0.005	Diisopropyl ether (DIPE)	ND<5.0	1000	0.005
Ethylbenzene	ND<5.0	1000	0.005	Ethyl tert-butyl ether (ETBE)	ND<5.0	1000	0.005
Freon 113	ND<100	1000	0.1	Hexachlorobutadiene	ND<5.0	1000	0.005
Hexachloroethane	ND<5.0	1000	0.005	2-Hexanone	ND<5.0	1000	0.005
Isopropylbenzene	ND<5.0	1000	0.005	4-Isopropyl toluene	7.5	1000	0.005
Methyl-t-butyl ether (MTBE)	ND<5.0	1000	0.005	Methylene chloride	ND<5.0	1000	0.005
4-Methyl-2-pentanone (MIBK)	ND<5.0	1000	0.005	Naphthalene	ND<5.0	1000	0.005
Nitrobenzene	ND<100	1000	0.1	n-Propyl benzene	ND<5.0	1000	0.005
Styrene	ND<5.0	1000	0.005	1,1,1,2-Tetrachloroethane	ND<5.0	1000	0.005
1,1,2,2-Tetrachloroethane	ND<5.0	1000	0.005	Tetrachloroethene	ND<5.0	1000	0.005
Toluene	ND<5.0	1000	0.005	1,2,3-Trichlorobenzene	ND<5.0	1000	0.005
1,2,4-Trichlorobenzene	ND<5.0	1000	0.005	1,1,1-Trichloroethane	ND<5.0	1000	0.005
1,1,2-Trichloroethane	ND<5.0	1000	0.005	Trichloroethene	ND<5.0	1000	0.005
Trichlorofluoromethane	ND<5.0	1000	0.005	1,2,3-Trichloropropane	ND<5.0	1000	0.005
1,2,4-Trimethylbenzene	23	1000	0.005	1,3,5-Trimethylbenzene	7.6	1000	0.005
Vinyl Chloride	ND<5.0	1000	0.005	Xylenes	ND<5.0	1000	0.005

Surrogate Recoveries (%)

%SS1:	91	%SS2:	101
%SS3:	93		

Comments:

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/08/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/09/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703184

Lab ID	0703184-023A
Client ID	BV-03 11.5-12.0'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	101	%SS2:	101
%SS3:	116		

Comments:

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/09/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703184

Lab ID	0703184-025A
Client ID	BV-04 9.5-10.0'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	99	%SS2:	102
%SS3:	113		

Comments:

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/09/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703184

Lab ID	0703184-028A
Client ID	BV-05 7.5-8.0'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	104	%SS2:	102
%SS3:	120		

Comments:

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Bureau Veritas	Client Project ID: #33107-007514.03	Date Sampled: 03/08/07
		Date Received: 03/08/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/08/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/09/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703184

Lab ID	0703184-032A
Client ID	BV-26 15.5-16.0'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	98	%SS2:	102
%SS3:	114		

Comments:

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Bureau Veritas	Client Project ID: #33107-007514.03	Date Sampled: 03/08/07
		Date Received: 03/08/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/08/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/09/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703184

Lab ID	0703184-038A
Client ID	BV-25 19.5-20.0'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	100	%SS2:	102
%SS3:	117		

Comments:

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Bureau Veritas	Client Project ID: #33107-007514.03	Date Sampled: 03/08/07
		Date Received: 03/08/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/08/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/09/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703184

Lab ID	0703184-041A
Client ID	BV-06 7.5-8.0'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	94	%SS2:	103
%SS3:	110		

Comments:

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Bureau Veritas	Client Project ID: #33107-007514.03	Date Sampled: 03/08/07
		Date Received: 03/08/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/08/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/09/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703184

Lab ID	0703184-043A
Client ID	BV-24 5.5-6.0'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	91	%SS2:	102
%SS3:	110		

Comments:

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Bureau Veritas	Client Project ID: #33107-007514.03	Date Sampled: 03/08/07
		Date Received: 03/08/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/08/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/09/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703184

Lab ID	0703184-050A
Client ID	BV-07 11.5-12.0
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	88	%SS2:	102
%SS3:	109		

Comments:

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Bureau Veritas	Client Project ID: #33107-007514.03	Date Sampled: 03/08/07
		Date Received: 03/08/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/08/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/09/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703184

Lab ID	0703184-052A
Client ID	BV-08 7.5-8.0'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	101	%SS2:	101
%SS3:	114		

Comments:

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Bureau Veritas	Client Project ID: #33107-007514.03	Date Sampled: 03/08/07
		Date Received: 03/08/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/08/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/09/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703184

Lab ID	0703184-055A
Client ID	BV-09 7.5-8.0'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	78	%SS2:	117
%SS3:	124		

Comments:

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Bureau Veritas 6920 Koll Center Pkwy, Ste. 216 Pleasanton, CA 94566	Client Project ID: #33107-007514.03	Date Sampled: 03/08/07
		Date Received: 03/08/07
	Client Contact: Craig Pelletier	Date Extracted: 03/08/07
	Client P.O.:	Date Analyzed 03/09/07

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

Extraction method SW5030B Analytical methods SW8015Cm Work Order: 0703184

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
004A	BV-28 15.5-16.0'	S	ND	1	93
009A	BV-01 7.5-8.0'	S	ND	1	91
013A	BV-27 11.5-12.0'	S	ND	1	90
019A	BV-02 9.5-10.0'	S	ND	1	98
021A	BV-03 3.5-4.0'	S	5000,g	330	109
023A	BV-03 11.5-12.0'	S	ND	1	92
025A	BV-04 9.5-10.0'	S	ND	1	89
028A	BV-05 7.5-8.0'	S	ND	1	90
032A	BV-26 15.5-16.0'	S	ND	1	84
038A	BV-25 19.5-20.0'	S	ND	1	98
041A	BV-06 7.5-8.0'	S	ND	1	101
043A	BV-24 5.5-6.0'	S	ND	1	85
050A	BV-07 11.5-12.0	S	ND	1	93
052A	BV-08 7.5-8.0'	S	ND	1	95
055A	BV-09 7.5-8.0'	S	ND	1	97

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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		Date Received: 03/08/07
	Client Contact: Craig Pelletier	Date Extracted: 03/08/07
	Client P.O.:	Date Analyzed 03/08/07-03/09/07

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

Extraction method: SW3550C/3630C Analytical methods: SW8015C Work Order: 0703184

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0703184-004A	BV-28 15.5-16.0'	S	ND	ND	1	108
0703184-009A	BV-01 7.5-8.0'	S	ND	ND	1	107
0703184-013A	BV-27 11.5-12.0'	S	ND	ND	1	88
0703184-019A	BV-02 9.5-10.0'	S	ND	ND	1	109
0703184-021A	BV-03 3.5-4.0'	S	1800,n,g	420	5	---#
0703184-023A	BV-03 11.5-12.0'	S	ND	ND	1	107
0703184-025A	BV-04 9.5-10.0'	S	4.4,g,b	13	1	100
0703184-028A	BV-05 7.5-8.0'	S	ND	ND	1	95
0703184-032A	BV-26 15.5-16.0'	S	ND	ND	1	81
0703184-038A	BV-25 19.5-20.0'	S	ND	ND	1	114
0703184-041A	BV-06 7.5-8.0'	S	ND	ND	1	118
0703184-043A	BV-24 5.5-6.0'	S	ND	ND	1	112
0703184-050A	BV-07 11.5-12.0	S	ND	ND	1	108
0703184-052A	BV-08 7.5-8.0'	S	ND	ND	1	110
0703184-055A	BV-09 7.5-8.0'	S	ND	ND	1	107

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

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

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

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel (asphalt?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; 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.
"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 SW8082A

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0703184

EPA Method SW8082A	Extraction SW3550C				BatchID: 26641				Spiked Sample ID: 0703160-012A			
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
Aroclor1260	ND	0.075	122	120	1.64	116	115	0.507	70 - 130	20	70 - 130	20
%SS:	119	0.050	119	119	0	123	124	1.00	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 26641 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703184-009A	03/08/07 8:45 AM	03/08/07	03/09/07 6:52 AM	0703184-019A	03/08/07 9:40 AM	03/08/07	03/09/07 7:47 AM
0703184-021A	03/08/07 10:30 AM	03/08/07	03/10/07 12:46 AM	0703184-023A	03/08/07 10:50 AM	03/08/07	03/09/07 1:35 AM
0703184-025A	03/08/07 11:50 AM	03/08/07	03/09/07 3:30 AM	0703184-028A	03/08/07 12:47 PM	03/08/07	03/09/07 12:37 AM
0703184-041A	03/08/07 1:25 PM	03/08/07	03/09/07 5:01 AM	0703184-050A	03/08/07 2:15 PM	03/08/07	03/09/07 5:57 AM
0703184-052A	03/08/07 2:50 PM	03/08/07	03/08/07 11:40 PM	0703184-055A	03/08/07 3:25 PM	03/08/07	03/09/07 8:43 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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"When Quality Counts"

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

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0703184

EPA Method SW8015Cm	Extraction SW5030B				BatchID: 26672				Spiked Sample ID: 0703184-055A			
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	98.9	101	2.24	103	102	1.13	70 - 130	30	70 - 130	30
MTBE	ND	0.10	108	92	15.6	103	102	0.933	70 - 130	30	70 - 130	30
Benzene	ND	0.10	98.4	98	0.420	97.5	97.6	0.116	70 - 130	30	70 - 130	30
Toluene	ND	0.10	89	91	2.20	89.1	90.2	1.22	70 - 130	30	70 - 130	30
Ethylbenzene	ND	0.10	75.3	94.5	22.6	98.8	101	2.61	70 - 130	30	70 - 130	30
Xylenes	ND	0.30	100	100	0	92.7	100	7.61	70 - 130	30	70 - 130	30
%SS:	97	0.10	101	105	3.88	100	82	19.8	70 - 130	30	70 - 130	30

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

NONE

BATCH 26672 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703184-004A	03/08/07 8:34 AM	03/08/07	03/09/07 6:02 AM	0703184-009A	03/08/07 8:45 AM	03/08/07	03/09/07 11:14 AM
0703184-013A	03/08/07 10:06 AM	03/08/07	03/09/07 11:49 AM	0703184-019A	03/08/07 9:40 AM	03/08/07	03/09/07 5:32 AM
0703184-021A	03/08/07 10:30 AM	03/08/07	03/09/07 12:05 PM	0703184-023A	03/08/07 10:50 AM	03/08/07	03/09/07 7:02 AM
0703184-025A	03/08/07 11:50 AM	03/08/07	03/09/07 8:33 AM	0703184-028A	03/08/07 12:47 PM	03/08/07	03/09/07 8:03 AM
0703184-032A	03/08/07 12:12 PM	03/08/07	03/09/07 8:59 AM	0703184-038A	03/08/07 1:49 PM	03/08/07	03/09/07 1:05 PM
0703184-041A	03/08/07 1:25 PM	03/08/07	03/09/07 7:51 AM	0703184-043A	03/08/07 3:04 PM	03/08/07	03/09/07 11:35 AM
0703184-050A	03/08/07 2:15 PM	03/08/07	03/09/07 12:23 PM	0703184-052A	03/08/07 2:50 PM	03/08/07	03/09/07 8:25 AM
0703184-055A	03/08/07 3:25 PM	03/08/07	03/09/07 4:31 AM				

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

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

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

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

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0703184

EPA Method SW8260B	Extraction SW5030B	BatchID: 26674	Spiked Sample ID: 0703184-004A

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
tert-Amyl methyl ether (TAME)	ND	0.050	98	97.8	0.259	97	99.1	2.19	70 - 130	30	70 - 130	30
Benzene	ND	0.050	127	124	2.02	126	125	0.912	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	101	99.9	1.35	107	98.3	8.80	70 - 130	30	70 - 130	30
Chlorobenzene	ND	0.050	104	105	0.0870	104	105	1.07	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	113	116	2.48	112	119	6.53	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	104	102	1.99	102	101	1.19	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	0.050	82.4	83.3	1.09	82.3	81.7	0.777	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	114	113	0.772	112	114	1.06	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	102	102	0	102	103	1.27	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	100	100	0	98.3	99.6	1.34	70 - 130	30	70 - 130	30
Toluene	ND	0.050	107	113	4.66	110	117	6.21	70 - 130	30	70 - 130	30
Trichloroethene	ND	0.050	71.5	70.6	1.24	71.6	70.5	1.65	70 - 130	30	70 - 130	30
%SS1:	78	0.050	99	98	0.700	99	98	1.33	70 - 130	30	70 - 130	30
%SS2:	117	0.050	87	91	4.45	88	93	5.81	70 - 130	30	70 - 130	30
%SS3:	125	0.050	102	105	2.38	105	106	0.739	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 26674 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703184-004A	03/08/07 8:34 AM	03/08/07	03/09/07 1:21 PM	0703184-009A	03/08/07 8:45 AM	03/08/07	03/09/07 2:05 PM
0703184-013A	03/08/07 10:06 AM	03/08/07	03/09/07 7:40 PM	0703184-019A	03/08/07 9:40 AM	03/08/07	03/09/07 2:31 PM
0703184-021A	03/08/07 10:30 AM	03/08/07	03/09/07 1:47 PM	0703184-023A	03/08/07 10:50 AM	03/08/07	03/09/07 8:26 PM
0703184-025A	03/08/07 11:50 AM	03/08/07	03/09/07 9:57 PM	0703184-028A	03/08/07 12:47 PM	03/08/07	03/09/07 9:12 PM
0703184-032A	03/08/07 12:12 PM	03/08/07	03/09/07 5:26 PM	0703184-038A	03/08/07 1:49 PM	03/08/07	03/09/07 6:56 PM
0703184-041A	03/08/07 1:25 PM	03/08/07	03/09/07 4:42 PM	0703184-043A	03/08/07 3:04 PM	03/08/07	03/09/07 3:59 PM
0703184-050A	03/08/07 2:15 PM	03/08/07	03/09/07 3:15 PM	0703184-052A	03/08/07 2:50 PM	03/08/07	03/09/07 6:11 PM
0703184-055A	03/08/07 3:25 PM	03/08/07	03/09/07 2:50 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: Soil QC Matrix: Soil WorkOrder: 0703184

