6920 Koll Center Parkway Suite 216 Pleasanton, CA 94566 925.426.2600 Fax 925.426.0106



October 7, 2004

Ms. Donna Drogos ALAMEDA COUNTY ENVIRONMENTAL HEALTH 1131 Harbor Bay Parkway Alameda, California 94501



Clayton Project No. 70-04429.01

Subject: Phase II Environmental Investigation at the Former Quest Laboratory 6511 Golden Gate Drive, Dublin, California

Dear Ms. Drogos:

On behalf of Safeway Inc., Clayton conducted an environmental assessment of the property referenced above. Clayton has enclosed a copy of the report entitled "Phase II Environmental Investigation at Former Quest Laboratory, 6511 Golden Gate Drive, Dublin, California," that summarizes the findings of the investigation. A former underground gasoline tank (UST) was removed from the site in 1989 and a minor gasoline release to soil was identified. After some additional assessment, the county closed the site in 1990. Clayton's recent investigation identified some residual petroleum hydrocarbons in groundwater at the site and requests that you review the data and determine if the county will require any additional action.

We look forward to a response from your department. If you have any questions, please contact me at (925) 426-2679 or by email at dashton@claytongrp.com.

Sincerely,

Donald A. Ashton, RG

Senior Geologist

Environmental Services

DAA/daa

Enclosure

6920 Koll Center Parkway Suite 216 Pleasanton, CA 94566 925.426.2600 Fax 925.426.0106



April 26, 2004

Mr. Jeffrey Brown SAFEWAY INC. 6000 Stoneridge Mall Road Pleasanton, California 94588-3229

Clayton Project No. 70-04429.01

Subject: Phase II Environmental Investigation at the Former Quest Laboratory 6511 Golden Gate Drive, Dublin, California

Dear Mr. Brown:

Enclosed are three copies of the report entitled "Phase II Environmental Investigation at Former Quest Laboratory, 6511 Golden Gate Drive, Dublin, California." Please note that Clayton still has not received a response from the California Department of Health Services regarding the status of the Radioactive Material License closure by Quest.

Thank you for this opportunity to be of service to Safeway. If you have any questions, please contact me at (925) 426-2679.

Sincerely.

Donald A. Ashton Senior Geologist

Environmental Services

DAA/daa

Enclosures



Phase II Environmental Investigation

At
Former Quest Laboratory Facility
6511 Golden Gate Drive
Dublin, California

For SAFEWAY INC. Pleasanton, California

Clayton Project No. 70-04429.01 April 26, 2004

Prepared by:
CLAYTON GROUP SERVICES, INC.
6920 Koll Center Parkway
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1. <u>INTRODUCTION</u>

Mr. Jeffrey Brown of Safeway Inc. (Safeway) retained Clayton Group Services, Inc. to perform a Phase II environmental investigation at the former Quest Laboratory facility located at 6511 Golden Gate Drive, Dublin, Alameda County, California (subject property – Figure 1). The investigation consisted of collecting soil and groundwater samples from 14 soil borings and 6 wipe samples from interior laboratory floors, as well as monitoring laboratory areas for mercury vapor and radioisotopes. The investigation was conducted as part of a due diligence assessment prior to purchasing the property.

2. <u>BACKGROUND</u>

Clayton conducted a Phase I Environmental Site Assessment (ESA) of the property during November and December 2003. Findings of the ESA are as follows:

- The subject property was developed for use as a biomedical laboratory in 1982, with recorded use of hazardous materials in the form of various chemicals and solvents, heavy metals, and radioactive materials (Cobalt 57 and Iodine 125). A Dublin San Ramon Services District (DSRSD) inspection report from 1987 suggests that solvents may have been improperly disposed of via the sanitary sewer system. In addition, it is likely that small spills of various laboratory materials and wastes may have been disposed to the sewer periodically over the 20-year operation of the laboratory.
- Spills and general use of hazardous substances may have impacted the flooring, hoods, benches, and other interior features of the laboratory and storage areas. For example, spillage of materials containing mercury may have impacted flooring materials and the subsurface, if releases occurred.
- Facility closures by DSRSD and the Alameda County Health Care Services Agency
 (ACHCSA) were granted. A Closeout Survey was to be completed by the California
 Department of Health Services Radiologic Health Branch (DHSRHB) as part of the
 termination of the radioactive materials license held by Quest. Clayton recommended
 that copies of the closure inspection and decontamination reports, as well as a copy of
 the Radiologic Materials Closeout be obtained for review.
- A 2,000-gallon gasoline UST was installed at the site in 1982 and removed in 1989.
 Concentrations of petroleum hydrocarbon constituents detected in soil samples
 collected from below the UST were reportedly below regulatory levels of concern,
 and the ACHCSA closed the case in 1990. However, analysis for the presence of
 methyl tertiary-butyl ether (MTBE) was not conducted and groundwater samples
 were not collected.
- Acid resistant piping installed in the building directed laboratory wastewater to an acid neutralization/dilution tank (sump) located below the sidewalk on the west side



of the building. Laboratory wastewater may have been neutralized in the tank (treatment method was not disclosed and the sump was not inspected as it had a secured steel cover plate) and then further diluted with the site's sanitary wastewater prior to discharge to the municipal sewer system. It is Clayton's understanding that the tank was bypassed in about 1995 due to sedimentation of the tank. However, it was unclear how the bypass was accomplished, and whether the tank remains in the ground. Clayton recommended that the method of bypass be determined and that the metal plate at the front of the building be removed to allow the condition of the suspect tank or sump to be assessed. Clayton recommended that soil and groundwater samples be collected in this area to determine if releases from this system occurred.

3. SCOPE OF WORK

The scope of work that was conducted at the subject property is outlined in the following sections of this report. The initial scope of work was presented in Clayton's Proposal No. 03SFOES286a and was approved by Safeway on December 15, 2003.

3.1. PRE-FIELD ACTIVITIES

The purpose of the pre-field activities was to appropriately plan the work and prepare for potential hazards at the property. Pre-field activities included the following:

- Preparing Zone 7 Water Agency (Z7WA) drilling permit applications and obtaining approval to drill. Copies of the drilling permits (Permit Numbers: 23170 and 24005) are presented as Appendix A.
- Preparing a Site Safety and Health Plan (SSHP) for the work to be performed. The SSHP detailed the work to be performed, safety precautions, emergency response procedures, nearest hospital information, and onsite personnel responsible for managing emergency situations. The SSHP was reviewed with field personnel and kept onsite during field activities.
- Marking borehole locations with white paint and notificating Underground Service Alert (USA) prior to performing subsurface activities, as required by law. USA issued Ticket Message Number: 0456633 on December 16, 2003 for the initial eight borehole locations and Ticket Number 021458 on January 19, 2004 for an additional six boreholes.
- Prior to drilling, Clayton retained a private utility locater, California Utility Surveys (CUS), to identify buried utility lines that may be present in the vicinity of the boring locations. CUS conducted utility surveys on December 17, 2003 and January 21, 2004.

3.2. SAMPLING ACTIVITIES, OBSERVATIONS AND MONITORING

To address the various environmental concerns identified at the subject property, Clayton designed a sampling program that was conducted as three tasks. The first task was the collection of soil and groundwater samples. The second task was the collection of wipe



samples from various laboratory floor areas and the third was monitoring of the laboratory areas for possible residual radioisotopes and residual mercury releases by monitoring for vapor.

3.2.1. Soil and Groundwater Sampling

3.2.1.1. Sampling Procedures

The first task, the collection of soil and groundwater samples was conducted during two sampling events. A total of 14 sample locations were selected and are shown on the attached Figure 2. Clayton advanced the initial eight boreholes on December 19, 2003. The boreholes were located at the former UST excavation (Q-1), adjacent to the former acid neutralization tank (Q-2) and adjacent to the acid wastewater and sanitary sewer pipelines (Q-3, Q-4, and Q-5), and in or near former hazardous waste storage areas (Q-6 through Q-8). Based on the finding of petroleum hydrocarbons in three of the four groundwater samples collected (petroleum hydrocarbons were detected in samples Q-1W, Q-5W and Q-8W, but not in the upgradient sample Q-2W), an additional six boreholes were advanced on January 23, 2004. The additional borehole locations were selected upgradient and downgradient of the former UST (Q-9 through Q-12) and along the south property boundary where various adjacent automobile repair businesses operate (Q-13 and Q-14).

Clayton subcontracted with Environmental Control Associates to advance boreholes using direct-push, Geoprobe® equipment for exterior boreholes (Q-1 through Q-3, and Q-8 through Q-14) and portable pneumatic direct-push equipment on interior boreholes (Q-4 though Q-7). Soil cores were collected in core barrels (either one-inch or two-inches in diameter) lined with a plastic sleeve. Relatively undisturbed soil cores were removed in two to four foot intervals and screened for physical evidence of contamination (e.g., odors, discoloration, and or chemical sheen). Soil samples retained for analyses were determined based on site hydrology, soil type, physical observations, or elevated organic vapor analyzer (OVA/PID) readings. Selected soil samples were cut from the plastic soil liners, sealed with Teflon tape, capped, labeled, and placed in a pre-chilled ice chest. Select soil samples were transported to a State of California-certified laboratory for analysis under formal chain-of-custody documentation.

Soil cores were logged for each borehole using the Uniform Soil Classification System as a guideline. The soil type, color, and notable characteristics were entered onto exploratory boring sheets for each borehole and are presented as Appendix B. Surface coverings, asphalt and concrete walkways or floor slabs, were drilled to allow access for the soil core barrels. Soils encountered during sampling consisted of clay, silty clay and clayey silt, silt with sand, and tank excavation backfill material consisting of sandy clay and sand. Typical site soils consisted of a light gray to light- and dark-brown clay to silty clay to depths of from 7.5 to 20 feet below the ground surface (bgs) in all boreholes. Some silt and silty clay beds were noted in several of the boreholes below depths that ranged from 7.5 to 14.4 feet bgs in boreholes Q-2, Q-5, Q-8, Q-10, Q-11 and Q-12.



A one-inch outer diameter PVC casing (temporary well point) was installed into each open borehole to allow for the collection of a grab-groundwater sample, except for boreholes Q-3, Q-4, Q-6 and Q-7. The lower 10 feet of the temporary well was slotted casing. The grab-groundwater samples were collected using new disposable bailers. The samples were transferred into appropriate laboratory supplied containers. The sample containers were capped/sealed, labeled with identifying information, and placed in a prechilled ice chest for transportation to the analytical laboratory for analysis under formal chain-of-custody documentation.

Temporary well points installed on December 19, 2003 were used as preliminary sample points and the depth to groundwater was recorded on the boring logs; however, the groundwater elevations of the sample locations were not surveyed. The six temporary well points installed on January 22, 2004 were left in place and the depth to groundwater at each location was monitored over a few hours until the readings appeared to be stable. The depth to groundwater in the six temporary wells were then recorded in a field notebook, and the ground elevation was surveyed using a leveling scope to determine the relative elevation at each sample location. The relative elevations were compared to an arbitrary datum, assumed to be 100 feet and the depth to groundwater was subtracted from this datum to obtain a relative elevation at each sample point. Clayton plotted the well locations and groundwater elevations on Figure 3 and contoured the lines of equal elevation for a determination of the site-specific groundwater flow gradient. A southeasterly groundwater flow gradient was indicated.

Downhole equipment was cleaned prior to advancing each boring and prior to collecting samples. Decontamination water and soil cuttings were containerized and labeled pending analytical results for determination of proper disposal methods. Once sampling was complete, the well points were removed and the borings were backfilled to the ground surface with Portland-cement grout to comply with Z7WA guidelines.

3.2.1.2. Former UST Area

Borehole Q-1 was advanced in the asphalt patch for the former fuel UST to evaluate the subsurface for potential releases. Boring Q-1 was advanced to 20 feet bgs and developed as a temporary well point. Soil cores indicated that sand and sandy clay were used as backfill materials to a depth of approximately 11.8 feet bgs. No hydrocarbon (HC) odors were noted in the backfill soil cores or native soil below the former excavation; however, deeper saturated soil samples (first encountered groundwater during sampling was at about 16 feet bgs, which rose to 9.2 feet bgs) and a grab-groundwater sample were found to have a distinct petroleum hydrocarbon odor. A bottom soil sample from 20 feet bgs had no notable petroleum odor.

Due to the finding of petroleum hydrocarbon concentrations in sample Q-1W, Clayton recommended that additional groundwater samples be collected, both upgradient and downgradient of the former tank location to assess the lateral extent of hydrocarbons (HCs) in groundwater. Additional boreholes, Q-9 through Q-12 were advanced to a total depth of 20 feet bgs and developed as temporary well points. Borehole Q-9 was located approximately 20 feet west and upgradient of the former UST excavation. No HC odors



were noted in any of the soil or groundwater samples collected from borehole Q-9. Borehole Q-10 was advanced approximately 15 feet southeast (downgradient) of the former tank excavation. Clay was found to a depth of 8.2 feet bgs, silt to a depth of 12.3 feet bgs, and clay to a depth of 16.1 feet bgs. No HC odors were noted in soil cores. Below 16.1 feet, a clayey silt was encountered and a distinctive HC odor was noted in saturated soil samples from borehole Q-10. Borehole Q-11 was advanced approximately 70 feet east (downgradient) of the former tank location near the northeast corner of the building. Clay was encountered to a depth of 8.4 feet bgs, underlain by clayey silt to 20 feet bgs. No HC odor was noted in soil cores but saturated soil did have a slight HC odor from borehole Q-11. Borehole Q-12 was advanced just east of the building, approximately 110 feet east-southeast (downgradient) of the former tank location. Clay was encountered to a depth of 9.5 feet bgs and clayey silt to 14 feet bgs with no HC odor. A damp to saturated clay was encountered below 14 feet. A possible faint HC odor was noted in saturated soil and groundwater samples from borehole Q-12, but it was not distinct.

3.2.1.3. Acid Wastewater and Sanitary Sewer Pipelines

Borehole Q-2 was advanced on the south adjacent side of the vault located in the sidewalk area at the front of the building. Former improvement plans depict this vault as the former acid-neutralization tank that is connected to the acid wastewater sewer pipelines that service the laboratory area. The metal vault cover was removed and the abandoned former acid neutralization tank was observed. A pipeline was observed to pass straight through the tank, apparently connecting the acid waste pipeline to the sanitary sewer lateral farther to the southwest (see Photographs section). The tank was dry with some sediment and organic debris, but no distinctive odors or other signs were noted that would indicate significant environmental concerns.

Borehole Q-2 was advanced to a total depth of 20 feet bgs and developed as a temporary well point. Clay to silty clay was encountered to a depth of 7.5 feet bgs, underlain by silt and silt with sand to 17.3 feet bgs. Clay was found from 17.3 feet to the bottom of the borehole. No HC odor or other indications of contamination were noted in the soil or groundwater samples. Saturated soil was first encountered at approximately 14.4 feet bgs. Borehole Q-3 was located adjacent to the connection of the sanitary sewer line and the former acid wastewater line, and was advanced to a total depth of 12 feet bgs. Soil samples were collected at 4-foot intervals and no HC odors or saturated soils were encountered to the total depth drilled for borehole Q-3.

It appears that repair or upgrading of the sewer lateral was conducted, possibly when the acid neutralization tank was reportedly bypassed in 1995, as trench patches in the parking lot were visible.

3.2.1.4. Interior Laboratory Sampling

Boreholes Q-4 and Q-5 were advanced through the laboratory floor adjacent to the former acid-waste pipeline that splits and services the north and south laboratory areas (see Figure 2). Borehole Q-4 was advanced to a total depth of 9 feet bgs to collect soil



samples adjacent and below the acid waste pipeline. The soil core samples were noted to be clay and silty clay with no HC odor. Borehole Q-5 was advanced to a total depth of 17 feet bgs and a temporary well point was installed. Cores contained silty clay and sandy clay to a depth of 14.5 feet bgs, silt to 16.6 feet bgs, and clay from 16.6 and 17 feet bgs. No HC odor was detected in soil or groundwater samples from borehole Q-5.

3.2.1.5. Former Hazardous Waste Storage Areas

Tenant improvement plans depicted two former hazardous waste storage areas in the southeast laboratory area along the south wall. The utility survey results indicated possible utilities or metal construction materials in or below the floor slab. Based on this finding, Clayton drilled through the concrete floor slab and collected soil cores to a total depth of 3 feet bgs in boreholes Q-6 and Q-7. The soil cores contained dry silty clay with no staining or odor. Since it was deemed unsafe to advance a borehole to groundwater in these sample locations, Q-8 was advanced just outside of the building near sample location Q-7. Borehole Q-8 was advanced to a total depth of 20 feet bgs. Soil cores contained silty clay to a depth of 10.3 feet, clayey silt to 13.5 feet, and silty clay to 20 feet. A possible slight HC odor was noted in a soil sample from borehole Q-8 at a depth of about 7 feet bgs and in a pocket of gravel at a depth of about 16.5 bgs; however, the odors were not distinct.

3.2.1.6. South Property Boundary

Due to the slight HC odor in soil samples in Borehole Q-8 and the finding of detectable petroleum hydrocarbons in groundwater sample Q-8W, two boreholes were advanced along the south property boundary to assess if the adjacent automobile repair business may have impacted the subject property. Soil and groundwater samples from Q-13 and Q-14 had no HC odors.

3.2.2. Observations, Floor Wipe Sampling and Laboratory Monitoring

3.2.2.1. Observations

The last two tasks, the floor wipe sampling and monitoring for mercury vapor and residual radioisotopes were delayed until the owner, Quest Laboratories, completed its move out and had the laboratory facilities removed or demolished to facilitate decontamination measures employed by its subcontractor to prepare the property for transfer of ownership. Clayton had no role in observing, reviewing, or validating the decontamination measures employed by Quest's contractor. Clayton visited the site on February 19, 2004 to collect floor wipe samples and observed the demolition debris left in the aisle ways. The debris piles were tagged with 'Surface Decontamination Complete' signs, dated February 8, 2004. The debris consisted of Formica and particleboard laboratory counter tops, cabinets, sinks, assorted plumbing and fixtures, and various related items (see Photographs). The built-in laboratory workstations in the main laboratory area and the 'Biolab' area in the northwest wing of the building had been removed down to the adjacent drywall material, baseboards, and floor tile. Most former sink stations (approximately nine locations) had some apparent water damage to the



drywall material at and below the sink drain plumbing where it entered the wall. Most areas of water damage also had some visible mold development as the drywall material had a black coloration in varying amounts. The visible water damage at each location was typically limited to the lower two feet of the wall in an area about 2 to 3 feet wide.

Three areas of more significant water damage and mold development were observed. One area was the central north wall of the main lab between the two exterior doors. It appeared that a leak existed along the north roof parapet wall. The end of a main laminated roof beam, some plywood roof sheeting, and the roof purlin or wall plate were stained black with some apparent white filamentous mold growth along the concrete wall in an area about 4 to 5 feet wide. Below the roof leak, the water appeared to have run down the concrete wall impacting the drywall material that faced the interior of the north wall. The drywall material had previously been covered by shelving and cabinetry. The surface drywall material was water damaged with black mold staining the wall the height of the wall in an area about 10 feet wide (see Photographs section). Interior areas of the wall were not accessible; therefore, the extent of damage and mold growth could not be fully assessed. A detailed mold assessment was not within Clayton's scope of work.

The second area was the glassware washroom and adjoining sink stations on both sides of the washroom wall that was located in the west central main laboratory area. The drywall material along one wall had water damage along most of the length of the former sink counters, about 18-feet long, that extended down the wall to the floor. Mold staining was apparent at numerous locations. Interior wall spaces were not generally accessible; therefore, the extent of water damage and mold buildup could not be fully assessed. The third area is located at the interior base of the south wall in the southeast portion of the main laboratory. A 10-foot section of the lower half-foot of the wall is water damaged and may be indicative of another roof leak. Other small areas of water damage were noted but were not significant enough to list individually.

The Biolab and main laboratory areas appeared to be clean; however, debris piles were significant and floor areas under the debris could not be fully inspected. Generally the floors were clean, dry, and had no significant stains or indications of spills. There was one notable area of floor staining in the southeast portion of the main laboratory between the last two lab counters. This was an area where several waste containers were being stored during Quest's move out. Clayton was not able to observe the former laboratory's operations when it was in operation, therefore, Clayton cannot adequately assess the nature of the floor staining. The stains were dry and had no significant material buildup. Wipe sample W-4 was collected in this area (see Section 3.2.2.2). Other limited areas of floor staining were observed and Clayton collected wipe samples in several of these areas (samples W-1, W-2, and W-3 see below).

A centrally located restroom that reportedly had been used for equipment storage had staining and some 'hard' residue built up on the restroom floor. The floor may have been decontaminated but not sufficiently to remove the residue. There were no traffic wear patterns in this restroom. The staining appeared to be consistent with water leaks from the toilet (see Photographs). Several limited areas of floor staining existed in the central main laboratory area; however, the stained areas were not particularly noteworthy.