EPA Method: SW8015C	Extraction: SW3550C/3630C	BatchID: 26673	Spiked Sample ID: 0703184-055a

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	97.7	119	19.8	113	117	2.83	70 - 130	30	70 - 130	30
%SS:	107	50	92	101	8.82	103	102	0.757	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 26673 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703184-004A	3/08/07 8:34 AM	3/08/07	3/09/07 4:34 AM	0703184-009A	3/08/07 8:45 AM	3/08/07	3/09/07 5:42 AM
0703184-013A	3/08/07 10:06 AM	3/08/07	3/08/07 11:03 PM	0703184-019A	3/08/07 9:40 AM	3/08/07	3/09/07 6:51 AM
0703184-021A	3/08/07 10:30 AM	3/08/07	3/09/07 7:59 AM	0703184-023A	3/08/07 10:50 AM	3/08/07	3/09/07 10:16 AM
0703184-025A	3/08/07 11:50 AM	3/08/07	3/09/07 1:37 PM	0703184-028A	3/08/07 12:47 PM	3/08/07	3/08/07 9:55 PM
0703184-032A	3/08/07 12:12 PM	3/08/07	3/09/07 12:11 AM	0703184-038A	3/08/07 1:49 PM	3/08/07	3/09/07 2:26 AM
0703184-041A	3/08/07 1:25 PM	3/08/07	3/09/07 5:49 AM	0703184-043A	3/08/07 3:04 PM	3/08/07	3/09/07 3:32 PM
0703184-050A	3/08/07 2:15 PM	3/08/07	3/09/07 5:49 PM	0703184-052A	3/08/07 2:50 PM	3/08/07	3/09/07 2:24 PM
0703184-055A	3/08/07 3:25 PM	3/08/07	3/09/07 4:41 PM				

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

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

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND conta 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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Telephone: 877-252-9262 Fax: 925-252-9269

Bureau Veritas 6920 Koll Center Pkwy, Ste. 216 Pleasanton, CA 94566	Client Project ID: #33107-007514.03	Date Sampled: 03/09/07
		Date Received: 03/09/07
	Client Contact: Craig Pelletier	Date Reported: 03/12/07
	Client P.O.:	Date Completed: 03/12/07

WorkOrder: 0703221

March 12, 2007

Dear Craig:

Enclosed are:

1). the results of **11** analyzed samples from your **#33107-007514.03 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

CGSP 0703221

Clayton Group Services, Inc.
A Bureau Veritas Company

RUSH

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT
Date Results Requested: 24 HR
Rush Charges Authorized? [X] Yes [ ] No
[ ] Fax or [ ] E-mail Results
E-mail address:

For Clayton Use Only
Clayton Lab Project No.

REPORT RESULTS TO
Name: Craig Pelletier
Company: Bureau Veritas
Client Job No.: J3107-007514.01
Dept. Client Services: CS
Mailing Address: 6920 Koll Center Pkwy #214
City, State, Zip: Pleasanton, CA 94566
Telephone No.: 925.426.2607 FAX No.:

SEND INVOICE TO
Purchase Order No.
Name: SAME
Company: Dept.
Address:
City, State, Zip:

Special instructions and/or specific regulatory requirements: (method, limit of detection, etc.)
DMO W/SG

* Explanation of Preservative

Soils: Which state are these from? CA

Waters: [ ] Drinking Water [ ] Groundwater [ ] Wastewater

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.*)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	TPH 8015M	VOCs 8260B	Ho L.D.	FOR LAB USE ONLY
BV-23 1.5-2.0'	3/9/7	0815	soil		1		X		
BV-23 9.5-10.0'		0820			1	X	X		
BV-23 13.5-14.0'		0825			1		X		
BV-23 15.5-16.0'		0830			1		X		
BV-22 5.5-6.0'		0944			1	X	X		
BV-22 15.5-16.0'		0948			1		X		
BV-22 19.5-20.0'		0955			1		X		
BV-22 22.5-23.0'		1002			1		X		
BV-22 27.5-28.0'		1010			1		X		
BV-24 3.5-4.0'		1202			1	X	X		

CHAIN OF CUSTODY
Collected by: Craig Pelletier (print) — Collector's Signature:
Relinquished by: — Date/Time 3/9/7
Relinquished by: — Date/Time
Method of Shipment: Drop off
Received by: — Date/Time 3/9/07 6:05 PM
Received by: — Date/Time
Received at Lab by: — Date/Time
Authorized by: _____ Date _____ (Client Signature **MUST** Accompany Request)
Sample Condition Upon Receipt: [ ] Acceptable [ ] Other (explain)

Please return completed form and samples to one of the Clayton Group Services, Inc. labs listed below:

Detroit Regional Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5887
(248) 344-1770
FAX (248) 344-2655

Atlanta Regional Lab
3380 Chastain Meadows Parkway, Suite 300
Kennesaw, GA 30144
(800) 252-9919
(770) 499-7500
FAX (770) 499-7511

Seattle Regional Lab
4636 E. Marginal Way S., Suite 140
Seattle, WA 98134
(800) 568-7755
(206) 763-7364
FAX (206) 763-4189

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

PRESERVATION	VOAS	O&G	METALS	OTHER

DISTRIBUTION:
White = Clayton Laboratory
Yellow = Clayton Accounting
Pink = Client Copy

10/05 20K

Clayton Group Services, Inc.
A Bureau Veritas Company

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT
Date Results Requested: 24 HR
Rush Charges Authorized? [X] Yes [ ] No
[ ] Fax or [ ] E-mail Results
E-mail address:

For Clayton Use Only
Clayton Lab Project No.

REPORT RESULTS TO
Name: Greg Rutherford
Company: Bureau Veritas
Client Job No.: 33107-007514.03
Dept. Client Services: ES
Mailing Address: 6620 Koll Center Pkwy #216
City, State, Zip: Pleasanton, CA
Telephone No.: 925.426.2607 FAX No.:

SEND INVOICE TO
Purchase Order No.: SAME
Name:
Company: Dept.
Address:
City, State, Zip:

Special instructions and/or specific regulatory requirements: (method, limit of detection, etc.)
TPH w/ SG-CL!

* Explanation of Preservative

Soils: Which state are these from? CA

Waters: [ ] Drinking Water [ ] Groundwater [ ] Wastewater

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.*)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	TPH-mult (5cm 8015)	VOCs 8260 05	HOLD	FOR LAB USE ONLY
BV-4 7.5-8.0'	3/2/7	1204	Soil		1			X	
BV-4 11.5-12.0'		1209			1			X	
BV-20 3.5-4.0'		1403			1	X	X		
BV-20 7.5-8.0'		1410			1			X	
BV-20 11.5-12.0'		1418			1			X	
BV-20 14.5-15.0'		1425			1			X	
BV-19 3.5-4.0'		1313			1	X	X		
BV-19 5.5-6.0'		1310			1			X	
BV-19 9.5-10.0'		1317			1			X	
BV-19 12.5-13.0'		1324			1			X	

CHAIN OF CUSTODY
Collected by: Greg Rutherford (print) — Collector's Signature:
Relinquished by: — Date/Time 3/9/07
Relinquished by: — Date/Time
Method of Shipment: Drop off
Received by: — Date/Time 3/9/07 6:05pm
Received by: — Date/Time
Received at Lab by: — Date/Time
Authorized by: _____ Date _____ (Client Signature **MUST** Accompany Request)
Sample Condition Upon Receipt: [ ] Acceptable [ ] Other (explain)

Please return completed form and samples to one of the Clayton Group Services, Inc. labs listed below:

Detroit Regional Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5887
(248) 344-1770
FAX (248) 344-2655

Atlanta Regional Lab
3380 Chastain Meadows Parkway, Suite 300
Kennesaw, GA 30144
(800) 252-9919
(770) 499-7500
FAX (770) 499-7511

Seattle Regional Lab
4636 E. Marginal Way S., Suite 140
Seattle, WA 98134
(800) 568-7755
(206) 763-7364
FAX (206) 763-4189

DISTRIBUTION:
White = Clayton Laboratory
Yellow = Clayton Accounting
Pink = Client Copy

10/05 20K

Clayton Group Services, Inc.
A Bureau Veritas Company

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT
Date Results Requested: 24-HR
Rush Charges Authorized? [X] Yes [ ] No
[ ] Fax or [ ] E-mail Results
E-mail address:

For Clayton Use Only
Clayton Lab Project No.

REPORT RESULTS TO
Name: Craig Pelletier
Company: Bureau Veritas
Mailing Address: 6920 Koll Center Pkwy
City, State, Zip: Pleasanton, CA
Telephone No.: 925.426.2607 FAX No.:
Client Job No.: 33107-007574.03
Dept. Client Services ES

SEND INVOICE TO
Purchase Order No.
Name
Company: SAME Dept.
Address
City, State, Zip

Special instructions and/or specific regulatory requirements: (method, limit of detection, etc.)
TPH w/ silica gel

* Explanation of Preservative

Soils: Which state are these from? CA

Waters: [ ] Drinking Water [ ] Groundwater [ ] Wastewater

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.*)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	TPH Multiscan 8015	VOCs 8260	RCRA 8 metals	PCBs/OC Pest.	PAHs	Holds	FOR LAB USE ONLY
BV-19 16.5-17.0'	3/9/7		soil		1					+		
BV-19 19.5-20.0'					1					+		
BV-10 1.5-2.0'		0800			1	X	X	X	X			
BV-11 1.5-2.0'		0835			1							
BV-12 1.5-2.0'		0858			1							
BV-10 7.5-8.0'		0807			1	X	X	X	X			
BV-11 7.5-8.0'		0838			1							
BV-12 7.5-8.0'		0900			1							
BV-10 3.5-4.0'		0800			1							
BV-10 6.0-6.5'		0810			1					+		

Composite 1-4
Comp. 5-8

CHAIN OF CUSTODY
Collected by: Craig Pelletier (print) Collector's Signature:
Relinquished by: Date/Time 3/9/07
Relinquished by: Date/Time
Method of Shipment: Dropoff.
Received by: Date/Time 3/9/07 6:08PM
Received by: Date/Time
Received at Lab by: Date/Time
Authorized by: Date
(Client Signature **MUST** Accompany Request)
Sample Condition Upon Receipt: [ ] Acceptable [ ] Other (explain)

Please return completed form and samples to one of the Clayton Group Services, Inc. labs listed below:

Detroit Regional Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5887
(248) 344-1770
FAX (248) 344-2655

Atlanta Regional Lab
3380 Chastain Meadows Parkway, Suite 300
Kennesaw, GA 30144
(800) 252-9919
(770) 499-7500
FAX (770) 499-7511

Seattle Regional Lab
4636 E. Marginal Way S., Suite 140
Seattle, WA 98134
(800) 568-7755
(206) 763-7364
FAX (206) 763-4189

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White = Clayton Laboratory
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BUREAU VERITAS

Clayton Group Services, Inc.

A Bureau Veritas Company

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT

Date Results Requested: 24-HR TAT

Rush Charges Authorized? [X] Yes [ ] No

[ ] Fax or [ ] E-mail Results

E-mail address: _____

For Clayton Use Only
Clayton Lab Project No.

REPORT RESULTS TO

Name: Craig Pemberton
Company: Bureau Veritas
Client Job No.: 37107-007514003
Dept. Client Services 65
Mailing Address: 6450 Roswell Center Pkwy #116
City, State, Zip:
Telephone No.: FAX No.:

SEND INVOICE TO

Purchase Order No.:
Name:
Company: SAME
Dept.:
Address:
City, State, Zip:

Special instructions and/or specific regulatory requirements: (method, limit of detection, etc.)