No demolition work appeared to have been done in the southeast laboratory. Laboratory workstations still existed; however, these stations were much newer and appeared to be clean. There were no 'Surface Decontamination Complete' signs in this portion of the building. The floor appeared to have been cleaned and was dry but there were some areas where floor staining or 'dirt' buildup below former laboratory equipment remained (see Photographs). Approximately 10 to 12 areas of staining existed. There was little loose dust in these areas, which may indicate that these areas were mopped; however, the built-up residues remained. Wipe samples W-5 and W-6 were collected in two of these stained areas.

3.2.2.2. Wipe Sampling

Wipe sampling was conducted on floors in the main laboratory and the southeast laboratory to assess the potential for residues that might present an exposure issue to workers. The wipe sample analytical program was limited to heavy metals due to the reported use of several mercuric compounds, likely releases of mercury from dropped thermometers, other heavy metal containing compounds reportedly used in the laboratory, the termination of laboratory operations several months prior to the sampling, and recent decontamination procedures that had been employed. Sampling events were conducted on February 19 and 27, 2004, due to laboratory complications in analyzing the first wipe samples. Six wipe sample locations were selected in laboratory work areas deemed to have the potential for spills. Clayton picked the sample points to be over floor tile seams where stains or wear patterns existed as the potential dirty point in each representative area of the laboratory. The sample locations are depicted in Figure 5.

The laboratory prepared and supplied the sampling materials. Wipe samples were obtained by using a small amount of deionized water that was poured onto the floor at the selected sample location. A wipe pad, laboratory paper filter material manufactured by Whatman that was either 110 millimeters (mm) or 150 mm in diameter, was placed into the solvent. The area covered by the wipe pad was noted and the sample area was vigorously scrubbed to remove any loose material. The wipe pad was then placed into a sample jar and sealed with a Teflon lined lid. The sample was labeled, placed into a sample cooler, and a chain-of-custody document was prepared that accompanied the sample to the laboratory. Clayton used new sample gloves prior to handling each wipe pad at each sample point to eliminate potential cross contamination.

3.2.2.3. Monitoring of Former Laboratory Areas

Monitoring of former laboratory areas was conducted on February 19, 2004. Mercury monitoring consisted of using a portable instrument to screen for potential mercury vapors by taking air readings immediately above the floor at numerous sample points throughout the three laboratory work areas. A Jerome meter, model 431-X, Serial Number 1698, was used to conduct the monitoring. The meter employs an air pump that passes the sampled air over a gold film. If mercury vapor is present, the resistivity of the plate changes and the meter provides a reading indicating the relative vapor concentration. The meter has a 'regeneration' function that heats and cleans the gold film



to ensure that the readings are within appropriate ranges. This procedure was employed before, after, and several times during the sweep of the floor areas.

The meter was used in two modes. Individual readings requires a 10-second sample period that has to be manually triggered. Individual readings were collected after regeneration and at select locations. This mode has the lowest detection level. A continuous sampling mode was used that samples at 3 second intervals and has a slightly higher detection level. This mode was used for the majority of the survey. The monitoring consisted of moving the meter probe along the floor in near contact with the floor and stopping over a floor tile joint or break in the tile, such as at the edge of a former cabinet location where the concrete floor slab was exposed, to allow the meter to run a sample cycle. Readings were collected at numerous locations spaced at intervals that typically ranged between 5 and 10 feet along the floor. Passes were made on each side of the aisles where laboratory counters previously existed. Monitoring was conducted in the main lab, glassware washroom, Biolab, sample refrigeration room (immediately south of the biolab), southeast lab, sample receiving, and in the various small rooms in the eastern portion of the building (see Figure 5 for areas surveyed). Clayton recorded no elevated readings during the entire survey. The meter was checked for functionality after the survey using an elemental mercury source and the meter was found to be responsive.

On February 19, 2004, Clayton also conducted monitoring of the laboratory spaces for residual radioisotopes using a Radiation Alert – Inspector meter manufactured by S.E. International, Inc. (Serial Number 08064). The meter has a "pancake" sensor that detects low levels of alpha, beta, gamma, and x-ray radiation as it passes through the sensor. The meter was used in the "counts per minute" (CPM) mode that averages readings in 3-second intervals. Meter functionality was checked before and after the monitoring event using a cesium (C¹³⁷) source rated at 1.0 microCurie (uCi). Monitoring was being conducted due to the reported former use of Cobalt 57 (Co⁵⁷) and Iodine 125 (I¹²⁵), both low level radiation emitters with short half lives. Co⁵⁷ emits beta and gamma particle and has a half-life of 270 days. I¹²⁵ emits gamma radiation with a half life of 59.4 days.

During the survey, the meter continually recorded particle counts within the normal background range of between 20-50 CPM with rare higher counts up to a maximum of 79 CPM. The rare highs in excess of 50 CPM were not repeatable, meaning that they were not indicative of an emitting material at that location, but were variations of the background radiation level. The pancake sensor was moved along the floor, in close proximity to the floor in the same manner as the Jerome meter and the survey was conducted simultaneously with the Jerome survey. No anomalous findings were recorded at the subject building in the areas surveyed (see Figure 5 for surveyed areas).

3.3. LABORATORY ANALYSES

Clayton submitted a total of 11 soil and 10 grab-groundwater samples to a state certified laboratory, McCampbell Analytical, Inc. of Pacheco, California, for analysis. Select samples were analyzed by the following United States Environmental Protection Agency (USEPA) approved analytical methods:



- USEPA Method 8015 Modified for a Total Petroleum Hydrocarbons Scan for gasoline, diesel, and motor oil (TPH-G, -D, & -MO).
- USEPA Method 8260 Volatile Organic Compounds that include fuel aromatics and oxygenates (VOCs)
- Solid Waste Series 6000 and 7000 analyses for 17 total metals listed in the California Assessment Manual (CAM 17).
- Solid Waste 9045C analyses for pH ranges of select soil and groundwater samples (pH).

All wipe samples were submitted to Severn Trent Laboratory (STL) in Pleasanton, California, also a state certified laboratory. The sampling and analytical program outlined in Table 1 shows the analytical method chosen for each sample location.

4. ANALYTICAL RESULTS

A summary of the soil analytical results is presented in Table 2, a summary of the groundwater results is presented in Table 3, and a summary of wipe analytical results is presented in Table 4. The laboratory analytical data sheets and chain-of-custody forms are included in Appendix C.

4.1. FORMER UST AREA

Soil samples were submitted from boreholes Q-1 and Q-10 to assess if soil below and near the former UST was impacted by gasoline. Both samples were collected in native unsaturated soil at a depth of 11.5-12 feet bgs and both samples had no detectable concentrations of TPH ranged compounds or VOCs. Groundwater samples were collected from boreholes Q-1 and Q-9 through Q-12, below, upgradient and downgradient of the former tank. Groundwater below the former tank (sample Q-1W) had the highest TPH concentrations with TPH-G at 5,100 micrograms per liter (ug/L), TPH-D at 64,000 ug/L, and no reportable TPH-MO. VOCs were generally absent, except for sec-butyl benzene (20 ug/L) and n-propyl benzene (5.8 ug/L). An upgradient groundwater sample (Q-9W) was only found to contain TPH-D ranged compounds at 71 ug/L. A nearby downgradient groundwater sample (Q-10W) contained TPH-G at 380 ug/L, TPH-D at 9,600 ug/L, and no TPH-MO. Only one reportable VOC was detected in sample Q-10W (sec-Butyl benzene at 2.2 ug/L). A more distant groundwater sample (Q-11W) was found to contain TPH-G at 460 ug/L, TPH-D at 690 ug/L, and no TPH-MO. The farthest downgradient sample (Q-12W) had no detectable TPH ranged compounds.

4.2. ACID WASTEWATER AND SANITARY SEWER PIPELINES

No detectable concentrations of TPH ranged compounds were found in soil sample Q-2 at 7.5 feet bgs, a soil sample adjacent to the acid neutralizer. The soil sample had a near neutral pH of 7.22 standard units (SU). No reportable concentrations of VOCs were found in soil samples collected adjacent to and below the acid neutralizer, and the acid



wastewater and sanitary pipelines (samples Q-2 at 7.5 feet, Q-3 at 11.5 feet, Q-4 at 8.5 feet, and Q-5 at 12.5 feet bgs). CAM 17 results for these same soil samples found no reportable concentrations of antimony, beryllium, cadmium, mercury, molybdenum, selenium, silver, or thallium. Concentrations of arsenic, barium, chromium, cobalt, copper, lead, nickel vanadium, and zinc were found, but all were within normal background concentrations (Table 2). The pH of soil samples was also analyzed to determine if acid releases had impacted the subsurface. Soil sample Q-2 at 7.5 feet bgs had a near neutral pH of 7.22, Q-4 at 8.5 feet bgs had a pH of 7.01, and Q-5 at 8.5 feet bgs had a pH of 7.43.

Groundwater samples along the sewer pipelines were collected from boreholes Q-2 and Q-5. Sample Q-2W had no reportable TPH or VOC concentrations and the pH was 6.97, a near neutral value. Sample Q-5W had no reportable VOC concentrations but did have TPH-D ranged compounds at 50 ug/L, a concentration below the state's Environmental Screening Level (ESL), promulgated by the Regional Water Quality Control Board. The pH of the groundwater was 7.11, a near neutral value.

4.3. FORMER HAZARDOUS WASTE STORAGE AREAS

Boreholes Q-6, Q-7 and Q-8 were advanced to assess former hazardous waste storage areas. Soil samples Q-6 at 2.5 feet and Q-7 at 2.5 feet had no reportable VOC concentrations. CAM 17 results were very similar to other soil samples collected on the property with normal background concentrations of reportable metals (Table 2). A grabgroundwater sample collected downgradient and just outside of the building near the southeast laboratory had no reportable VOCs; however, TPH-D was found at 59 ug/L and TPH-MO at 350 ug/L. No TPH-G concentrations were reported. Only barium was found above the reportable concentration (0.100 ug/L) for the CAM 17 analytes (see Table 3).

4.4. SOUTH PROPERTY BOUNDARY

Boreholes Q-13 and Q-14 were advanced to assess possible impacts from the adjacent automotive repair businesses. Soil samples Q-13 at 3.5 feet and Q-14 at 3.5 feet had no reportable VOC concentrations. TPH ranged compounds were not detected, except for sample Q-14 at 3.5 feet with TPH-MO at 7.4 milligrams per kilogram (mg/Kg, see Table 2). Grab-groundwater samples collected from these boreholes had no reportable VOCs; or TPH ranged compounds, except for Q-14W with TPH-MO at 7.4 ug/L (see Table 3).