TPH w/ SGCH

* Explanation of Preservative

Soils: Which state are these from? _____

Waters: [ ] Drinking Water [ ] Groundwater [ ] Wastewater

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.*)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	TPH mod 8015	PAHs	PCBs / OC Pest	RCRA 8 metals	Hold	FOR LAB USE ONLY
BV-11 3.5-4.0'	3/9/7	0832	Soil		1				X		
BV-11 6.5-7.0'		0840			1				X		
BV-12 3.5-4.0'		0855			1				X		
BV-12 6.5-7.0'		0903			1				X		
BV-13 1.5-2.0'		0910			1	X	X	X			
BV-14 1.5-2.0'		0945			1	X	X	X			
BV-15 1.5-2.0'		1013			1	X	X	X			
BV-13 7.5-8.0'		0918			1						
BV-14 7.5-8.0'		0948			1						
BV-15 7.5-8.0'		1013			1						

Comp
Comp

CHAIN OF CUSTODY

Collected by: Craig Pemberton (print) — Collector's Signature: Craig Pemberton
Relinquished by: Craig Pemberton — Date/Time 3/9/7
Relinquished by: — Date/Time
Method of Shipment: Dropoff
Received by: Mel Vall — Date/Time 3/9/07 605pm
Received by: — Date/Time
Received at Lab by: — Date/Time
Authorized by: _____ Date _____ (Client Signature **MUST** Accompany Request)
Sample Condition Upon Receipt: [ ] Acceptable [ ] Other (explain)

Please return completed form and samples to one of the Clayton Group Services, Inc. labs listed below:

Detroit Regional Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5887
(248) 344-1770
FAX (248) 344-2655

Atlanta Regional Lab
3380 Chastain Meadows Parkway, Suite 300
Kennesaw, GA 30144
(800) 252-9919
(770) 499-7500
FAX (770) 499-7511

Seattle Regional Lab
4636 E. Marginal Way S., Suite 140
Seattle, WA 98134
(800) 568-7755
(206) 763-7364
FAX (206) 763-4189

DISTRIBUTION:
White = Clayton Laboratory
Yellow = Clayton Accounting
Pink = Client Copy

10/05 20K

Clayton Group Services, Inc.
A Bureau Veritas Company

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT
Date Results Requested: 24 HR TAT
Rush Charges Authorized? [X] Yes [ ] No
[ ] Fax or [ ] E-mail Results
E-mail address: _____

For Clayton Use Only
Clayton Lab Project No.

REPORT RESULTS TO
Name: Craig Pelletier
Company: Bureau Veritas
Client Job No.: 33107-007514.07
Dept. Client Services: 65
Mailing Address: 6920 Koll Center Pkwy #216
City, State, Zip: Pleasanton, CA
Telephone No.: 925 426 2107
FAX No.:

SEND INVOICE TO
Purchase Order No.:
Name:
Company: SAME
Dept.:
Address:
City, State, Zip:

Special instructions and/or specific regulatory requirements: (method, limit of detection, etc.)
TPH-d SGCU!

* Explanation of Preservative

Soils: Which state are these from? CA

Waters: [ ] Drinking Water [ ] Groundwater [ ] Wastewater

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.*)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	TPH-d w/ SGCU	PAHs 8310	PLAS / OCPest	RCRA 8 Metals	Hold	FOR LAB USE ONLY
BV-13 3.5-4.0'	3/9/7	0914	Soil		1				X		
BV-13 6.0-6.5'		0921			1				X		
BV-14 3.5-4.0		0943			1				X		
BV-14 5.5-6.0'		0951			1				X		
BV-15 3.5-4.0'		1010			1				X		
BV-15 4.5-5.0'		1015			1				X		
BV-16 3.5-4.0'		1032			1				X		
BV-16 6.5-7.0'		1040			1				X		
BV-17 3.5-4.0'		1054			1				X		
BV-17 6.0-6.5'		402			1				X		

CHAIN OF CUSTODY

Collected by: Craig Pelletier (print) — Collector's Signature:
Relinquished by: — Date/Time 3/9/7 — Received by: Mel Valdez — Date/Time 3/9/07 6:05pm
Relinquished by: — Date/Time — Received by: — Date/Time
Method of Shipment: Dropoff — Received at Lab by: — Date/Time

Authorized by: _____ Date _____
(Client Signature **MUST** Accompany Request)

Sample Condition Upon Receipt: [ ] Acceptable [ ] Other (explain)

Please return completed form and samples to one of the Clayton Group Services, Inc. labs listed below:

Detroit Regional Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5887
(248) 344-1770
FAX (248) 344-2655

Atlanta Regional Lab
3380 Chastain Meadows Parkway, Suite 300
Kennesaw, GA 30144
(800) 252-9919
(770) 499-7500
FAX (770) 499-7511

Seattle Regional Lab
4636 E. Marginal Way S., Suite 140
Seattle, WA 98134
(800) 568-7755
(206) 763-7364
FAX (206) 763-4189

DISTRIBUTION:
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Yellow = Clayton Accounting
Pink = Client Copy

10/05 20K

Clayton Group Services, Inc.
A Bureau Veritas Company

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT
Date Results Requested: 24 HR TAT
Rush Charges Authorized? [X] Yes [ ] No
[ ] Fax or [ ] E-mail Results
E-mail address:

For Clayton Use Only
Clayton Lab Project No.

REPORT RESULTS TO
Name: Craig Hunter
Company: Bureau Veritas
Mailing Address: 6920 Koll Center Pkwy
City, State, Zip: Pleasanton, CA
Telephone No.: 426.2607 FAX No.:

Client Job No.: 33107-007574.03
Dept.: Client Services

SEND INVOICE TO
Purchase Order No.:
Name:
Company: SAME Dept.:
Address:
City, State, Zip:

Special instructions and/or specific regulatory requirements: (method, limit of detection, etc.)

* Explanation of Preservative

Soils: Which state are these from? CA

Waters: [ ] Drinking Water [ ] Groundwater [ ] Wastewater

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.*)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	TAT 24 hr with Sem.	PAHs 8310	PCBs/ OCPests	RCRA 8 metals	Hold	FOR LAB USE ONLY
BV-18 3.5-4.0'	3/9/7	1130	Soil		1					X	
BV-18 5.5-6.0'		1134			1					X	
BV-16 1.5-2.0'		1035			1						
BV-17 1.5-2.0'		1052			1						
BV-18 1.5-2.0'		1133			1						
BV-16 7.5-8.0'		1038			1						
BV-17 7.5-8.0'		1100			1						
BV-18 7.5-8.0'		1137			1						

composite
composite

CHAIN OF CUSTODY

Collected by: Craig Hunter (print) Collector's Signature:
Relinquished by: Date/Time 3/9/7
Relinquished by: Date/Time
Method of Shipment: Dropoff
Received by: Date/Time 3/9/07 6:00pm
Received by: Date/Time
Received at Lab by: Date/Time
Sample Condition Upon Receipt: [ ] Acceptable [ ] Other (explain)

Authorized by: Date
(Client Signature **MUST** Accompany Request)

Please return completed form and samples to one of the Clayton Group Services, Inc. labs listed below:

Detroit Regional Lab
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FAX (248) 344-2655

Atlanta Regional Lab
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Kennesaw, GA 30144
(800) 252-9919
(770) 499-7500
FAX (770) 499-7511

Seattle Regional Lab
4636 E. Marginal Way S., Suite 140
Seattle, WA 98134
(800) 568-7755
(206) 763-7364
FAX (206) 763-4189

DISTRIBUTION:
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Yellow = Clayton Accounting
Pink = Client Copy

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0703221 **ClientID: BVP**

☐ EDF ☐ Fax ☐ Email ☐ HardCopy ☐ ThirdParty

Report to:
Craig Pelletier
Bureau Veritas
6920 Koll Center Pkwy, Ste. 216
Pleasanton, CA 94566
Email: craig.pelletier@us.bureauveritas.com
TEL: (925) 426-260 FAX: (925) 426-010
ProjectNo: #33107-007514.03
PO:

Bill t
Joan Miller
Bureau Veritas
6920 Koll Center Pkwy, Ste. 216
Pleasanton, CA 94566
joan.miller@us.bureauveritas.com

Requested TAT: 1 day

Date Received **03/09/2007**
Date Printed: **03/09/2007**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0703221-002	BV-23 9.5-10.0'	Soil	03/09/07 8:20:00	☐		A		A								
0703221-005	BV-22 5.5-6.0'	Soil	03/09/07 9:44:00	☐		A		A								
0703221-010	BV-21 3.5-4.0'	Soil	03/09/07 12:02:00	☐		A		A								
0703221-013	BV-20 3.5-4.0'	Soil	03/09/07 2:03:00	☐		A		A								
0703221-017	BV-19 3.5-4.0'	Soil	03/09/07 1:13:00	☐		A		A								
0703221-023	BV-10,11,12 1.5-2.0'	Soil	03/09/07 8:00:00	☐	A		A	A	A							
0703221-024	BV-10,11,12 7.5-8.0'	Soil	03/09/07 8:07:00	☐	A		A	A	A							
0703221-031	BV-13,14,15 1.5-2.0'	Soil	03/09/07 9:10:00	☐	A		A	A	A							
0703221-032	BV-13,14,15 7.5-8.0'	Soil	03/09/07 9:18:00	☐	A		A	A	A							
0703221-045	BV-16,17,18 1.5-2.0'	Soil	03/09/07 10:35:00	☐	A		A	A	A							
0703221-046	BV-16,17,18 7.5-8.0'	Soil	03/09/07 10:38:00	☐	A		A	A	A							

Test Legend:

1	8081PCB_S	2	8260B_S	3	8310_S	4	G-MBTEX_S	5	RCRAMS_S
6		7		8		9		10	
11		12							

The following SampIDs: 0703221-002A, 0703221-005A, 0703221-010A, 0703221-013A, 0703221-017A, 0703221-023A, 0703221-024A, 0703221-031A, 0703221-032A, 0703221-045A, 0703221-046A contain testgroup.

Prepared by: Melissa Valles

Comments:

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

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Bureau Veritas	Client Project ID: #33107-007514.03	Date Sampled: 03/09/07
		Date Received: 03/09/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/09/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed: 03/10/07

Organochlorine Pesticides (8080 Basic Target List) + PCBs*

Extraction Method: SW3550C Analytical Method: SW8081B/8082A Work Order: 0703221

Lab ID	0703221-023A	0703221-024A	0703221-031A	0703221-032A	Reporting Limit for DF =1	
Client ID	BV-10,11,12 1.5-2.0'	BV-10,11,12 7.5-8.0'	BV-13,14,15 1.5-2.0'	BV-13,14,15 7.5-8.0'		
Matrix	S	S	S	S	S	W
DF	200	2	200	1		
Compound	**Concentration**				mg/kg	µg/L
Aldrin	ND<0.20	ND<0.0020	ND<0.20	ND	0.001	NA
a-BHC	ND<0.20	ND<0.0020	ND<0.20	ND	0.001	NA
b-BHC	ND<0.20	ND<0.0020	ND<0.20	ND	0.001	NA
d-BHC	ND<0.20	ND<0.0020	ND<0.20	ND	0.001	NA
g-BHC	ND<0.20	ND<0.0020	ND<0.20	ND	0.001	NA
Chlordane (Technical)	ND<5.0	ND<0.050	ND<5.0	ND	0.025	NA
a-Chlordane	ND<0.20	ND<0.0020	ND<0.20	ND	0.001	NA
g-Chlordane	ND<0.20	ND<0.0020	ND<0.20	ND	0.001	NA
p,p-DDD	ND<0.20	ND<0.0020	ND<0.20	ND	0.001	NA
p,p-DDE	ND<0.20	ND<0.0020	ND<0.20	ND	0.001	NA
p,p-DDT	ND<0.20	ND<0.0020	ND<0.20	ND	0.001	NA
Dieldrin	ND<0.20	ND<0.0020	ND<0.20	ND	0.001	NA
Endosulfan I	ND<0.20	ND<0.0020	ND<0.20	ND	0.001	NA
Endosulfan II	ND<0.20	ND<0.0020	ND<0.20	ND	0.001	NA
Endosulfan sulfate	ND<0.20	ND<0.0020	ND<0.20	ND	0.001	NA
Endrin	ND<0.20	ND<0.0020	ND<0.20	ND	0.001	NA
Endrin aldehyde	ND<0.20	ND<0.0020	ND<0.20	ND	0.001	NA
Heptachlor	ND<0.20	ND<0.0020	ND<0.20	ND	0.001	NA
Heptachlor epoxide	ND<0.20	ND<0.0020	ND<0.20	ND	0.001	NA
Hexachlorobenzene	ND<2.0	ND<0.020	ND<2.0	ND	0.01	NA
Hexachlorocyclopentadiene	ND<4.0	ND<0.040	ND<4.0	ND	0.02	NA
Methoxychlor	ND<0.20	ND<0.0020	ND<0.20	ND	0.001	NA
Toxaphene	ND<10	ND<0.10	ND<10	ND	0.05	NA
Aroclor1016	ND<5.0	ND<0.050	ND<5.0	ND	0.025	NA
Aroclor1221	ND<5.0	ND<0.050	ND<5.0	ND	0.025	NA
Aroclor1232	ND<5.0	ND<0.050	ND<5.0	ND	0.025	NA
Aroclor1242	ND<5.0	ND<0.050	ND<5.0	ND	0.025	NA
Aroclor1248	ND<5.0	ND<0.050	ND<5.0	ND	0.025	NA
Aroclor1254	ND<5.0	ND<0.050	ND<5.0	ND	0.025	NA
Aroclor1260	ND<5.0	ND<0.050	ND<5.0	ND	0.025	NA
PCBs, total	ND<5.0	ND<0.050	ND<5.0	ND	0.025	NA
Surrogate Recoveries (%)						
%SS:	---#	105	100	104		
Comments	j	j	j			

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, 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 or surrogate coelutes with another peak.