4.5. FLOOR WIPE SAMPLING

The six floor wipe sample results analyzed for CAM 17 total metals had no reportable concentrations of antimony, arsenic, beryllium, cadmium, cobalt, selenium, silver, thallium and vanadium. Metals detected in all six wipe samples included barium ranging from 0.0027 to 0.0076 milligram per wipe (mg/wipe), chromium between 0.0014 and 0.0050 mg/wipe, copper between 0.0066 and 0.030 mg/wipe, lead between 0.0013 and 0.0037, and mercury between 0.00023 and 0.009 mg/wipe. Molybdenum was detected in only one of the six samples, sample W-1A at 0.0025 mg/wipe. Nickel was detected in



four of the six samples, W-2A, W-3A, W-4A and W6A ranging from 0.0011 to 0.0069 mg/wipe. Zinc was detected in only two of the six samples, W-5A and W-6A at 0.20 and 1.1 mg/wipe, respectively (see Table 4).

Since wipe sample concentrations are dependent on the area wiped, Clayton converted the maximum reported metal concentrations detected in the six wipe samples divided by a representative maximum mass from three floor tile pieces for the areas wiped and calculated a maximum metal concentration. This calculation was done to determine if potential worker exposure issues might be exceeded and to profile the flooring materials for waste disposal. The maximum metal concentration per tile mass is reported in the right column of Table 4. The calculated concentrations were compared against total threshold limit concentrations (TTLC) that designate hazardous waste levels for the various detected metals and USEPA Region 9 Proposed Remedial Goals (PRGs) for residential soil. The calculated maximum concentrations were found to be at least an order of magnitude below the agency levels that might reasonably trigger additional investigation or special handling requirements.

5. CONCLUSIONS AND RECOMMENDATIONS

The preliminary sampling results and observations for the subject property indicate that an aged fuel release occurred at the former UST fueling system and impacted groundwater. The findings appear to be consistent with the reported 1989 closure of the fuel tank as the detected TPH concentrations have no significant volatile compounds. No residual petroleum hydrocarbon source material was found in the unsaturated soil samples analyzed. The groundwater gradient calculated by Clayton flows to the southeast, which supports that a petroleum hydrocarbon plume exists in groundwater on the subject property between the former UST location the east wall of the subject building. Two upgradient groundwater samples (Q-2W and Q-9W) were analyzed and the data suggest that no other upgradient sources exist.

Although the site received agency closure in 1989 and no VOCs of prime concern (benzene or fuel oxygenates) were detected, the findings should be reported to the local oversight agency by the responsible party (Quest Laboratories) for review and a determination of the necessity of reopening the case. The concentrations of TPH compounds in groundwater do exceed California ESLs but appear to be limited to the subject property, and are likely stable and degrading due to the period of time that has passed since the source was removed.

The finding of TPH compounds (diesel and motor oil range) in groundwater samples Q-5W and Q-8W and in soil sample Q-14 at 3.5 feet bgs, appear to have other sources; however, the findings appear to be localized and the concentrations are considered to be too low to warrant any additional investigation.

Soil and groundwater samples collected by the former acid neutralizer and along the acid wastewater and sanitary pipelines do not indicate that regulated wastes were released from this utility.



Wipe sampling of the laboratory floors indicates that the detected metal concentrations, when converted to a total mass that includes the floor tile material, are below regulatory levels that would require special handling during the proposed demolition and remodeling activities that have been proposed by Safeway. Monitoring of the subject building for mercury vapor and residual radioisotopes found no indications of residual materials. Clayton made a recommendation that the Department of Health Services Radiologic Health Branch (DHSRHB) Radiologic Materials Closeout be confirmed. Clayton has inquired about the facility license closure; however, the DHSRHB has not confirmed the action as of the date of this report.

Clayton's observations of the subject building after Quest's move out, laboratory facility demolition and decontamination activities indicate that there are several areas of water damage and mold buildup to walls and ceiling/roof materials. Also, a few exhaust ducts were observed in the main laboratory that had significant debris buildup inside the ducts. The ducting is limited, estimated at less than 100 lineal feet. Safeway is proposing to demolish the interior improvements back to the shell walls and concrete floor slab. The potential for significant but localized mold buildup exists; therefore, Clayton recommends that the demolition work be conducted by a contractor that has experience with, and a staff properly trained to contain and remove these impacted materials. The contractor or contractors should provide documentation of the removal process, worker protection practices, and final cleanup monitoring to ensure that the work was conducted properly and that no possible contamination to the building remains from mold or ducting debris. Clayton would be pleased to provide such a confirmation assessment of the facility as an independent third party, if so desired.



6. <u>LIMITATIONS</u>

The information and opinions included in this report were given in response to a specific scope of work and should be considered and implemented only in light of that particular scope of work. The services provided by Clayton in completing this project have been provided in a manner consistent with the normal standards of the profession. No other warranty, expressed or implied, is made.

This report was prepared by:

Donald A. Ashton, R.G., R.E.A.

Senior Geologist

Environmental Services

This report was reviewed by:

Jon A. Rosso

Director

Environmental Services

San Francisco Regional Office

April 26, 2004



APPENDIX A DRILLING PERMIT



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

5997 PARKSIDE DRIVE

PLEASANTON, CALIFORNIA 94588-5127

PHONE (925) 484-2600 FAX (925) 462-3914

December 15, 2003

Mr. Donald Ashton Clayton Group Services, Inc. 6920 Koll Center Parkway, Suite 216 Pleasanton, CA 94566-3106

Dear Mr. Ashton:

Enclosed is drilling permit 23170 for a contamination investigation at 6511 Golden Gate Drive in Dublin for Safeway. Also enclosed are current drilling permit applications for your files.

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 235 or Matt Katen at extension 234.

Sincerely,

Wyman Hong

Water Resources Technician II

Enc.

Revised: March 26, 2002

12/12/2003 11:57

P:\WRE\WYMAN\drilling permit.wpd



ZONE 7 WATER AGENCY

5997 PARKSIDE DRIVE PLEASANTON, CALIFORNIA 94588-5127 VOICE (925) 484-2600 X235 FAX (925) 482-3914

DRILLING PERMIT APPLICATION

FOR APPLIC	CANT TO COMPLETE				FOR OFFICE USE	
LOCATION OF PROJECT	6511 GOLDON GATE	DRIVE	PERMIT WELL N	NUMBER _		
			APN		941 1500 033 00	
California Coordinates Source CCN 941-1500	ft. CCE	ft.	Ci	rcled Permit I	PERMIT CONDITIONS Requirements Apply	
Cable Tool Direct Pu	Geotechnical Investigation Contamination Investigation Contamination Investigation Groundwater Monitoring Other In Hollow Stem Auger Sh Contact Investigation Groundwater Monitoring Other In Depth R. Number Maximum Depth R. Number	1. The PLINE	1 2 3. W. 1. 2. 3.4. 5. GPII 1. 2 3. Ghearash C. tre W. S. co.	Zone 7 off Submit to work the c Drillers Re and locatle Permit is to date. ATER SUPP Minimum s well casing Minimum s or 20 fact fe is specially Grout place An access on the well A sample p wellhead. ROUNDWATS Minimum s well or place Minimum s practicable Grout place Minimum s practicable Grout place Minimum s practicable Grout place ELCHNIC, say bentonite eas of known all be used in ATHODIC. F mile. ELL DESTRL PECIAL CON mpletion of p isoli and wa	surface seal diameter is four in diameter. eal depth is 50 feet for municipar domestic and imigation well epproved. eat by tremie. port at least 0.5 inches in diameter is required on the dischart is four in zometer casing diameter is four in zometer casing diameter. Ead by tremis. AL. Backfill bore hole with case of compacted cuttings ill hole above anode zone with the eabove anode zone with the case of compacted cuttings ill hole above anode zone with the case of compacted cuttings ill hole above anode zone with the eabove anode zone with the case of compacted cuttings ill hole above anode zone with the case of compacted cuttings ill hole above anode zone with the case of compacted cuttings ill hole above anode zone with the case of case and the case of case o	d starting date. completion of permitte Resources Water Start Star



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

5997 PARKSIDE DRIVE

PLEASANTON, CALIFORNIA 94588-5127

PHONE (925) 484-2600 FAX (925) 462-3914

January 15, 2004

Mr. Donald Ashton Clayton Group Services, Inc. 6920 Koll Center Parkway, Suite 216 Pleasanton, CA 94566-3106

Dear Mr. Ashton:

Enclosed is drilling permit 24005 for a contamination investigation at 6511 Golden Gate Drive in Dublin for Safeway. Also enclosed are current drilling permit applications for your files.

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 235 or Matt Katen at extension 234.

Sincerely,

Wyman Hong

Water Resources Technician II

Enc.

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CLAYTON GROUP > 4623914



P:\WRE\WYMAN\drilling permit.wpd

SEE ATTAMED MOURL

ZONE 7 WATER AGENCY

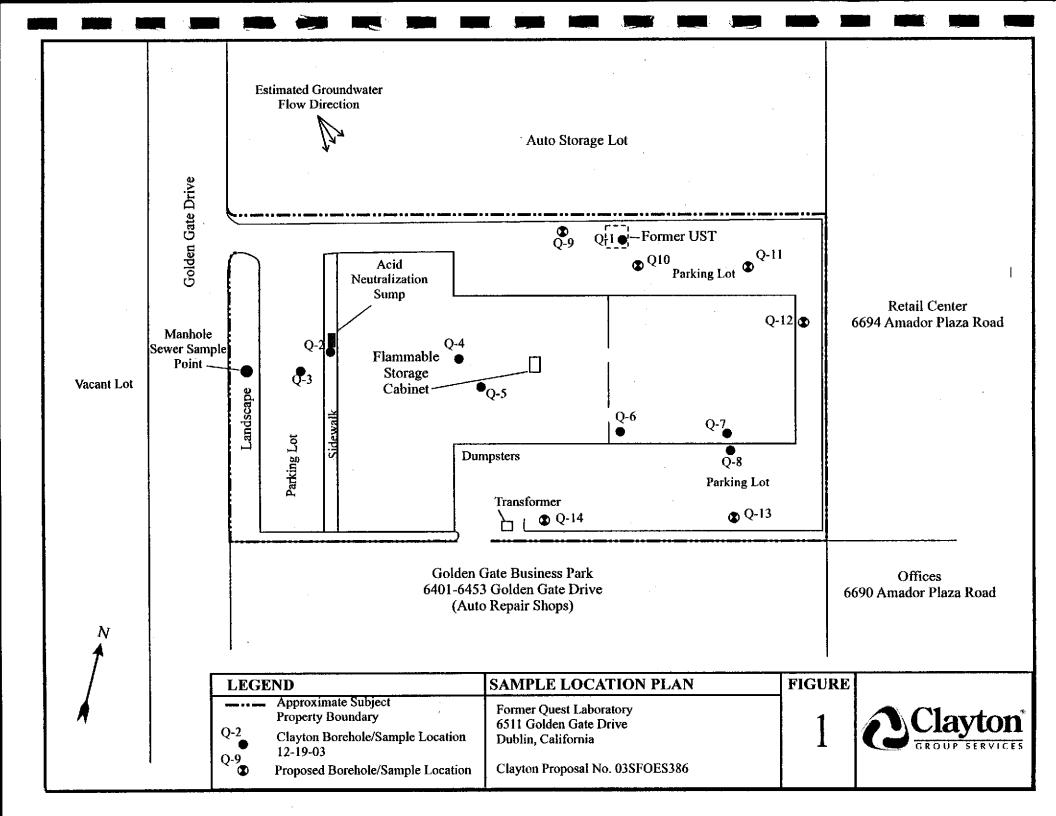
5997 PARKSIDE DRIVE PLEASANTON, CALIFORNIA 94588-5127 VOICE (925) 484-2600 X235 FAX (925) 462-3914

DRILLING PERMIT APPLICATION

FAX - 2 PAGGS 1-15-04

Revised: March 26, 2002

FOR APPLICANT TO COMPLETE	FOR OFFICE USE
LOCATION OF PROJECT 6511 GOLDEN GATE DE	PERMIT NUMBER 24005
DUBLIN, CA 94568	WELL NUMBER
	APN
California Coordinates Source Accuracy± ft.	PERMIT CONDITIONS
APN 941-1500-033	Circled Permit Requirements Apply
CLIENT Name SAFEWAY, INC. PD	A. GENERAL
Address 59/8 3750/6RIOGE MALL Phone 925-467-3945 City PLANSANTON, CH Zip 94598	A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
APPLICANT Name Novaco ASHTO	 Submit to Zone 7 within 50 days after completion of permitted work the original Department of Water Resources Water Well
VILLUTTON CONTROL SELECTIONS FOR Y 25 1926 - CHOP	Drillers Report or equivalent for well projects, or drilling logs and location sketch for geotechnical projects.
Address 6920 Koll CNIR PSCUY = 246 Phone 9 25 - 426 - 26 19 City NEASANGE CA ZID 94566	Permit is vaid if project not begun within 90 days of approval date.
	B WATER SUPPLY WELLS
TYPE OF PROJECT: Weil Construction Geotechnical Investigation	Minimum surface seal diameter is four inches greater than the
Well Destruction © Contamination Investigation	well casing diameter.2. Minimum seal depth is 50 feet for municipal and industrial wells
Cathodic Protection 0 Other0	or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.
PROPOSED WELL USE:	3 Grout placed by tremie.
Domestic Irrigation 9	4 An access port at least 0.5 inches in diameter is required
and the state of t	on the wellhead for water level measurements. 5. A sample port is required on the discharge pipe near the
Industrial Groundwater Monitoring Dewatering Dewatering Demonstration Dewater Monitoring	wellhead.
	C. GROUNDWATER MONITORING WELLS INCLUDING
ORILLING METHOD: Mud Rotary Air Rotary Hollow Stem Auger	PIEZOMETERS
Mud Rotary Air Rotary Hollow Stem Auger Cable Tool Direct Push Other	 Minimum surface seal diameter is four inches greater than the well or piezometer casing diameter.
DRILLING COMPANY ENVIRONMENTICL CONTINUE ASSOCIATE	 Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.
ORILLER'S LICENSE NO. <u>C57 - 695979</u>	3 Grout placed by tramia.
	✓ ∩ \ CEOTECHNICAL Rackfill bore hole with compacted cuttings or
WELL SPECIFICATIONS: Drill Hole Diameter in Maximum	I have been and under two feet with compacted material. In
Drill Hole Diameter in. Maximum Casing Diameter in. Depthft.	areas of known or suspected contamination, tramied cement grout shall be used in place of compacted cuttings.
Surface Seal Depthft. Number	E. CATHODIC Fill hole above anode zone with concrete placed by tremie.
SOIL BORINGS:	s WELL DESTRUCTION See attached.
Number of Borings in. Depth ft.	G SPECIAL CONDITIONS: Submit to Zone 7 within 60 days after completion of permitted work the well installation report including
ESTIMATED STARTING DATE 1-22-64 THURSDAY	all soil and water laboratory analysis results.
ESTIMATED STARTING DATE /- 23 - 04 FRI DAY	
	- In ac other to respect with
niote: Soil & Good Greinowa Ten Sampung To Leave Borespies of the Outenient To 687 Detail I hereby agree to comply with all requirements of this permit and Alameda	TO 6W MEASUREMENTS - HOLES WILL BE CHIEFED PARTY PLATES FOLLOWING IN BREME CE AND SANGO PARTY APPROVED Date 1/15/04
County Ordinance No. 73-68.	
APPLICANT'S	16 1 h
SIGNATURE World A. author Date 1-15-2009	ľ
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ATTACH SITE PLAN OR SKETCH NOTE: SECOND PHASE OF SAMPLING (PRINE PE	emit No. 23170)
NOTE: SECOND MASE OF SAMPLE	•





APPENDIX B LOGS OF EXPLORATORY BORINGS

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Fiel	Clay	lon			(PLOI BOF	OF RATORY RING	PROJECT NO.: 70-04429.01 DATE: 12/19/03 BORING NO. CLIENT: SAFEWAY Q-4 LOCATION: 6511 GOLDEN GATE DRIVE, DUBLIN Sheet 1 LOGGED BY: NLN DRILLER: ECA of 1 Drilling Method: GEOPROBE Drill Rig Model: PORTABLE Hole Dia.: 2 IN.				
Gra	und Ele			Q-4	Datu	N ->-	Boring Completion Data: BACKFILLED WITH NEAT CEMENT				
PID (ppm)	Recovery (ft./ft.)		Sample Interval	Soil Group Symbol (USCS)	Litho- graphic Symbol	Depth To Time Date	Depth To				
		1 -			* * * * * * * * * * * * * * * * * * *	4 IN. GRAVEL BAS SILTY CLAY WITH SA	E SLAB WITH VINYL TILE				
		3 -	В	CL.							
5680		5 - 6 -					Y CLAY, BLACK TO DARK MOTTLED GRAY ENTS TO 1 IN., ANGULAR, STIFF, DAMP, FRIABLE, NO HYDROCARBON ODOR				
10		8 -	В			@ 7.5 FT., SILTY CL					
		9 - 10 -					BORING TERMINATED @ 9 FT. BGS				
		12 -									
		14 -									
		15 - 16 -									
		18 - 19 -									
-		-	<u> </u>								