(a) PCB aroclor 1016; (b) PCB aroclor 1221; (c) PCB aroclor 1232; (d) PCB aroclor 1242; (e) PCB aroclor 1248; (f) PCB aroclor 1254; (g) PCB aroclor 1260; (h) a lighter than water immiscible sheen/product is present; (i) liquid sample that contains >~1 vol. % sediment; (j) sample diluted due to high organic content; (k) p,p,- is the same as 4,4,-; (l) florisil (EPA 3620) cleanup; (m) silica-gel (EPA 3630) cleanup; (n) elemental sulfur (EPA 3660) cleanup; (o) sulfuric acid permanganate (EPA 3665) cleanup; (r) 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

Bureau Veritas	Client Project ID: #33107-007514.03	Date Sampled: 03/09/07
		Date Received: 03/09/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/09/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed: 03/10/07

Organochlorine Pesticides (8080 Basic Target List) + PCBs*

Extraction Method: SW3550C Analytical Method: SW8081B/8082A Work Order: 0703221

Lab ID	0703221-045A	0703221-046A			Reporting Limit for DF =1	
Client ID	BV-16,17,18 1.5-2.0'	BV-16,17,18 7.5-8.0'				
Matrix	S	S			S	W
DF	1000	1				
Compound	**Concentration**				mg/kg	µg/L
Aldrin	ND<1.0	ND			0.001	NA
a-BHC	ND<1.0	ND			0.001	NA
b-BHC	ND<1.0	ND			0.001	NA
d-BHC	ND<1.0	ND			0.001	NA
g-BHC	ND<1.0	ND			0.001	NA
Chlordane (Technical)	ND<25	ND			0.025	NA
a-Chlordane	ND<1.0	ND			0.001	NA
g-Chlordane	ND<1.0	ND			0.001	NA
p,p-DDD	ND<1.0	ND			0.001	NA
p,p-DDE	ND<1.0	ND			0.001	NA
p,p-DDT	ND<1.0	ND			0.001	NA
Dieldrin	ND<1.0	ND			0.001	NA
Endosulfan I	ND<1.0	ND			0.001	NA
Endosulfan II	ND<1.0	ND			0.001	NA
Endosulfan sulfate	ND<1.0	ND			0.001	NA
Endrin	ND<1.0	ND			0.001	NA
Endrin aldehyde	ND<1.0	ND			0.001	NA
Heptachlor	ND<1.0	ND			0.001	NA
Heptachlor epoxide	ND<1.0	ND			0.001	NA
Hexachlorobenzene	ND<10	ND			0.01	NA
Hexachlorocyclopentadiene	ND<20	ND			0.02	NA
Methoxychlor	ND<1.0	ND			0.001	NA
Toxaphene	ND<50	ND			0.05	NA
Aroclor1016	ND<25	ND			0.025	NA
Aroclor1221	ND<25	ND			0.025	NA
Aroclor1232	ND<25	ND			0.025	NA
Aroclor1242	ND<25	ND			0.025	NA
Aroclor1248	ND<25	ND			0.025	NA
Aroclor1254	ND<25	ND			0.025	NA
Aroclor1260	ND<25	ND			0.025	NA
PCBs, total	ND<25	ND			0.025	NA
Surrogate Recoveries (%)						
%SS:	98	110				
Comments	j					

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, 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 or surrogate coelutes with another peak.

(a) PCB aroclor 1016; (b) PCB aroclor 1221; (c) PCB aroclor 1232; (d) PCB aroclor 1242; (e) PCB aroclor 1248; (f) PCB aroclor 1254; (g) PCB aroclor 1260; (h) a lighter than water immiscible sheen/product is present; (i) liquid sample that contains >~1 vol. % sediment; (j) sample diluted due to high organic content; (k) p,p,- is the same as 4,4,-; (l) florisil (EPA 3620) cleanup; (m) silica-gel (EPA 3630) cleanup; (n) elemental sulfur (EPA 3660) cleanup; (o) sulfuric acid permanganate (EPA 3665) cleanup; (r) results are reported on a dry weight basis; (p) see attached narrative.

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Bureau Veritas	Client Project ID: #33107-007514.03	Date Sampled: 03/09/07
		Date Received: 03/09/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/09/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/10/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703221

Lab ID	0703221-002A
Client ID	BV-23 9.5-10.0'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	95	%SS2:	102
%SS3:	110		

Comments:

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Bureau Veritas	Client Project ID: #33107-007514.03	Date Sampled: 03/09/07
		Date Received: 03/09/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/09/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/10/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703221

Lab ID	0703221-005A
Client ID	BV-22 5.5-6.0'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	97	%SS2:	102
%SS3:	114		

Comments:

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Bureau Veritas	Client Project ID: #33107-007514.03	Date Sampled: 03/09/07
		Date Received: 03/09/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/09/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/10/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703221

Lab ID	0703221-010A
Client ID	BV-21 3.5-4.0'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	99	%SS2:	101
%SS3:	116		

Comments:

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Bureau Veritas	Client Project ID: #33107-007514.03	Date Sampled: 03/09/07
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6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/09/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/10/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703221

Lab ID	0703221-013A
Client ID	BV-20 3.5-4.0'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	100	%SS2:	102
%SS3:	121		

Comments:

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Bureau Veritas	Client Project ID: #33107-007514.03	Date Sampled: 03/09/07
		Date Received: 03/09/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/09/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/10/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703221

Lab ID	0703221-017A
Client ID	BV-19 3.5-4.0'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	101	%SS2:	100
%SS3:	120		

Comments:

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Bureau Veritas 6920 Koll Center Pkwy, Ste. 216 Pleasanton, CA 94566	Client Project ID: #33107-007514.03	Date Sampled: 03/09/07
		Date Received: 03/09/07
	Client Contact: Craig Pelletier	Date Extracted: 03/09/07
	Client P.O.:	Date Analyzed 03/10/07-03/12/07

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) by HPLC*

Extraction Method: SW3550C Analytical Method: SW8310 Work Order: 0703221

Lab ID	0703221-023A	0703221-024A	0703221-031A	0703221-032A	Reporting Limit for DF =1	
Client ID	BV-10,11,12 1.5-2.0'	BV-10,11,12 7.5-8.0'	BV-13,14,15 1.5-2.0'	BV-13,14,15 7.5-8.0'		
Matrix	S	S	S	S	S	W
DF	20	1	20	1		
Compound	**Concentration**				mg/kg	ug/L
Acenaphthene	ND<0.10	ND	ND<0.10	ND	0.005	NA
Acenaphthylene	ND<0.10	ND	ND<0.10	ND	0.005	NA
Anthracene	ND<0.10	ND	ND<0.10	ND	0.005	NA
Benzo (a) anthracene	ND<0.10	ND	ND<0.10	ND	0.005	NA
Benzo (a) pyrene	ND<0.10	ND	ND<0.10	ND	0.005	NA
Benzo (b) fluoranthene	ND<0.10	ND	ND<0.10	ND	0.005	NA
Benzo (g,h,i) perylene	ND<0.10	ND	ND<0.10	ND	0.005	NA
Benzo (k) fluoranthene	ND<0.10	ND	ND<0.10	ND	0.005	NA
Chrysene	ND<0.10	ND	ND<0.10	ND	0.005	NA
Dibenzo (a,h) anthracene	ND<0.10	ND	ND<0.10	ND	0.005	NA
Fluoranthene	ND<0.10	ND	ND<0.10	ND	0.005	NA
Fluorene	ND<0.10	ND	ND<0.10	ND	0.005	NA
Indeno (1,2,3) pyrene	ND<0.10	ND	ND<0.10	ND	0.005	NA
1-Methylnaphthalene	ND<0.10	ND	ND<0.10	ND	0.005	NA
2-Methylnaphthalene	ND<0.10	ND	ND<0.10	ND	0.005	NA
Naphthalene	ND<0.10	ND	ND<0.10	ND	0.005	NA
Phenanthrene	ND<0.10	ND	ND<0.10	ND	0.005	NA
Pyrene	ND<0.10	ND	ND<0.10	ND	0.005	NA
Surrogate Recoveries (%)						
%SS1	94	114	99	86		
%SS2	87	91	95	85		
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 or surrogate coelutes with another peak.

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

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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Bureau Veritas 6920 Koll Center Pkwy, Ste. 216 Pleasanton, CA 94566	Client Project ID: #33107-007514.03	Date Sampled: 03/09/07
		Date Received: 03/09/07
	Client Contact: Craig Pelletier	Date Extracted: 03/09/07
	Client P.O.:	Date Analyzed 03/10/07-03/12/07

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) by HPLC*

Extraction Method: SW3550C Analytical Method: SW8310 Work Order: 0703221

					Reporting Limit for DF =1	
Lab ID	0703221-045A	0703221-046A				
Client ID	BV-16,17,18 1.5-2.0'	BV-16,17,18 7.5-8.0'				
Matrix	S	S			S	W
DF	100	1				
Compound	**Concentration**				mg/kg	ug/L
Acenaphthene	ND<0.50	ND			0.005	NA
Acenaphthylene	ND<0.50	ND			0.005	NA
Anthracene	ND<0.50	ND			0.005	NA
Benzo (a) anthracene	ND<0.50	ND			0.005	NA
Benzo (a) pyrene	ND<0.50	ND			0.005	NA
Benzo (b) fluoranthene	ND<0.50	ND			0.005	NA
Benzo (g,h,i) perylene	ND<0.50	ND			0.005	NA
Benzo (k) fluoranthene	ND<0.50	ND			0.005	NA
Chrysene	ND<0.50	ND			0.005	NA
Dibenzo (a,h) anthracene	ND<0.50	ND			0.005	NA
Fluoranthene	ND<0.50	ND			0.005	NA
Fluorene	ND<0.50	ND			0.005	NA
Indeno (1,2,3) pyrene	ND<0.50	ND			0.005	NA
1-Methylnaphthalene	ND<0.50	ND			0.005	NA
2-Methylnaphthalene	ND<0.50	ND			0.005	NA
Naphthalene	ND<0.50	ND			0.005	NA
Phenanthrene	ND<0.50	ND			0.005	NA
Pyrene	ND<0.50	ND			0.005	NA
Surrogate Recoveries (%)						
%SS1	---#	99				
%SS2	---#	83				
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 or surrogate coelutes with another peak.

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

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Bureau Veritas 6920 Koll Center Pkwy, Ste. 216 Pleasanton, CA 94566	Client Project ID: #33107-007514.03	Date Sampled: 03/09/07
		Date Received: 03/09/07
	Client Contact: Craig Pelletier	Date Extracted: 03/09/07
	Client P.O.:	Date Analyzed 03/10/07

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

Extraction method SW5030B Analytical methods SW8015Cm Work Order: 0703221

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
002A	BV-23 9.5-10.0'	S	ND	1	84
005A	BV-22 5.5-6.0'	S	ND	1	86
010A	BV-21 3.5-4.0'	S	ND	1	84
013A	BV-20 3.5-4.0'	S	ND	1	82
017A	BV-19 3.5-4.0'	S	ND	1	87
023A	BV-10,11,12 1.5-2.0'	S	ND	1	90
024A	BV-10,11,12 7.5-8.0'	S	ND	1	92
031A	BV-13,14,15 1.5-2.0'	S	ND	1	97
032A	BV-13,14,15 7.5-8.0'	S	ND	1	91
045A	BV-16,17,18 1.5-2.0'	S	ND	1	88
046A	BV-16,17,18 7.5-8.0'	S	ND	1	87

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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Bureau Veritas	Client Project ID: #33107-007514.03	Date Sampled: 03/09/07
		Date Received: 03/09/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/09/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/12/07

RCRA 8 Metals*

Extraction Method: SW3050B Analytical Method: 6020A Work Order: 0703221

Lab ID	0703221-023A	0703221-024A	0703221-031A	0703221-032A	Reporting Limit for DF =1	
Client ID	BV-10,11,12 1.5-2.0'	BV-10,11,12 7.5-8.0'	BV-13,14,15 1.5-2.0'	BV-13,14,15 7.5-8.0'		
Matrix	Soil	Soil	Soil	Soil		
DF	1	1	1	1		
Extraction Type	TTLC	TTLC	TTLC	TTLC	S	W
Compound	**Concentration**				mg/Kg	µg/L
Arsenic	10	3.2	10	3.9	0.5	NA
Barium	210	150	170	110	5.0	NA
Cadmium	ND	ND	ND	ND	0.25	NA
Chromium	61	52	83	58	0.5	NA
Lead	82	17	53	5.3	0.5	NA
Mercury	0.28	0.10	0.19	0.056	0.05	NA
Selenium	ND	ND	ND	ND	0.5	NA
Silver	ND	ND	ND	ND	0.5	NA
Surrogate Recoveries (%)						
%SS:	107	107	117	105		
Comments						

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

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

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

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		Date Received: 03/09/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/09/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/12/07

RCRA 8 Metals*

Extraction Method: SW3050B Analytical Method: 6020A Work Order: 0703221

Lab ID	0703221-045A	0703221-046A			Reporting Limit for DF =1	
Client ID	BV-16,17,18 1.5-2.0'	BV-16,17,18 7.5-8.0'				
Matrix	Soil	Soil				
DF	1	1				
Extraction Type	TTLC	TTLC			S	W
Compound	**Concentration**				mg/Kg	µg/L
Arsenic	18	4.9			0.5	NA
Barium	180	200			5.0	NA
Cadmium	ND	ND			0.25	NA
Chromium	46	69			0.5	NA
Lead	950	6.8			0.5	NA
Mercury	0.26	0.10			0.05	NA
Selenium	ND	ND			0.5	NA
Silver	ND	ND			0.5	NA
Surrogate Recoveries (%)						
%SS:	108	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.