	Clay	yt(on To	E	(PLOF	OF RATORY RING	CLIENT:	6511 GOLDEN		DUBLIN	BORING NO. Q-5 Sheet 1 of 1		
Flei	d locat			aring:				od: GEOPROBE D					
				EN MAR				etion Data: BOR					
	-					N				NEAT CEMENT			
				€ Q-5			SURFACE SEAL CONCRETE TO FLOOR LEVEL						
	und Ele	9 V.	ŀ	لت	Datu					,			
(md	very	=	e la	Soil Group	Litho-	Depth To 🔽	14.5 ft.	Depth To <u>▼</u> Time		B = BAG Sam			
PID (ppm)	Recovery (ft./ft.)	Depth	Sampte Interval	Symbol (USCS)	graphic Symbol	Date		Date	71.O.M	X = Screen S	ample		
-			1			CONCRETE SLAB W	ATH MINY THE	DESCRIP	HON				
				·		GRAVEL BASE MAT							
		1 -				SILTY LEAN CLAY W		BROWN, FRIABLE,	FINE GRAINED	SAND, TRACE	ANGULAR		
		2 -				PEBBLES, NO HYDR							
0.7			В	Ì									
	2/3	3 -	<u>LX</u>		<i>{/////</i>								
		▎ .	 		<i>\////</i>				00.444.55	- III			
100 -	4 5 1-	4 -	 		<i>\\\\\</i>		SILTY LEAN CLAY, DARK BROWN, FRIABLE, TRACE FINE GRAINED SAND AND SILTSTONE						
28.5	1.5/2	-	B	1		FRAGMENTS, VERY STIFF, DAMP							
		5 -	1-4	†		INCREASING SAND							
						THORESTON ON THE		<u> </u>					
7.0		6 -	В	a		TRACE GRAVEL <2 !	N						
	1.5/2	7 -	X										
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		8 -			\ ////								
4.9		ļ .	B							····			
-	2/2	9 -	<u> </u>	-									
		┤ .	₩-	1			<u>,</u>	··· <u>·</u>					
		10 -	+	1		INCREASING MOIST	IPF						
	2/2		\dagger	1		BACUCHONACIAIOIO II	<u>ит </u>						
		11 -		1	<i>\\\\\</i>								
		12 -]									
2.4		12-	В			SANDY LEAN CLAY	WITH SILT, LIGHT	BROWN, SUBANGU	ILAR SILTSTO	NE FRAGMENTS	, MOIST, FIRM		
	2/2	13-	X	a									
		-		1 "		INCREASING SILT, D	CREASING SAN)			· · · · · · · · · · · · · · · · · · ·		
		14 -		-	\ ////	 							
			+	<u> </u>	* /////	SILTY WITH CLAY, LI	OLIT DEDOUGN ME	T DOM NO UVODO					
-		15 -	+	1		SILIT WHIT GLAY, LI	arti DOUNN, WE	.i, Finiw, NO DIONG	CALIDON OD	,			
	-		H	ML									
63.4		16-	В										
	2/2	17 -	X	a.		SILTY LEAN CLAY, LI	GHT BROWN, WE	T, FIRM					
		- ۱۰٬						PING TERMINATED	@ 17 FT. BG	<u>s</u>			
		18-	<u> </u>	1						·	· · · · · · · · · · · · · · · · · · ·		
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-		19 -	-	-									
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Flei	Clay	/to	O 11		(PLO	OF RATORY RING	PROJECT NO.: CLIENT: LOCATION: LOGGED BY:	SAFEWAY 6511 GOLDEN NLN	GATE DRIVE, (OUBLIN ECA	80Aing No. Q-6 Sheet 1 of 1
	-		GOLO 	EN GATE	DRIVE		Drilling Method:				
					ר [N>	Baring Completi			NEAT CEMENT	
1				ן ל	→	W—				NCRETE TO FLO	OOR LEVEL
_			1	0-6 e 0-7 8				- Jun	FAGE SEAL CO	MONE SE SO LEC	DONELVILL
	und Ele			Cail	Datu	m: Depth To 又		epth To 🔻		B = BAG Sam	=
둺) Ve	Depth	nple #Va	Group	Litho- graphic	Time		Time		X = Screen S	
PID (ppm)	Recovery (ft./ft.)	۵	Sample Interval	Symbol (USCS)	graphic Symbol	Date	<u> </u>	Dete DESCRIF	TION	A = OLICCII O	ampie
 			1	·	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	VINYL TILE, CONCR	ETF	0.200.111	11.0.1		
					77777	GRAVEL BASE MAT			·		
		1 -	H	ļ		SILTY LEAN CLAY, VE		TO BLACK, WITH	SOME SAND A	ND GRAVEL, N	0
			├├─	а		HYDROCARBON OD					
2.3		2 -	В	1		TABACCA BOX GO					
1	3/3		X	1							
	0,0	3 -		 	77777		BORI	NG TERMINATED	@ 3 FT. BGS		
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		5 -		1			***************************************				
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0	GROUP	/to	1 . E 72		(PLO	OF RATORY RING	PROJECT NO.: 70-04429.01 DATE: 12/19/03 BORING NO. CLIENT: SAFEWAY Q-7 LOCATION: 6511 GOLDEN GATE DRIVE, DUBLIN Sheet 1 LOGGED BY: NLN DRILLER: ECA of 1					
Fiel	d locat			OTING; <u>EN GATE</u>	DRIVE	·	Drilling Method: GEOPROBE Drill Rig Model: PORTABLE Hole Dia.: 2 IN.					
		-		Q-6 x Q-7 ©		N 	Boring Completion Data: BORING TERMINATED @ 17 FT. BGS BACKFILLED WITH NEAT CEMENT SURFACE SEAL CONCRETE TO FLOOR LEVEL					
Gro	und Ele	V.:	· ·	ر حارت	Datu							
PID (ppm)	Recovery (fi./fi.)	ے	후후	Soil	Litho-	Depth To 🔽	Depth To ▼ B = BAG Sample					
<u>š</u>	8 =	Depth	Sample Interval	Group Symbol (USCS)		Time Date	Date X = Screen Sample					
	Re.	0	တိဋ	(ÚSCS)	Symbol		DESCRIPTION					
					6 (0 (0 (0 (0 (0	VINYL TILE, CONCR	ETE					
		1			/////	GRAVEL BASE MAT						
-		1 -					ERY DARK BROWN TO BLACK, WITH SOME SAND AND GRAVEL, NO					
				ci.								
 		2 -	1			HYDROCARBON OD	UK					
2.7		┆ .	В									
	3/3	3 -	LX		<u> </u>							
		J					BORING TERMINATED @ 3 FT. BGS					
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C	Clay	yto) <u>rn</u>		LOG (PLOF BOF	RATORY	CLIENT:	6511 GULDEN		DUBLIN	BORING NO. Q-8 Sheet 1 of 1
			PLOF	EN GATE	ORIVE	N->	_	od: <u>GEOPROBE</u> (letion Data: <u>BOF</u> BAC		ED @ 20 FT. E	
٠.,	und Ele			<u>ا</u> ه	Datu						
PID (ppm)	Recovery (ft./ft.)		Sample Interval	Soil Group Symbol (USCS)	Litho-	Depth To Time Date	16.5 ft. 14:00	Depth To	14.4 ft. 15:00	B = BAG Sa X = Screen	
	ě.	- 1	φ =	(0803)	17.09.09.09.09.09	\1 IN. ASPHALT		DESCAIR	TION		
		1 -				GRAVEL BASE MAT SILTY LEAN CLAY, VE SAND, DAMP, VERY	RY DARK BROW				RAINED
		3									-
1.8	3/4	4	B X								
						SUBANGULAR GRAV	/ELS >2 IN.				
		5 +				BECOMING DARK 8	POWN IN COLOR				
		6 -		a		DECOMING DANK O	HOTHY IN COEST				
3.8		7	В	<u> </u> 		SLIGHT HYDROCAR	BON ODOR				
	4/4	8 -									
-		9 -									
		10								<u>-</u>	
7.0		11 -	В			CLAYEY SILT, LIGHT	BROWN, LITTLE	FINE GRAINED SA	ND, DAMP, STIF	F	
7.0	3/4	12-	X	ML						-	
		13 -									
		14 -				SILTY LEAN CLAY, L			INED SAND, SO	OME RUST CO	LORED STAINING,
		- ^{' †} . - 15 -			¥////	MOIST, MEDIUM ST	TFF, NO HYDROC	ARBON ODOR			
5.1	3/4	-	B								· · · · · · · · · · · · · · · · · · ·
		16 -		٠ .	\ ////	4 IN. THICK POCKE	T OF ANGLE AR (BRAVELS >2 IN. S	ATURATED. SI	GHT HYDROC	AFBON ODOR
		17 -	#	a.		THE PROPERTY CONC.					
		18-		-							
1.8		19-	В								
	3/4	7	Lx			1		ing terminated	A 20 FT BGS		

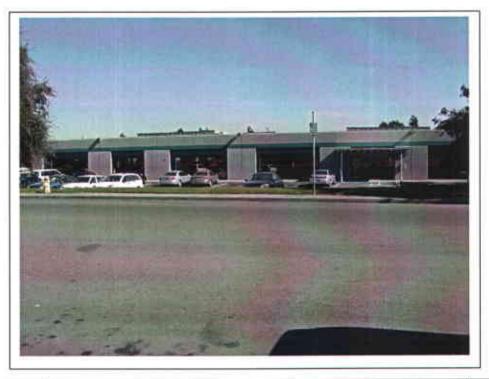
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L	J	GROUP	yt(17 \$ 3			OF RATORY RING	PROJECT N CLIENT: LOCATION: LOGGED BY		I GATE DRIVE, I	DUBLIN	0-9 Sheet 1 of 1	
		loca	ti on	of b	oring:				Drilling Method: DPT Drill Rig Model: GEOPFOBE Hale Dia.: 2 IN.				
	GDLDEN GATE DAIVE	_			Q-9 Ø	FORM	MERIUST		letion Data: BOF				
	Na Na	Γ				Q-1 @ Q-1	is ea Q-11		INS	TALL TEMP WA	LL CASING SAM	IPLE AND REMOVE	
	90			_	BUILDING	•	~	BACKFILLED WITH NEAT CEMENT TO SURFACE					
		ind Ei	ev:			Datu	l :mo::						
F		2		<u> </u>	Soil	Litho-	Depth To 🗸	13.88 ft.	Oepth To	13.88 ft.	B = BAG Sam	nple	
1	PID (ppm)	Recovery (ft./ft.)	Depth	Sample Interval	Group Symbo (USCS)		Time Date	11:54	Time	12:41	X = Screen S	ample	
	물	· Ř *	0	တိဋ	(ပ်ဒငန)	Symbol		DESCRIPTION					
			Ι.			0:0:0:0:0:0	0-2 IN. ASPHALT						
L			_ 1 _		1		GRAVEL BASE MAT	ITERIAL TERIAL T					
			╝.	1	_			AY, BROWN TO DARK BROWN, FINES (95-100%), SLIGHTLY PLASTIC, TRACE 0.3/4 IN., ANGULAR, ROOTLETS, DRY, STIFF, NO HYDROCARBON CDCR					
L			<u> </u>	Щ_	_		(0-5%) GRAVEL TO	<u>3/4 IN., ANGULA</u>	(R, ROOTLETS, DRY	(STIFF, NO HY	DROCARBON OL	JUR	
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		 	19	+	В								
	5.9	114		+	X	V///	<u> </u>						
		4/4					<u> </u>	BOI	RING TERMINATED	@ 20 FT BGS			

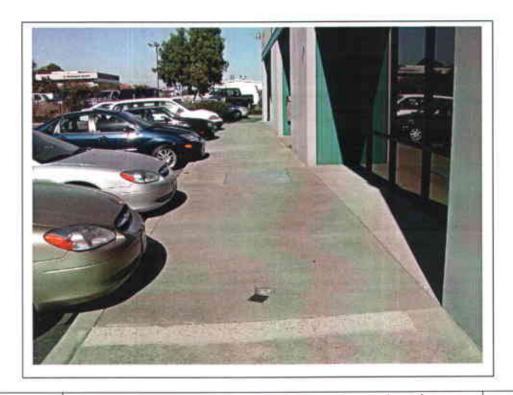
G	Cla	yt(0 n	E	LOG OF (PLORATORY BORING		CLIENT:LOCATION:	6511 GOLDEN	I GATE DRIVE, I		BORING NO. Q-10 Sheet 1
Fie	id loca	tion	of b	oring;	<u> </u>	<u>.</u>		: D. ASHTON	DAILLEA:		of1_
DEN GATE	Q-9 &						Drilling Method: GEOPROBE Drill Rig Model: Hole Dia.: 2 IN.				
Ωw Z≥	Г					0 & Q-11 T	Boring Completion Data: BORING TERMINATED @ 20 FT, BGS				
0.0							ļ		NOVED TEMP W		
301				BUILDING			·	BAC	XFILLED WITH	NEAT CEMENT	TO SUFFACE
	ound El		1		Datu					·	
PID (ppm)	Recovery (fl./fl.)	듩	Sample Interval	Soil Group	Litho-	Depth To	14.45 ft. 08:30	Depth To V	14.45 ft. 09:50	B = BAG Sam	-
0	0 E	Depth	San	Symbol (USCS)	graphic Symbol	Date		Date		X = Screen S	ample
 "	1 15	╁				O IN ACCULAL T		DESCRI	TION		
-		-	+-	-	<u> </u>	2 IN. ASPHALT	EDIN				
\vdash	GRAVEL BASE MATERIAL								MUEL IS CALLE	0.074181	
	+	CLAY, DARK BROWN, FINES (95-100%), SLIGHTLY PLASTIC, TRACE GRAVEL (0-5%) TO 3. ANGULAR, ROOTLETS, DRY, STIFF, NO HYDROCAPBON ODOR								U 3/4 IN.,	
\vdash	 	2 -		1		ANGULAR, RUUTLET	S, DHY, SLIFF, N	U HYDRUCARBON	ODUR		
-	+	-	+	1							<u>-</u>
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<u> </u>	3.5/4	8 -						· · · · · · · · · · · · · · · · · · ·			
-		┥ .		-		CLAYEY SILT, OLIVE I			ICITY, TRACE S	AND, TRACE GR	AVEL TO 2 IN.,
-	<u>-</u>	- 9 -	╫	-		ANGULAR, DRY, NO I	HYDROCAPBON	ODOR		· · · · · · · · · · · · · · · · · · ·	
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-	-	13-	1	1		CLAY, OLIVE BROWN	, FINES (100%),	MEDIUM PLASTIC	TY, NO HYDRO	CARBON ODOR	
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	4/4	16-	<u> X</u>								
-		ļ .	Щ.			CLAYEY SILT, BROWN	1, FINES (100%),	LOW PLASTICITY,	WET, NO HYDE	OCARBON ODO	DR
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<u> </u>	-	19 -	 					·			
<u> </u>	-	``` ։	В								
	4/4		<u> </u>	l			BORN	ig terminated @	20 FT BGS =	·-···	·

G		yto			KPL	OF	OF PATORY RING	CLIENT:LOCATION:	O.: 70-04429.01 SAFEWAY 6511 GOLDEN : D. ASHTON/DS	GATE DRIVE, I	DUBLIN	BORING NO. Q-11 Sheet 1 of 1
	10 100	ation	011	boring:				Drilling Meth	od: GEOPROBE I	Orill Rig Mode	nl;	Hole Dia.: 2 IN.
GOLDEN GATE	_			Q-9 æ		FORM	IER UST	_	letion Data: BOF	····		
25					Q-1	⊕ 0-1	o ex a-11	Comme comp		OVED TEMP V		
ا قَوْ			ι				Ň				NEAT CEMENT	TO SUPEACE
	1			BUILDING					DAG	W PETER MAILE	SALPAT OCIVICIAL	TO GOTT MOL
	und E	lev.	I		<u>D</u>	atu	m: Depth To <u>V</u>	15.6 ft.	Depth To 🔻	15.58 ft.		
불	¥ =	돌		Soil Group	Lith grap	0- bi-	Time	09.49	Time	13.14	B = BAG Sam	-
PID (ppm)	Recovery (ft./ft.)	Depth	Sample	Symbol (USCS)	Sym	bal	Date	T	Date		X = Screen S	ample
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		- 1 -	₩	-			GRAVEL BASE MA					
<u> </u>	ļ		Щ.	4			CLAY, DARK BROWN					L (0-5%)
	ļ	- 2 -	 -	_			TO 3/4 IN., ANGULA	<u>vr to 1 in. 2001</u>	<u>Lets, Dry, Stiff, N</u>	IO HYDROCAR	BON ODOR	
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<u> </u>		<u> </u>	-	4			CLAYEY SILT TO SIL		BROWN, FINES (95°	6), LOW PLAS	naty, fine gra	NNED SAND (5%),
<u> </u>		_ `	Щ.				DAMP, NO HYDROC	ARBON ODOR				
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	<u> </u>		\coprod	_								
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	4/4			<u> </u>				POD	ng terminated @	A 20 ET BGS -		

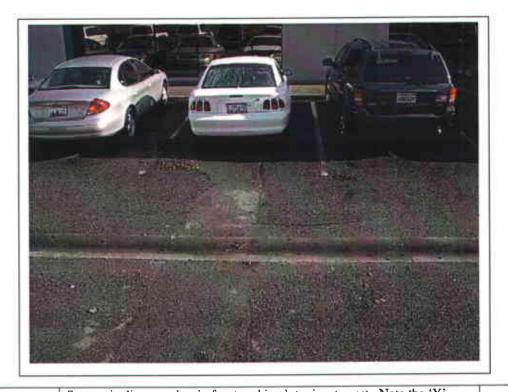
0	Clay	SERVI	7 [5		LOC (PLOF BOF	RATORY	CLIEN			DATE: NGATE DRIVE, S DRILLER		BORING NO. Q-12 Sheet 1 of 1
	d locat	lon	of b				Drillin	g Metho	od: DPT	Drill Rig Mod	et: GEOPROBE	Hole Die.: <u>2 IN.</u>
GOLDEN GATE				Q-9 Ø	FORM	ER UST			etion Data: BC			
25					Q-1 &-	g - 20 Q-11		, p.		MOVED TEMP V		
	j.	•	L			Q-12	N				NEAT CEMENT	TO SURFACE
	. !			BUILDING		[€]				OIG ILLES WITE	THE CIT COLUMN	10 00117100
	und Ele				Datu	m: Depth To ▽▽	15.5	2 ft	Depth To	15.59 ft.	D 5100	_1_
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۵	8 I	Depth	ntel ntel	Symbol (USCS)	graphic Symbol	Date			Date		X = Screen S	ample
<u> </u>	Œ	-		(Dace)					DESCR	PTION	•	
					9.9.9.9.9	2 IN. ASPHALT						
		1 1				GRAVEL BASE M			· · · · · · · · · · · · · · · · · · ·			
]		CLAY, DARK BROY	WN TO BLA	CK, FINE	S (100%), LOW F	PLASTIC, TRACE	FINE SAND, DR	y to damp,
		2				NO HYDROCARBO	ON ODOR					
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J.7	3.6/4	1 1	X	İ.					<u></u>			
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	<u> </u>	10		1				-	ROWN, FINES (16	00%), LOW PLA	STICITY, TRACE	FINE SAND, DAMP,
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L		15 -]		GRAVEL TO 3/41	N., DAMP T	O WET, F	AINT HYDROCAF	BON ODOR		
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j	4/4		<u> </u>			1		RUDII	NG TERMINATED	PAR TE NO 6		



Clayton Project No. 70-04429.00	Description	Front of subject property from Golden Gate Road, view to east	1
	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date October 23, 2003



Clayton Project No.	Description	View to north of front sidewalk in front of building. Note the sanitary sewer cleanout cover in foreground and gray metal plate covering the reported acid neutralizer sump.	2
70-04429.00	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date October 23, 2003



Clayton Project No.	Description	Sewer pipeline trenches in front parking lot, view to east. Note the 'Y' connection of the domestic sewer line (under white car) and the acid neutralization line (under the silver car) prior to flowing offsite to the west	3
70-04429.00	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date December 2, 2003



Clayton	Description	North side of subject building and parking area, view to west	4
Project No. 70-04429.00	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date October 23, 2003



Clayton Project No.	Description	View to north of a portion of the north property and boundary. Note the asphalt patch under the vehicles, the reported location of the former gasoline UST closed in 1989	5
70-04429.00	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date October 6, 2003



Clayton	Description	East side of subject building and property, view to south	6
Project No. 70-04429.00	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date October 23, 2003



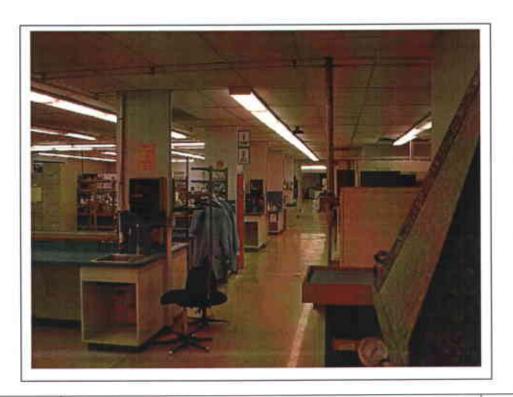
Clayton	Description	South side of subject building and parking area, view to west	7
Project No. 70-04429.00	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date October 23, 2003



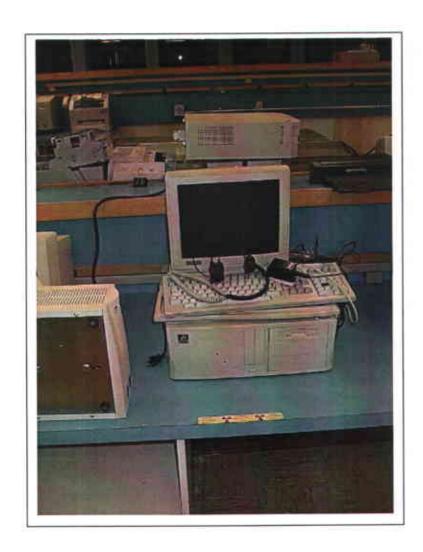
Clayton	Description	Westerly view of the dumpster and HVAC condensers, south side of the building	8
Project No. 70-04429.00	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date October 6, 2003



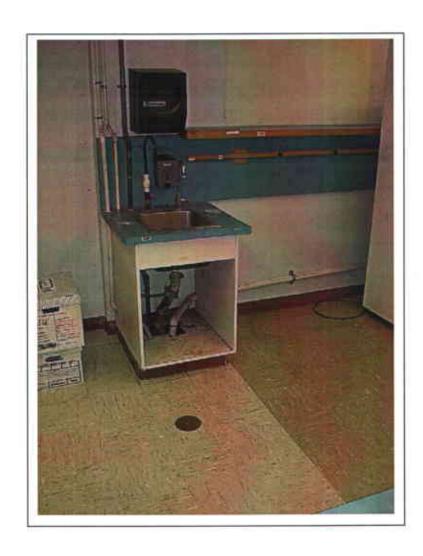
Clayton	Description	Electrical transformer by the south mid-property boundary	9
Project No. 70-04429.00	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date October 6, 2003



Clayton	Description	North central laboratory area, view to east, reported former toxicology testing area to left	10
Project No. 70-04429.00	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date October 6, 2003



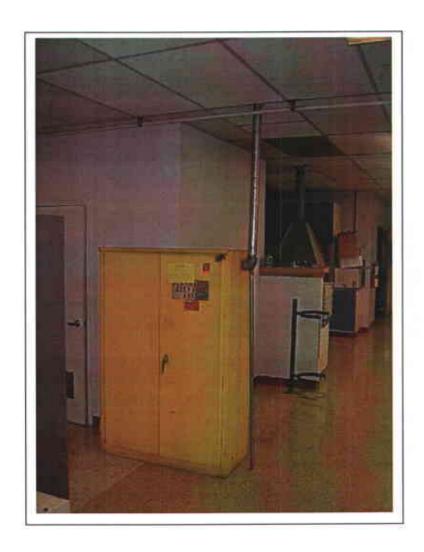
Clayton Project	Description	South central laboratory area in reported RIA area. Note radioactive materials warning label on counter top.	11
No. 70-04429.00	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date October 6, 2003