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

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Bureau Veritas 6920 Koll Center Pkwy, Ste. 216 Pleasanton, CA 94566	Client Project ID: #33107-007514.03	Date Sampled: 03/09/07
		Date Received: 03/09/07
	Client Contact: Craig Pelletier	Date Extracted: 03/09/07
	Client P.O.:	Date Analyzed 03/10/07-03/12/07

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

Extraction method: SW3550C/3630C Analytical methods: SW8015C Work Order: 0703221

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0703221-002A	BV-23 9.5-10.0'	S	ND	ND	1	104
0703221-005A	BV-22 5.5-6.0'	S	ND	ND	1	107
0703221-010A	BV-21 3.5-4.0'	S	ND	ND	1	113
0703221-013A	BV-20 3.5-4.0'	S	ND	ND	1	115
0703221-017A	BV-19 3.5-4.0'	S	ND	ND	1	106
0703221-023A	BV-10,11,12 1.5-2.0'	S	19,g,b	90	5	105
0703221-024A	BV-10,11,12 7.5-8.0'	S	ND	ND	1	111
0703221-031A	BV-13,14,15 1.5-2.0'	S	9.2,g,b	66	5	111
0703221-032A	BV-13,14,15 7.5-8.0'	S	ND	ND	1	86
0703221-045A	BV-16,17,18 1.5-2.0'	S	43,g,b	190	10	111
0703221-046A	BV-16,17,18 7.5-8.0'	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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QC SUMMARY REPORT FOR SW8081B/8082A

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0703221

EPA Method SW8081B/8082A	Extraction SW3550C				BatchID: 26650				Spiked Sample ID: 0703156-004A			
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
Aldrin	ND<0.020	0.010	73.7	82.3	11.0	114	114	0	70 - 130	30	70 - 130	30
g-BHC	ND<0.020	0.010	73.4	80.2	8.93	87.2	87	0.211	70 - 130	30	70 - 130	30
p,p-DDT	ND<0.020	0.025	NR	NR	NR	77.8	78.3	0.624	70 - 130	30	70 - 130	30
Dieldrin	ND<0.020	0.025	91.1	98.2	7.51	106	106	0	70 - 130	30	70 - 130	30
Endrin	ND<0.020	0.025	90.2	97.8	8.12	105	105	0	70 - 130	30	70 - 130	30
Heptachlor	ND<0.020	0.010	66, F1	72.6	9.51	81	80.7	0.437	70 - 130	30	70 - 130	30
%SS:	99	0.050	99	105	6.24	109	106	3.22	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

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

BATCH 26650 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703221-023A	03/09/07 8:00 AM	03/09/07	03/10/07 6:42 AM	0703221-024A	03/09/07 8:07 AM	03/09/07	03/10/07 7:39 AM
0703221-031A	03/09/07 9:10 AM	03/09/07	03/10/07 8:35 AM	0703221-032A	03/09/07 9:18 AM	03/09/07	03/10/07 2:16 PM
0703221-045A	03/09/07 10:35 AM	03/09/07	03/10/07 9:32 AM	0703221-046A	03/09/07 10:38 AM	03/09/07	03/10/07 1:20 PM

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

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

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

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

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

DHS ELAP Certification N° 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

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 SW8260B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0703221

EPA Method SW8260B	Extraction SW5030B				BatchID: 26700				Spiked Sample ID: 0703215-002A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	110	108	1.86	114	110	3.53	70 - 130	30	70 - 130	30
Benzene	ND	0.050	126	126	0	128	128	0	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	106	105	1.01	115	107	6.66	70 - 130	30	70 - 130	30
Chlorobenzene	ND	0.050	112	109	3.16	115	113	1.35	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	117	116	1.16	123	117	5.56	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	117	113	3.83	118	116	1.37	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	0.050	79.3	76.1	4.17	83.4	88.5	5.84	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	124	122	2.08	125	124	0.806	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	114	112	2.15	117	114	3.20	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	115	113	1.46	120	114	4.57	70 - 130	30	70 - 130	30
Toluene	ND	0.050	115	112	2.22	121	114	5.47	70 - 130	30	70 - 130	30
Trichloroethene	ND	0.050	77.2	74.5	3.53	77.4	76.4	1.25	70 - 130	30	70 - 130	30
%SS1:	109	0.050	100	100	0	101	100	0.890	70 - 130	30	70 - 130	30
%SS2:	98	0.050	91	92	0.952	94	91	3.79	70 - 130	30	70 - 130	30
%SS3:	119	0.050	101	102	0.644	102	100	2.38	70 - 130	30	70 - 130	30

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

NONE

BATCH 26700 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703221-002A	03/09/07 8:20 AM	03/09/07	03/10/07 2:33 AM	0703221-005A	03/09/07 9:44 AM	03/09/07	03/10/07 3:18 AM
0703221-010A	03/09/07 12:02 PM	03/09/07	03/10/07 4:05 AM	0703221-013A	03/09/07 2:03 PM	03/09/07	03/10/07 4:51 AM
0703221-017A	03/09/07 1:13 PM	03/09/07	03/10/07 5:37 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 SW8310

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0703221

EPA Method SW8310	Extraction SW3550C				BatchID: 26713				Spiked Sample ID: 0703221-046a			
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	0.015	85.7	84.3	1.67	83.8	90.4	7.62	80 - 120	20	80 - 120	20
Chrysene	ND	0.015	99.3	95.2	4.20	85.2	88.6	3.90	80 - 120	20	80 - 120	20
1-Methylnaphthalene	ND	0.015	91.4	90.6	0.785	99.7	94.2	5.68	80 - 120	20	80 - 120	20
2-Methylnaphthalene	ND	0.015	105	103	1.91	111	104	6.51	80 - 120	20	80 - 120	20
Phenanthrene	ND	0.015	96.2	98.7	2.58	100	98.5	1.91	80 - 120	20	80 - 120	20
Pyrene	ND	0.015	83.9	85.2	1.58	116	102	12.3	80 - 120	20	80 - 120	20
%SS1:	99	1	93	96	3.04	85	89	4.31	70 - 130	30	70 - 130	30
%SS2:	83	0.50	114	110	3.08	96	115	18.4	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 26713 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703221-023A	03/09/07 8:00 AM	03/09/07	03/10/07 2:12 AM	0703221-024A	03/09/07 8:07 AM	03/09/07	03/10/07 1:03 AM
0703221-031A	03/09/07 9:10 AM	03/09/07	03/10/07 2:46 AM	0703221-032A	03/09/07 9:18 AM	03/09/07	03/10/07 1:38 AM
0703221-045A	03/09/07 10:35 AM	03/09/07	03/12/07 10:20 AM	0703221-046A	03/09/07 10:38 AM	03/09/07	03/10/07 12:29 AM

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

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

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

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

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0703221

EPA Method SW8021B/8015Cm	Extraction SW5030B				BatchID: 26712				Spiked Sample ID: 0703221-046A			
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	99	4.10	111	98.5	11.6	70 - 130	30	70 - 130	30
MTBE	ND	0.10	101	96.1	5.16	107	104	3.31	70 - 130	30	70 - 130	30
Benzene	ND	0.10	101	102	1.66	106	97.7	7.75	70 - 130	30	70 - 130	30
Toluene	ND	0.10	89.1	89.5	0.512	92.2	85	8.07	70 - 130	30	70 - 130	30
Ethylbenzene	ND	0.10	97.7	101	2.99	102	96.9	5.26	70 - 130	30	70 - 130	30
Xylenes	ND	0.30	91.3	95	3.94	95.3	91	4.65	70 - 130	30	70 - 130	30
%SS:	87	0.10	109	90	18.7	97	105	7.88	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 26712 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703221-002A	03/09/07 8:20 AM	03/09/07	03/10/07 10:39 AM	0703221-005A	03/09/07 9:44 AM	03/09/07	03/10/07 12:11 PM
0703221-010A	03/09/07 12:02 PM	03/09/07	03/10/07 11:10 AM	0703221-013A	03/09/07 2:03 PM	03/09/07	03/10/07 10:09 AM
0703221-017A	03/09/07 1:13 PM	03/09/07	03/10/07 9:07 AM	0703221-023A	03/09/07 8:00 AM	03/09/07	03/10/07 4:34 AM
0703221-024A	03/09/07 8:07 AM	03/09/07	03/10/07 5:04 AM	0703221-031A	03/09/07 9:10 AM	03/09/07	03/10/07 9:38 AM
0703221-032A	03/09/07 9:18 AM	03/09/07	03/10/07 11:41 AM	0703221-045A	03/09/07 10:35 AM	03/09/07	03/10/07 12:00 PM
0703221-046A	03/09/07 10:38 AM	03/09/07	03/10/07 11:25 AM				

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

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

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

£ 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 6020A

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0703221

EPA Method 6020A **Extraction SW3050B** **BatchID: 26630** **Spiked Sample ID 0702418-002A**

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
Arsenic	10	50	100	101	0.859	10	104	102	2.23	75 - 125	20	80 - 120	20
Barium	100	500	98.1	98.8	0.571	100	97.6	95.7	1.92	75 - 125	20	80 - 120	20
Cadmium	ND	50	94	94.4	0.360	10	98.9	97.1	1.84	75 - 125	20	80 - 120	20
Chromium	53	50	86.2	84.5	0.909	10	103	102	1.27	75 - 125	20	80 - 120	20
Lead	16	50	93.1	93.8	0.512	10	101	98.2	2.62	75 - 125	20	80 - 120	20
Mercury	0.31	2.5	98.9	100	0.965	0.50	102	101	1.64	75 - 125	20	80 - 120	20
Selenium	ND	50	89.4	93.4	4.34	10	94.9	95.4	0.494	75 - 125	20	80 - 120	20
Silver	ND	50	91.6	92.5	1.02	10	103	100	2.27	75 - 125	20	80 - 120	20
%SS:	101	250	101	98	3.30	250	99	96	2.80	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 26630 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703221-023A	03/09/07 8:00 AM	03/09/07	03/12/07 2:39 PM	0703221-024A	03/09/07 8:07 AM	03/09/07	03/12/07 2:46 PM
0703221-031A	03/09/07 9:10 AM	03/09/07	03/12/07 2:54 PM	0703221-032A	03/09/07 9:18 AM	03/09/07	03/12/07 3:01 PM
0703221-045A	03/09/07 10:35 AM	03/09/07	03/12/07 3:34 PM	0703221-045A	03/09/07 10:35 AM	03/09/07	03/12/07 3:49 PM
0703221-046A	03/09/07 10:38 AM	03/09/07	03/12/07 3:41 PM	0703221-046A	03/09/07 10:38 AM	03/09/07	03/12/07 3:54 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 SW8015C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0703221

EPA Method SW8015C	Extraction SW3550C/3630C	BatchID: 26699	Spiked Sample ID: 0703221-046A

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	98.7	99.2	0.554	101	102	1.59	70 - 130	30	70 - 130	30
%SS:	110	50	106	106	0	109	111	2.29	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 26699 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703221-002A	03/09/07 8:20 AM	03/09/07	03/10/07 6:53 PM	0703221-005A	03/09/07 9:44 AM	03/09/07	03/10/07 8:02 PM
0703221-010A	03/09/07 12:02 PM	03/09/07	03/10/07 9:10 PM	0703221-013A	03/09/07 2:03 PM	03/09/07	03/10/07 10:18 PM
0703221-017A	03/09/07 1:13 PM	03/09/07	03/10/07 11:27 PM	0703221-023A	03/09/07 8:00 AM	03/09/07	03/11/07 12:35 AM
0703221-024A	03/09/07 8:07 AM	03/09/07	03/11/07 2:52 AM	0703221-031A	03/09/07 9:10 AM	03/09/07	03/11/07 1:44 AM
0703221-032A	03/09/07 9:18 AM	03/09/07	03/12/07 3:31 PM	0703221-045A	03/09/07 10:35 AM	03/09/07	03/11/07 5:09 AM
0703221-046A	03/09/07 10:38 AM	03/09/07	03/10/07 10:18 PM				

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

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

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

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

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

DHS ELAP Certification N° 1644

QA/QC Officer

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Bureau Veritas 6920 Koll Center Pkwy, Ste. 216 Pleasanton, CA 94566	Client Project ID: #33107-007514.03	Date Sampled: 03/09/07
		Date Received: 03/09/07
	Client Contact: Craig Pelletier	Date Reported: 03/12/07
	Client P.O.:	Date Completed: 03/14/07

WorkOrder: 0703221

March 14, 2007

Dear Craig:

Enclosed are:

1). the results of **1** analyzed sample from your **#33107-007514.03 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

Clayton Group Services, Inc.
A Bureau Veritas Company

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT
Date Results Requested: 24 HR TAT
Rush Charges Authorized? [X] Yes [ ] No
[ ] Fax or [ ] E-mail Results
E-mail address:

For Clayton Use Only
Clayton Lab Project No.

REPORT RESULTS TO
Name: Craig Ferentz
Company: Bureau Veritas
Mailing Address: 6920 Koll Center Pkwy
City, State, Zip: Pleasanton, CA
Telephone No.: 426.2607 FAX No.:
Client Job No.: 33107-007514.03
Dept. Client Services

SEND INVOICE TO
Purchase Order No.
Name
Company: SAME Dept.
Address
City, State, Zip

Special instructions and/or specific regulatory requirements: (method, limit of detection, etc.)

* Explanation of Preservative

Soils: Which state are these from? CA

Waters: [ ] Drinking Water [ ] Groundwater [ ] Wastewater

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.*)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	TPH gas/BTEX/MTBE	PAHs 8310	PCBs (Aroclors)	RCRA 8 metals	LUFT 5	TCLP VOCs & SVOCs	FOR LAB USE ONLY
BV-18 3.5-4.0'	3/9/07	1130	Soil		1				X			
BV-18 5.5-6.0'		1134			1				X			
BV-16 1.5-2.0'		1035			1	X	X	X	X			
BV-17 1.5-2.0'		1052			1	X	X	X	X			
BV-18 1.5-2.0'		1133			1	X	X	X	X			
BV-16 7.5-8.0'		1038			1	X	X	X	X			
BV-17 7.5-8.0'		1100			1	X	X	X	X			
BV-18 7.5-8.0'		1137			1	X	X	X	X	X	X	

composite
composite

CHAIN OF CUSTODY
Collected by: Craig Ferentz (print) Collector's Signature:
Relinquished by: Craig Ferentz Date/Time 3/9/07
Relinquished by: Date/Time
Method of Shipment: Dropoff
Received by: Date/Time 3/9/07 6:00pm
Received by: Date/Time
Received at Lab by: Date/Time
Sample Condition Upon Receipt: [ ] Acceptable [ ] Other (explain)

Authorized by: _____ Date _____
(Client Signature **MUST** Accompany Request)

Please return completed form and samples to one of the Clayton Group Services, Inc. labs listed below:

Detroit Regional Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5887
(248) 344-1770
FAX (248) 344-2655

Atlanta Regional Lab
3380 Chastain Meadows Parkway, Suite 300
Kennesaw, GA 30144
(800) 252-9919
(770) 499-7500
FAX (770) 499-7511

Seattle Regional Lab
4636 E. Marginal Way S., Suite 140
Seattle, WA 98134
(800) 568-7755
(206) 763-7364
FAX (206) 763-4189

DISTRIBUTION:
White = Clayton Laboratory
Yellow = Clayton Accounting
Pink = Client Copy

10/05 20K

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0703221 **ClientID: BVP**

☐ EDF ☐ Fax ☐ Email ☐ HardCopy ☐ ThirdParty

Report to:
Craig Pelletier
Bureau Veritas
6920 Koll Center Pkwy, Ste. 216
Pleasanton, CA 94566

Email: craig.pelletier@us.bureauveritas.com
TEL: (925) 426-260 FAX: (925) 426-010
ProjectNo: #33107-007514.03
PO:

Bill t
Joan Miller
Bureau Veritas
6920 Koll Center Pkwy, Ste. 216
Pleasanton, CA 94566
joan.miller@us.bureauveritas.com

Requested TAT: 1 day
Date Received 3/09/2007
Date Add-On: 3/13/2007
Date Printed: 3/13/2007

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
0703221-045	BV-16, 1.5-2.0'	Soil	03/09/07 10:35:00	☐	B											
0703221-045	BV-17, 1.5-2.0'	Soil	03/09/07 10:35:00	☐	C											
0703221-045	BV-18, 1.5-2.0'	Soil	03/09/07 10:35:00	☐	D											

Test Legend:

1	METALSMS_S	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments: #045; as, pb added on 24hr tat on sample but wants it as discrete on comp per cp 3/13

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

Bureau Veritas 6920 Koll Center Pkwy, Ste. 216 Pleasanton, CA 94566	Client Project ID: #33107-007514.03	Date Sampled: 03/09/07
		Date Received: 03/09/07
	Client Contact: Craig Pelletier	Date Extracted: 03/13/07
	Client P.O.:	Date Analyzed: 03/13/07

Metals*

Extraction method: SW3050B Analytical methods: 6020A Work Order: 0703221

Lab ID	Client ID	Matrix	Extraction	Arsenic	Lead	DF	% SS
045B	BV-16, 1.5-2.0'	S	TTLC	4.7	320	1	102
045C	BV-17, 1.5-2.0'	S	TTLC	12	92	1	104
045D	BV-18, 1.5-2.0'	S	TTLC	48	4900	1	105
Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TTLC	NA	NA	NA		
	S	TTLC	0.5	0.5	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.

J) analyte detected between reporting limits (RLs) and method detection limits (MDLs).

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TTLC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrrogate recovery; 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 6020A

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0703221

EPA Method 6020A **Extraction SW3050B** **BatchID: 26655** **Spiked Sample ID 0703137-007A**

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
Arsenic	1.4	50	102	102	0	10	105	105	0	75 - 125	20	80 - 120	20
Lead	22	50	93.9	96.8	2.06	10	97.6	98.9	1.36	75 - 125	20	80 - 120	20
%SS:	102	250	100	101	0.557	250	98	100	1.69	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 26655 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703221-045B	03/09/07 10:35 AM	03/13/07	03/13/07 5:04 PM	0703221-045B	03/09/07 10:35 AM	03/13/07	03/13/07 5:52 PM
0703221-045C	03/09/07 10:35 AM	03/13/07	03/13/07 5:10 PM	0703221-045D	03/09/07 10:35 AM	03/13/07	03/13/07 5:16 PM
0703221-045D	03/09/07 10:35 AM	03/13/07	03/13/07 5:58 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

APPENDIX D

GRAB-GROUNDWATER ANALYTICAL LABORATORY REPORTS

McCampbell Analytical, Inc.
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1534 Willow Pass Road, Pittsburg, CA 94565-1701
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Telephone: 877-252-9262 Fax: 925-252-9269

Bureau Veritas 6920 Koll Center Pkwy, Ste. 216 Pleasanton, CA 94566	Client Project ID: #33107-007574.03	Date Sampled: 03/08/07
		Date Received: 03/08/07
	Client Contact: Craig Pelletier	Date Reported: 03/12/07
	Client P.O.:	Date Completed: 03/12/07

WorkOrder: 0703185

March 12, 2007

Dear Craig:

Enclosed are:

1). the results of **5** analyzed samples from your **#33107-007574.03 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

BVP 0703185

RUSH!

Clayton Group Services, Inc.
A Bureau Veritas Company

BUREAU VERITAS

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT
Date Results Requested: 48 HR.
Rush Charges Authorized? [X] Yes [ ] No
[ ] Fax or [X] E-mail Results
E-mail address: craig.pelletier@us.bureauveritas.com

For Clayton Use Only
Clayton Lab Project No.

REPORT RESULTS TO
Name: Craig Pelletier
Company: Bureau Veritas
Mailing Address: 6330 Koll Center Pkwy #216
City, State, Zip: Pleasanton, CA 94566
Telephone No.: 925.426.2607 FAX No.: 925.426.0106
Client Job No.: 33107-007574.03
Dept. Client Services ES

SEND INVOICE TO
Purchase Order No.
Name
Company: SAME Dept.
Address
City, State, Zip

Special instructions and/or specific regulatory requirements: (method, limit of detection, etc.)
TPH-d,mo by 8015m w/ SGCh

* Explanation of Preservative

Soils: Which state are these from?

Waters: [ ] Drinking Water [X] Groundwater [ ] Wastewater

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.*)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	TPH-d,mo w/SGCh	TPH-g 8015M	VOCs 8260	FOR LAB USE ONLY
+10	BV-28	3/8/07	0940	Water		6	X	X	X	
+15	BV-27		1105			6	X	X	X	
+13	BV-26		1320				X	X	X	
+5	BV-25		1440				X	X	X	
+5	BV-24		1605				X	X	X	

ICE/° 1.2°C
GOOD CONDITION ✓ APPROPRIATE CONTAINERS ✓
HEAD SPACE ABSENT ✓
DECHLORINATED IN LAB ____ PRESERVED IN LAB ____
PRESERVATION: VOAs | O&G | METALS | OTHER

CHAIN OF CUSTODY

Collected by: Craig Pelletier (print)	Collector's Signature:		
Relinquished by:	Date/Time 3/8/7	Received by: Sheli Lyndaman 3/8/07	Date/Time 5:50
Relinquished by:	Date/Time	Received by:	Date/Time
Method of Shipment:		Received at Lab by:	Date/Time
Authorized by: (Client Signature **MUST** Accompany Request) Date		Sample Condition Upon Receipt: [ ] Acceptable [ ] Other (explain)	

Please return completed form and samples to one of the Clayton Group Services, Inc. labs listed below:

Detroit Regional Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5887
(248) 344-1770
FAX (248) 344-2655

Atlanta Regional Lab
3380 Chastain Meadows Parkway, Suite 300
Kennesaw, GA 30144
(800) 252-9919
(770) 499-7500
FAX (770) 499-7511

Seattle Regional Lab
4636 E. Marginal Way S., Suite 140
Seattle, WA 98134
(800) 568-7755
(206) 763-7364
FAX (206) 763-4189

DISTRIBUTION:
White = Clayton Laboratory
Yellow = Clayton Accounting
Pink = Client Copy

10/05 20K

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0703185 **ClientID: BVP**

☐ EDF ☐ Fax ☐ Email ☐ HardCopy ☐ ThirdParty

Report to:
Craig Pelletier
Bureau Veritas
6920 Koll Center Pkwy, Ste. 216
Pleasanton, CA 94566

Email: craig.pelletier@us.bureauveritas.com
TEL: (925) 426-260 FAX: (925) 426-010
ProjectNo: #33107-007574.03
PO:

Bill to
Joan Miller
Bureau Veritas
6920 Koll Center Pkwy, Ste. 216
Pleasanton, CA 94566
joan.miller@us.bureauveritas.com

Requested TAT: 2 days

Date Received: **03/08/2007**
Date Printed: **03/08/2007**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0703185-001	BV-28	Water	03/08/07 9:40:00	☐	B	A										
0703185-002	BV-27	Water	03/08/07 11:05:00	☐	B	A										
0703185-003	BV-26	Water	03/08/07 1:20:00	☐	B	A										
0703185-004	BV-25	Water	03/08/07 2:40:00	☐	B	A										
0703185-005	BV-24	Water	03/08/07 4:05:00	☐	B	A										

Test Legend:

1	8260B_W	2	G-MBTEX_W	3		4		5	
6		7		8		9		10	
11		12							

The following SampIDs: 0703185-001A, 0703185-002A, 0703185-003A, 0703185-004A, 0703185-005A contain testgroup.

Prepared by: Sheli Cryderman

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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Bureau Veritas	Client Project ID: #33107-007574.03	Date Sampled: 03/08/07
		Date Received: 03/08/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/09/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/09/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703185

Lab ID	0703185-001B
Client ID	BV-28
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	0.71	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	103	%SS2:	101
%SS3:	112		

Comments: i

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative; q) reported in ppm

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Bureau Veritas	Client Project ID: #33107-007574.03	Date Sampled: 03/08/07
		Date Received: 03/08/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/09/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/09/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703185

Lab ID	0703185-002B
Client ID	BV-27
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	105	%SS2:	101
%SS3:	110		

Comments: i

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative; q) reported in ppm

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Bureau Veritas	Client Project ID: #33107-007574.03	Date Sampled: 03/08/07
		Date Received: 03/08/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/09/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/09/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703185

Lab ID	0703185-003B
Client ID	BV-26
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	4.2	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	5.1	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	0.67	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	106	%SS2:	101
%SS3:	110		

Comments: i

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative; q) reported in ppm

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Bureau Veritas	Client Project ID: #33107-007574.03	Date Sampled: 03/08/07
		Date Received: 03/08/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/09/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/09/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703185

Lab ID	0703185-004B
Client ID	BV-25
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	1.0	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	1.3	1.0	0.5	sec-Butyl benzene	1.8	1.0	0.5
tert-Butyl benzene	1.5	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	22	1.0	0.5
trans-1,2-Dichloroethene	1.0	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	3.7	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	2.7	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	92	%SS2:	95
%SS3:	98		

Comments: i

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative; q) reported in ppm

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Bureau Veritas	Client Project ID: #33107-007574.03	Date Sampled: 03/08/07
		Date Received: 03/08/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/09/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/09/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703185

Lab ID	0703185-005B
Client ID	BV-24
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<1000	100	10	Acrolein (Propenal)	ND<500	100	5.0
Acrylonitrile	ND<200	100	2.0	tert-Amyl methyl ether (TAME)	ND<50	100	0.5
Benzene	3100	100	0.5	Bromobenzene	ND<50	100	0.5
Bromochloromethane	ND<50	100	0.5	Bromodichloromethane	ND<50	100	0.5
Bromoform	ND<50	100	0.5	Bromomethane	ND<50	100	0.5
2-Butanone (MEK)	ND<200	100	2.0	t-Butyl alcohol (TBA)	ND<500	100	5.0
n-Butyl benzene	140	100	0.5	sec-Butyl benzene	72	100	0.5
tert-Butyl benzene	ND<50	100	0.5	Carbon Disulfide	ND<50	100	0.5
Carbon Tetrachloride	ND<50	100	0.5	Chlorobenzene	ND<50	100	0.5
Chloroethane	ND<50	100	0.5	2-Chloroethyl Vinyl Ether	ND<100	100	1.0
Chloroform	ND<50	100	0.5	Chloromethane	ND<50	100	0.5
2-Chlorotoluene	ND<50	100	0.5	4-Chlorotoluene	ND<50	100	0.5
Dibromochloromethane	ND<50	100	0.5	1,2-Dibromo-3-chloropropane	ND<50	100	0.5
1,2-Dibromoethane (EDB)	ND<50	100	0.5	Dibromomethane	ND<50	100	0.5
1,2-Dichlorobenzene	ND<50	100	0.5	1,3-Dichlorobenzene	ND<50	100	0.5
1,4-Dichlorobenzene	ND<50	100	0.5	Dichlorodifluoromethane	ND<50	100	0.5
1,1-Dichloroethane	ND<50	100	0.5	1,2-Dichloroethane (1,2-DCA)	ND<50	100	0.5
1,1-Dichloroethene	ND<50	100	0.5	cis-1,2-Dichloroethene	65	100	0.5
trans-1,2-Dichloroethene	ND<50	100	0.5	1,2-Dichloropropane	ND<50	100	0.5
1,3-Dichloropropane	ND<50	100	0.5	2,2-Dichloropropane	ND<50	100	0.5
1,1-Dichloropropene	ND<50	100	0.5	cis-1,3-Dichloropropene	ND<50	100	0.5
trans-1,3-Dichloropropene	ND<50	100	0.5	Diisopropyl ether (DIPE)	ND<50	100	0.5
Ethylbenzene	3500	100	0.5	Ethyl tert-butyl ether (ETBE)	ND<50	100	0.5
Freon 113	ND<1000	100	10	Hexachlorobutadiene	ND<50	100	0.5
Hexachloroethane	ND<50	100	0.5	2-Hexanone	ND<50	100	0.5
Isopropylbenzene	100	100	0.5	4-Isopropyl toluene	ND<50	100	0.5
Methyl-t-butyl ether (MTBE)	1200	100	0.5	Methylene chloride	ND<50	100	0.5
4-Methyl-2-pentanone (MIBK)	ND<50	100	0.5	Naphthalene	660	100	0.5
Nitrobenzene	ND<1000	100	10	n-Propyl benzene	460	100	0.5
Styrene	ND<50	100	0.5	1,1,1,2-Tetrachloroethane	ND<50	100	0.5
1,1,2,2-Tetrachloroethane	ND<50	100	0.5	Tetrachloroethene	ND<50	100	0.5
Toluene	340	100	0.5	1,2,3-Trichlorobenzene	ND<50	100	0.5
1,2,4-Trichlorobenzene	ND<50	100	0.5	1,1,1-Trichloroethane	ND<50	100	0.5
1,1,2-Trichloroethane	ND<50	100	0.5	Trichloroethene	ND<50	100	0.5
Trichlorofluoromethane	ND<50	100	0.5	1,2,3-Trichloropropane	ND<50	100	0.5
1,2,4-Trimethylbenzene	2100	100	0.5	1,3,5-Trimethylbenzene	660	100	0.5
Vinyl Chloride	ND<50	100	0.5	Xylenes	9700	100	0.5

Surrogate Recoveries (%)

%SS1:	87	%SS2:	100
%SS3:	99		

Comments: h,i

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative; q) reported in ppm

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Bureau Veritas 6920 Koll Center Pkwy, Ste. 216 Pleasanton, CA 94566	Client Project ID: #33107-007574.03	Date Sampled: 03/08/07
		Date Received: 03/08/07
	Client Contact: Craig Pelletier	Date Extracted: 03/09/07
	Client P.O.:	Date Analyzed 03/09/07

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

Extraction method: SW5030B Analytical methods: SW8015Cm Work Order: 0703185

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
001A	BV-28	W	ND,i	1	91
002A	BV-27	W	ND,i	1	88
003A	BV-26	W	ND,i	1	94
004A	BV-25	W	700,m	1	108
005A	BV-24	W	61,000,a,h,i	50	99

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	NA	NA

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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Bureau Veritas 6920 Koll Center Pkwy, Ste. 216 Pleasanton, CA 94566	Client Project ID: #33107-007574.03	Date Sampled: 03/08/07
		Date Received: 03/08/07
	Client Contact: Craig Pelletier	Date Extracted: 03/08/07
	Client P.O.:	Date Analyzed 03/12/07

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

Extraction method: SW3510C/3630C Analytical methods: SW8015C Work Order: 0703185

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0703185-001A	BV-28	W	ND,i	ND	1	98
0703185-002A	BV-27	W	290,g,b,i	1600	1	98
0703185-003A	BV-26	W	110,g,b,i	1200	1	108
0703185-004A	BV-25	W	290,n,i	ND	1	100
0703185-005A	BV-24	W	79,000,d,h,i	ND<12,000	50	96

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.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0703185

EPA Method SW8260B	Extraction SW5030B	BatchID: 26671	Spiked Sample ID: 0703185-002B

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	10	96.6	96.1	0.537	103	100	2.95	70 - 130	30	70 - 130	30
Benzene	ND	10	125	123	1.37	127	128	0.760	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	95.3	101	5.68	101	105	4.55	70 - 130	30	70 - 130	30
Chlorobenzene	ND	10	96.3	96.3	0	108	105	2.67	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	104	105	0.515	116	113	2.29	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	99.1	99.4	0.268	108	107	1.19	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	10	89	83.1	6.81	87.7	92	4.82	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	112	110	1.87	117	112	3.61	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	102	99.6	2.12	107	103	3.39	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	97.4	97.6	0.237	104	102	2.77	70 - 130	30	70 - 130	30
Toluene	ND	10	100	98.7	1.23	111	105	5.76	70 - 130	30	70 - 130	30
Trichloroethene	ND	10	71.6	70.6	1.45	76.6	74.4	2.82	70 - 130	30	70 - 130	30
%SS1:	105	10	107	104	2.35	100	99	0.601	70 - 130	30	70 - 130	30
%SS2:	101	10	90	88	1.57	85	82	3.94	70 - 130	30	70 - 130	30
%SS3:	110	10	104	104	0	104	101	3.30	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 26671 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703185-001B	03/08/07 9:40 AM	03/09/07	03/09/07 5:07 AM	0703185-002B	03/08/07 11:05 AM	03/09/07	03/09/07 5:53 AM
0703185-003B	03/08/07 1:20 PM	03/09/07	03/09/07 6:38 AM	0703185-004B	03/08/07 2:40 PM	03/09/07	03/09/07 7:24 AM
0703185-005B	03/08/07 4:05 PM	03/09/07	03/09/07 8:09 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 SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0703185

EPA Method SW8021B/8015Cm **Extraction SW5030B** **BatchID: 26653** **Spiked Sample ID: 0703158-002A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	93.9	95.5	1.73	98.7	99.4	0.686	70 - 130	30	70 - 130	30
MTBE	ND	10	102	96	5.87	94.8	93.1	1.82	70 - 130	30	70 - 130	30
Benzene	ND	10	99.2	99.4	0.234	103	96.8	6.19	70 - 130	30	70 - 130	30
Toluene	ND	10	90.1	90.7	0.735	95.2	89	6.74	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	90.6	79.6	12.9	99.6	99.3	0.349	70 - 130	30	70 - 130	30
Xylenes	ND	30	93	96.7	3.87	100	96.7	3.39	70 - 130	30	70 - 130	30
%SS:	87	10	91	92	1.72	99	94	5.01	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 26653 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703185-001A	03/08/07 9:40 AM	03/09/07	03/09/07 7:29 AM	0703185-002A	03/08/07 11:05 AM	03/09/07	03/09/07 8:34 AM
0703185-003A	03/08/07 1:20 PM	03/09/07	03/09/07 9:07 AM	0703185-004A	03/08/07 2:40 PM	03/09/07	03/09/07 9:40 AM
0703185-005A	03/08/07 4:05 PM	03/09/07	03/09/07 8:01 AM				

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

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

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

£ 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

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 SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0703185

EPA Method SW8015C	Extraction SW3510C/3630C	BatchID: 26587	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	108	0.964	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	104	103	0.419	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 26587 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703185-001A	03/08/07 9:40 AM	03/08/07	03/12/07 1:14 PM	0703185-002A	03/08/07 11:05 AM	03/08/07	03/12/07 1:15 PM
0703185-003A	03/08/07 1:20 PM	03/08/07	03/12/07 2:23 PM	0703185-003A	03/08/07 1:20 PM	03/08/07	03/12/07 2:23 PM
0703185-004A	03/08/07 2:40 PM	03/08/07	03/12/07 3:41 PM	0703185-005A	03/08/07 4:05 PM	03/08/07	03/12/07 2:27 PM

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

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

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

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

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

DHS ELAP Certification N° 1644

QA/QC Officer

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

Bureau Veritas 6920 Koll Center Pkwy, Ste. 216 Pleasanton, CA 94566	Client Project ID: #3310700751403	Date Sampled: 03/09/07
		Date Received: 03/09/07
	Client Contact: Craig Pelletier	Date Reported: 03/12/07
	Client P.O.:	Date Completed: 03/12/07

WorkOrder: 0703223

March 12, 2007

Dear Craig:

Enclosed are:

1). the results of **6** analyzed samples from your **#3310700751403 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

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0703223 **ClientID: BVP**

☐ EDF ☐ Fax ☐ Email ☐ HardCopy ☐ ThirdParty

Report to:
Craig Pelletier
Bureau Veritas
6920 Koll Center Pkwy, Ste. 216
Pleasanton, CA 94566
Email: craig.pelletier@us.bureauveritas.com
TEL: (925) 426-260 FAX: (925) 426-010
ProjectNo: #3310700751403
PO:

Bill to
Joan Miller
Bureau Veritas
6920 Koll Center Pkwy, Ste. 216
Pleasanton, CA 94566
joan.miller@us.bureauveritas.com

Requested TAT: 1 day

Date Received: **03/09/2007**
Date Printed: **03/09/2007**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0703223-001	BV-23	Water	03/09/07 11:10:00	☐	A	B										
0703223-002	BV-22	Water	03/09/07 10:40:00	☐	A	B										
0703223-003	BV-21	Water	03/09/07 1:30:00	☐	A	B										
0703223-004	BV-20	Water	03/09/07 3:10:00	☐	A	B										
0703223-005	BV-19	Water	03/09/07 2:20:00	☐	A	B										
0703223-006	BV-22A	Water	03/09/07 11:25:00	☐	A	B										

Test Legend:

1	8260B_W	2	G-MBTEX_W	3		4		5	
6		7		8		9		10	
11		12							

The following SampIDs: 0703223-001B, 0703223-002B, 0703223-003B, 0703223-004B, 0703223-005B, 0703223-006B contain testgroup.

Prepared by: Sheli Cryderman

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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Bureau Veritas	Client Project ID: #3310700751403	Date Sampled: 03/09/07
		Date Received: 03/09/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/09/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/09/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703223

Lab ID	0703223-001A
Client ID	BV-23
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<1000	100	10	Acrolein (Propenal)	ND<500	100	5.0
Acrylonitrile	ND<200	100	2.0	tert-Amyl methyl ether (TAME)	ND<50	100	0.5
Benzene	1100	100	0.5	Bromobenzene	ND<50	100	0.5
Bromochloromethane	ND<50	100	0.5	Bromodichloromethane	ND<50	100	0.5
Bromoform	ND<50	100	0.5	Bromomethane	ND<50	100	0.5
2-Butanone (MEK)	ND<200	100	2.0	t-Butyl alcohol (TBA)	ND<500	100	5.0
n-Butyl benzene	160	100	0.5	sec-Butyl benzene	ND<50	100	0.5
tert-Butyl benzene	ND<50	100	0.5	Carbon Disulfide	ND<50	100	0.5
Carbon Tetrachloride	ND<50	100	0.5	Chlorobenzene	ND<50	100	0.5
Chloroethane	ND<50	100	0.5	2-Chloroethyl Vinyl Ether	ND<100	100	1.0
Chloroform	ND<50	100	0.5	Chloromethane	ND<50	100	0.5
2-Chlorotoluene	ND<50	100	0.5	4-Chlorotoluene	ND<50	100	0.5
Dibromochloromethane	ND<50	100	0.5	1,2-Dibromo-3-chloropropane	ND<50	100	0.5
1,2-Dibromoethane (EDB)	ND<50	100	0.5	Dibromomethane	ND<50	100	0.5
1,2-Dichlorobenzene	ND<50	100	0.5	1,3-Dichlorobenzene	ND<50	100	0.5
1,4-Dichlorobenzene	ND<50	100	0.5	Dichlorodifluoromethane	ND<50	100	0.5
1,1-Dichloroethane	ND<50	100	0.5	1,2-Dichloroethane (1,2-DCA)	ND<50	100	0.5
1,1-Dichloroethene	ND<50	100	0.5	cis-1,2-Dichloroethene	ND<50	100	0.5
trans-1,2-Dichloroethene	ND<50	100	0.5	1,2-Dichloropropane	ND<50	100	0.5
1,3-Dichloropropane	ND<50	100	0.5	2,2-Dichloropropane	ND<50	100	0.5
1,1-Dichloropropene	ND<50	100	0.5	cis-1,3-Dichloropropene	ND<50	100	0.5
trans-1,3-Dichloropropene	ND<50	100	0.5	Diisopropyl ether (DIPE)	ND<50	100	0.5
Ethylbenzene	3400	100	0.5	Ethyl tert-butyl ether (ETBE)	ND<50	100	0.5
Freon 113	ND<1000	100	10	Hexachlorobutadiene	ND<50	100	0.5
Hexachloroethane	ND<50	100	0.5	2-Hexanone	ND<50	100	0.5
Isopropylbenzene	180	100	0.5	4-Isopropyl toluene	ND<50	100	0.5
Methyl-t-butyl ether (MTBE)	90	100	0.5	Methylene chloride	ND<50	100	0.5
4-Methyl-2-pentanone (MIBK)	ND<50	100	0.5	Naphthalene	490	100	0.5
Nitrobenzene	ND<1000	100	10	n-Propyl benzene	510	100	0.5
Styrene	ND<50	100	0.5	1,1,1,2-Tetrachloroethane	ND<50	100	0.5
1,1,2,2-Tetrachloroethane	ND<50	100	0.5	Tetrachloroethene	ND<50	100	0.5
Toluene	220	100	0.5	1,2,3-Trichlorobenzene	ND<50	100	0.5
1,2,4-Trichlorobenzene	ND<50	100	0.5	1,1,1-Trichloroethane	ND<50	100	0.5
1,1,2-Trichloroethane	ND<50	100	0.5	Trichloroethene	ND<50	100	0.5
Trichlorofluoromethane	ND<50	100	0.5	1,2,3-Trichloropropane	ND<50	100	0.5
1,2,4-Trimethylbenzene	1500	100	0.5	1,3,5-Trimethylbenzene	540	100	0.5
Vinyl Chloride	ND<50	100	0.5	Xylenes	4200	100	0.5

Surrogate Recoveries (%)

%SS1:	101	%SS2:	92
%SS3:	98		

Comments: h,i

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative; q) reported in ppm

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Bureau Veritas	Client Project ID: #3310700751403	Date Sampled: 03/09/07
		Date Received: 03/09/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/09/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/09/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703223

Lab ID	0703223-002A
Client ID	BV-22
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	0.65	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	38	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	1.0	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	103	%SS2:	92
%SS3:	98		

Comments: i

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative; q) reported in ppm

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Bureau Veritas	Client Project ID: #3310700751403	Date Sampled: 03/09/07
		Date Received: 03/09/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/09/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/09/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703223

Lab ID	0703223-003A
Client ID	BV-21
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	31	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	102	%SS2:	92
%SS3:	98		

Comments: i

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative; q) reported in ppm

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Bureau Veritas	Client Project ID: #3310700751403	Date Sampled: 03/09/07
		Date Received: 03/09/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/10/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/10/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703223

Lab ID	0703223-004A
Client ID	BV-20
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	0.74	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	30	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	0.63	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	102	%SS2:	92
%SS3:	98		

Comments: i

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative; q) reported in ppm

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Bureau Veritas	Client Project ID: #3310700751403	Date Sampled: 03/09/07
		Date Received: 03/09/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/10/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/10/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703223

Lab ID	0703223-005A
Client ID	BV-19
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	3.5	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	2.3	1.0	0.5	sec-Butyl benzene	1.1	1.0	0.5
tert-Butyl benzene	2.9	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	2.4	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	0.86	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	29	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	0.95	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	1.1	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	0.77	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	1.6	1.0	0.5

Surrogate Recoveries (%)

%SS1:	103	%SS2:	95
%SS3:	102		

Comments: i

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative; q) reported in ppm

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Bureau Veritas	Client Project ID: #3310700751403	Date Sampled: 03/09/07
		Date Received: 03/09/07
6920 Koll Center Pkwy, Ste. 216	Client Contact: Craig Pelletier	Date Extracted: 03/12/07
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 03/12/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703223

Lab ID	0703223-006A
Client ID	BV-22A
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<50	5.0	10	Acrolein (Propenal)	ND<25	5.0	5.0
Acrylonitrile	ND<10	5.0	2.0	tert-Amyl methyl ether (TAME)	ND<2.5	5.0	0.5
Benzene	ND<2.5	5.0	0.5	Bromobenzene	ND<2.5	5.0	0.5
Bromochloromethane	ND<2.5	5.0	0.5	Bromodichloromethane	ND<2.5	5.0	0.5
Bromoform	ND<2.5	5.0	0.5	Bromomethane	ND<2.5	5.0	0.5
2-Butanone (MEK)	ND<10	5.0	2.0	t-Butyl alcohol (TBA)	ND<25	5.0	5.0
n-Butyl benzene	56	5.0	0.5	sec-Butyl benzene	24	5.0	0.5
tert-Butyl benzene	ND<2.5	5.0	0.5	Carbon Disulfide	ND<2.5	5.0	0.5
Carbon Tetrachloride	ND<2.5	5.0	0.5	Chlorobenzene	ND<2.5	5.0	0.5
Chloroethane	ND<2.5	5.0	0.5	2-Chloroethyl Vinyl Ether	ND<5.0	5.0	1.0
Chloroform	ND<2.5	5.0	0.5	Chloromethane	ND<2.5	5.0	0.5
2-Chlorotoluene	ND<2.5	5.0	0.5	4-Chlorotoluene	ND<2.5	5.0	0.5
Dibromochloromethane	ND<2.5	5.0	0.5	1,2-Dibromo-3-chloropropane	ND<2.5	5.0	0.5
1,2-Dibromoethane (EDB)	ND<2.5	5.0	0.5	Dibromomethane	ND<2.5	5.0	0.5
1,2-Dichlorobenzene	ND<2.5	5.0	0.5	1,3-Dichlorobenzene	ND<2.5	5.0	0.5
1,4-Dichlorobenzene	ND<2.5	5.0	0.5	Dichlorodifluoromethane	ND<2.5	5.0	0.5
1,1-Dichloroethane	ND<2.5	5.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND<2.5	5.0	0.5
1,1-Dichloroethene	ND<2.5	5.0	0.5	cis-1,2-Dichloroethene	12	5.0	0.5
trans-1,2-Dichloroethene	ND<2.5	5.0	0.5	1,2-Dichloropropane	ND<2.5	5.0	0.5
1,3-Dichloropropane	ND<2.5	5.0	0.5	2,2-Dichloropropane	ND<2.5	5.0	0.5
1,1-Dichloropropene	ND<2.5	5.0	0.5	cis-1,3-Dichloropropene	ND<2.5	5.0	0.5
trans-1,3-Dichloropropene	ND<2.5	5.0	0.5	Diisopropyl ether (DIPE)	ND<2.5	5.0	0.5
Ethylbenzene	25	5.0	0.5	Ethyl tert-butyl ether (ETBE)	ND<2.5	5.0	0.5
Freon 113	ND<50	5.0	10	Hexachlorobutadiene	ND<2.5	5.0	0.5
Hexachloroethane	ND<2.5	5.0	0.5	2-Hexanone	ND<2.5	5.0	0.5
Isopropylbenzene	42	5.0	0.5	4-Isopropyl toluene	ND<2.5	5.0	0.5
Methyl-t-butyl ether (MTBE)	ND<2.5	5.0	0.5	Methylene chloride	ND<2.5	5.0	0.5
4-Methyl-2-pentanone (MIBK)	ND<2.5	5.0	0.5	Naphthalene	ND<2.5	5.0	0.5
Nitrobenzene	ND<50	5.0	10	n-Propyl benzene	66	5.0	0.5
Styrene	ND<2.5	5.0	0.5	1,1,1,2-Tetrachloroethane	ND<2.5	5.0	0.5
1,1,2,2-Tetrachloroethane	ND<2.5	5.0	0.5	Tetrachloroethene	4.2	5.0	0.5
Toluene	ND<2.5	5.0	0.5	1,2,3-Trichlorobenzene	ND<2.5	5.0	0.5
1,2,4-Trichlorobenzene	ND<2.5	5.0	0.5	1,1,1-Trichloroethane	ND<2.5	5.0	0.5
1,1,2-Trichloroethane	ND<2.5	5.0	0.5	Trichloroethene	ND<2.5	5.0	0.5
Trichlorofluoromethane	ND<2.5	5.0	0.5	1,2,3-Trichloropropane	ND<2.5	5.0	0.5
1,2,4-Trimethylbenzene	ND<2.5	5.0	0.5	1,3,5-Trimethylbenzene	3.5	5.0	0.5
Vinyl Chloride	7.8	5.0	0.5	Xylenes	2.5	5.0	0.5

Surrogate Recoveries (%)

%SS1:	112	%SS2:	91
%SS3:	92		

Comments: h,i

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative; q) reported in ppm

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Bureau Veritas 6920 Koll Center Pkwy, Ste. 216 Pleasanton, CA 94566	Client Project ID: #3310700751403	Date Sampled: 03/09/07
		Date Received: 03/09/07
	Client Contact: Craig Pelletier	Date Extracted: 03/10/07-03/12/07
	Client P.O.:	Date Analyzed 03/10/07-03/12/07

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

Extraction method: SW5030B Analytical methods: SW8015Cm Work Order: 0703223

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
001B	BV-23	W	50,000,a,h,i	100	98
002B	BV-22	W	62,i	1	107
003B	BV-21	W	ND,i	1	111
004B	BV-20	W	64,f,i	1	106
005B	BV-19	W	1500,m,i	1	103
006B	BV-22A	W	9300,b,m,h,i	10	103

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	NA	NA

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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Bureau Veritas 6920 Koll Center Pkwy, Ste. 216 Pleasanton, CA 94566	Client Project ID: #3310700751403	Date Sampled: 03/09/07
		Date Received: 03/09/07
	Client Contact: Craig Pelletier	Date Extracted: 03/09/07
	Client P.O.:	Date Analyzed: 03/10/07-03/12/07

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

Extraction method: SW3510C/3630C Analytical methods: SW8015C Work Order: 0703223

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0703223-001B	BV-23	W	43,000,d,h,i	720	1	---#
0703223-002B	BV-22	W	ND,g,i	350	1	111
0703223-003B	BV-21	W	ND,i	ND	1	110
0703223-004B	BV-20	W	ND,i	ND	1	110
0703223-005B	BV-19	W	1600,k,i	ND	1	117
0703223-006B	BV-22A	W	64,000,n,h,i	ND<12,000	50	105

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	NA	NA	mg/Kg

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

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

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0703223

EPA Method SW8260B	Extraction SW5030B	BatchID: 26671	Spiked Sample ID: 0703185-002B

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	10	96.6	96.1	0.537	103	100	2.95	70 - 130	30	70 - 130	30
Benzene	ND	10	125	123	1.37	127	128	0.760	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	95.3	101	5.68	101	105	4.55	70 - 130	30	70 - 130	30
Chlorobenzene	ND	10	96.3	96.3	0	108	105	2.67	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	104	105	0.515	116	113	2.29	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	99.1	99.4	0.268	108	107	1.19	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	10	89	83.1	6.81	87.7	92	4.82	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	112	110	1.87	117	112	3.61	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	102	99.6	2.12	107	103	3.39	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	97.4	97.6	0.237	104	102	2.77	70 - 130	30	70 - 130	30
Toluene	ND	10	100	98.7	1.23	111	105	5.76	70 - 130	30	70 - 130	30
Trichloroethene	ND	10	71.6	70.6	1.45	76.6	74.4	2.82	70 - 130	30	70 - 130	30
%SS1:	105	10	107	104	2.35	100	99	0.601	70 - 130	30	70 - 130	30
%SS2:	101	10	90	88	1.57	85	82	3.94	70 - 130	30	70 - 130	30
%SS3:	110	10	104	104	0	104	101	3.30	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 26671 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703223-001A	03/09/07 11:10 AM	03/09/07	03/09/07 9:54 PM	0703223-002A	03/09/07 10:40 AM	03/09/07	03/09/07 10:41 PM
0703223-003A	03/09/07 1:30 PM	03/09/07	03/09/07 11:26 PM	0703223-004A	03/09/07 3:10 PM	03/10/07	03/10/07 1:44 AM
0703223-005A	03/09/07 2:20 PM	03/10/07	03/10/07 2:31 AM	0703223-006A	03/09/07 11:25 AM	03/12/07	03/12/07 12:10 PM

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

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

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

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

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

DHS ELAP Certification N° 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0703223

EPA Method SW8021B/8015Cm	Extraction SW5030B				BatchID: 26653				Spiked Sample ID: 0703158-002A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	93.9	95.5	1.73	98.7	99.4	0.686	70 - 130	30	70 - 130	30
MTBE	ND	10	102	96	5.87	94.8	93.1	1.82	70 - 130	30	70 - 130	30
Benzene	ND	10	99.2	99.4	0.234	103	96.8	6.19	70 - 130	30	70 - 130	30
Toluene	ND	10	90.1	90.7	0.735	95.2	89	6.74	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	90.6	79.6	12.9	99.6	99.3	0.349	70 - 130	30	70 - 130	30
Xylenes	ND	30	93	96.7	3.87	100	96.7	3.39	70 - 130	30	70 - 130	30
%SS:	87	10	91	92	1.72	99	94	5.01	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 26653 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703223-001B	03/09/07 11:10 AM	03/10/07	03/10/07 3:35 AM	0703223-002B	03/09/07 10:40 AM	03/10/07	03/10/07 4:34 AM
0703223-003B	03/09/07 1:30 PM	03/10/07	03/10/07 6:03 AM	0703223-004B	03/09/07 3:10 PM	03/10/07	03/10/07 6:33 AM
0703223-005B	03/09/07 2:20 PM	03/10/07	03/10/07 5:04 AM	0703223-006B	03/09/07 11:25 AM	03/12/07	03/12/07 3:13 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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QA/QC Officer

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0703223

EPA Method: SW8015C	Extraction: SW3510C/3630C	BatchID: 26709	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	93.3	97	3.89	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	105	111	4.99	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 26709 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703223-001B	03/09/07 11:10 AM	03/09/07	03/10/07 4:37 PM	0703223-002B	03/09/07 10:40 AM	03/09/07	03/10/07 1:11 PM
0703223-003B	03/09/07 1:30 PM	03/09/07	03/10/07 5:45 PM	0703223-004B	03/09/07 3:10 PM	03/09/07	03/10/07 10:55 AM
0703223-005B	03/09/07 2:20 PM	03/09/07	03/10/07 12:03 PM	0703223-006B	03/09/07 11:25 AM	03/09/07	03/12/07 2:23 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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