Clayton Project No.	Description	Typical laboratory sink and counter area along the acid waste sewer line (south central laboratory area). Note sewer cleanout in floor.	12
70-04429.00	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date December 2, 2003



Clayton Project No.	Description	Converted restroom in central laboratory area reportedly used for excess specimen disposal. Circular piping at sink top appears to be for sink washdown.	13
70-04429.00	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date December 2, 2003



Clayton Project	Description	Flammable materials storage cabinet in central laboratory area. Note pipe that vents the cabinet to the atmosphere through the ceiling. Also, note the laboratory exhaust hood (one of several) at right of photograph.	14
70-04429.00	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date October 6, 2003



Clayton Project No.	Description	Empty biohazardous waste containers in south laboratory area	15		
70-04429.00	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date December 2, 2003		



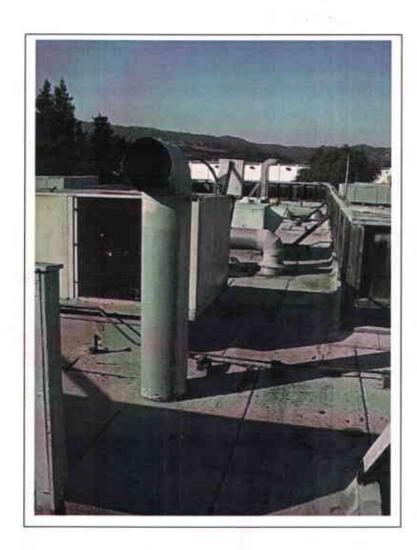
Clayton Project No.	Description	Former equipment area in southeast portion of laboratory. Note the stains from spillage of unknown substances.	16
70-04429.00	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date December 2, 2003



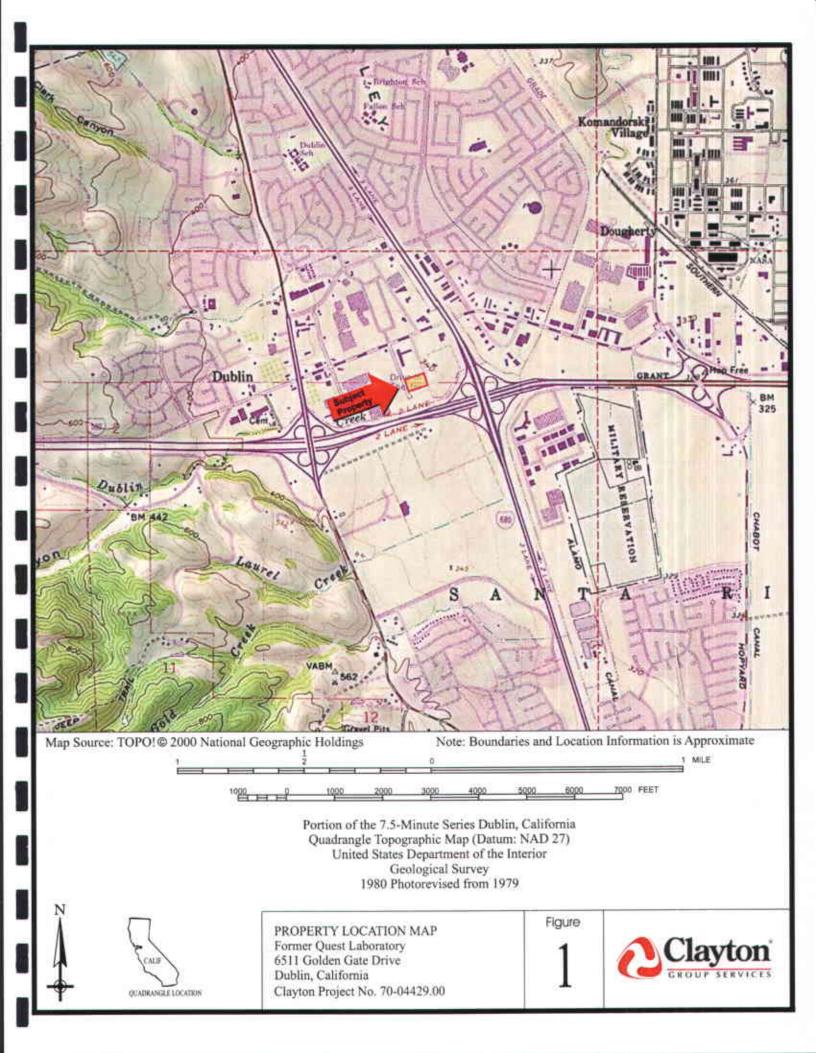
Clayton Project No.	Description	View of southeast portion of laboratory looking west. Area by eye wash equipment is reportedly a former hazardous waste storage area.	17
70-04429.00	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date December 2, 2003

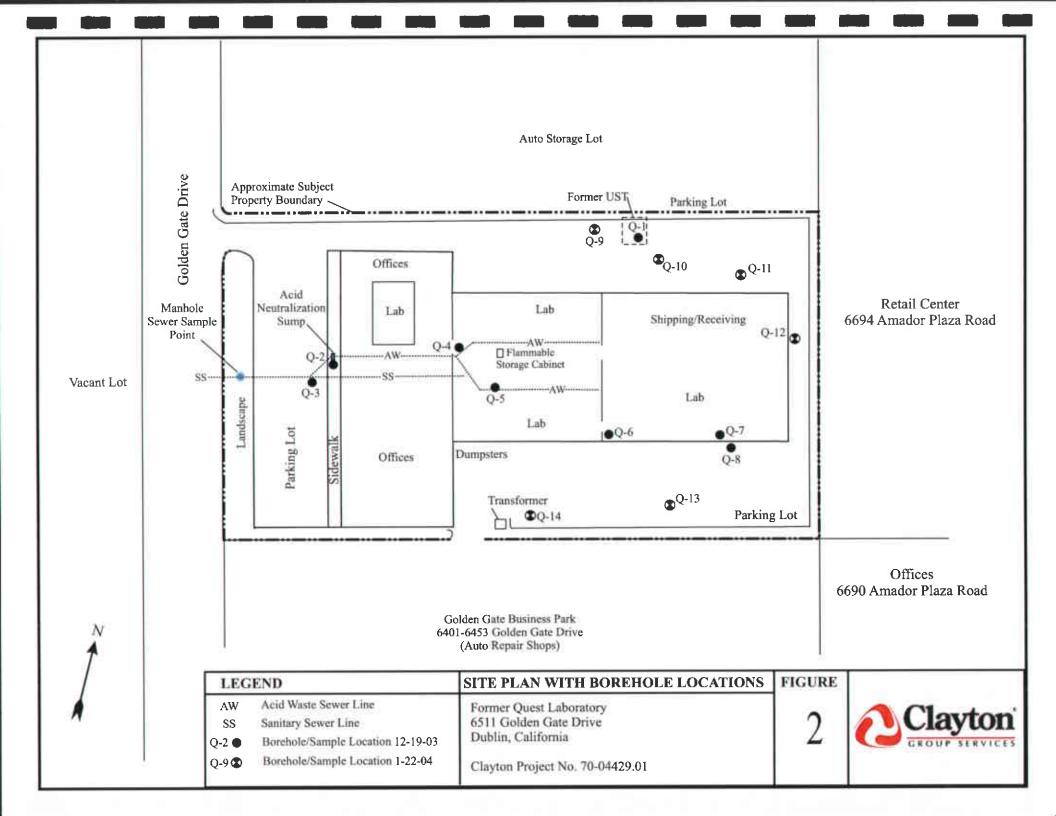


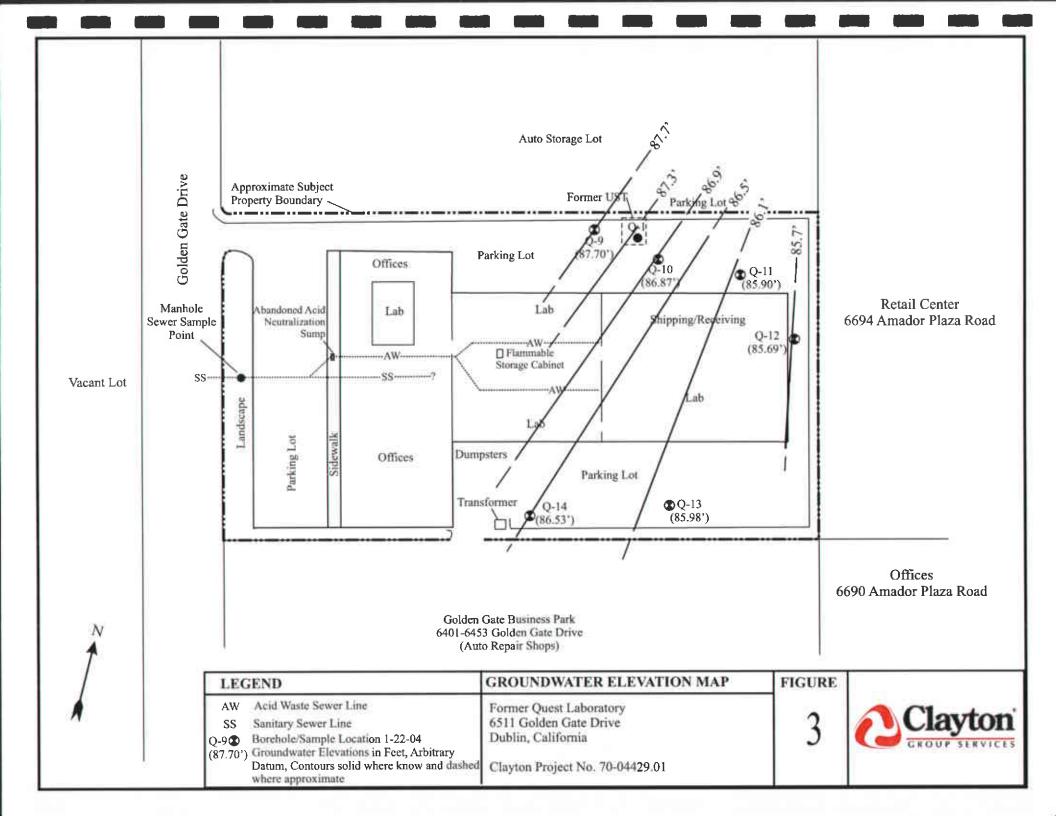
Clayton Project No.	Description	Laboratory in northwest wing of building listed as microbiology area on plans. Note exhaust hoods. HVAC vent on ceiling has dust buildup.	18
70-04429.00	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date December 2, 2003

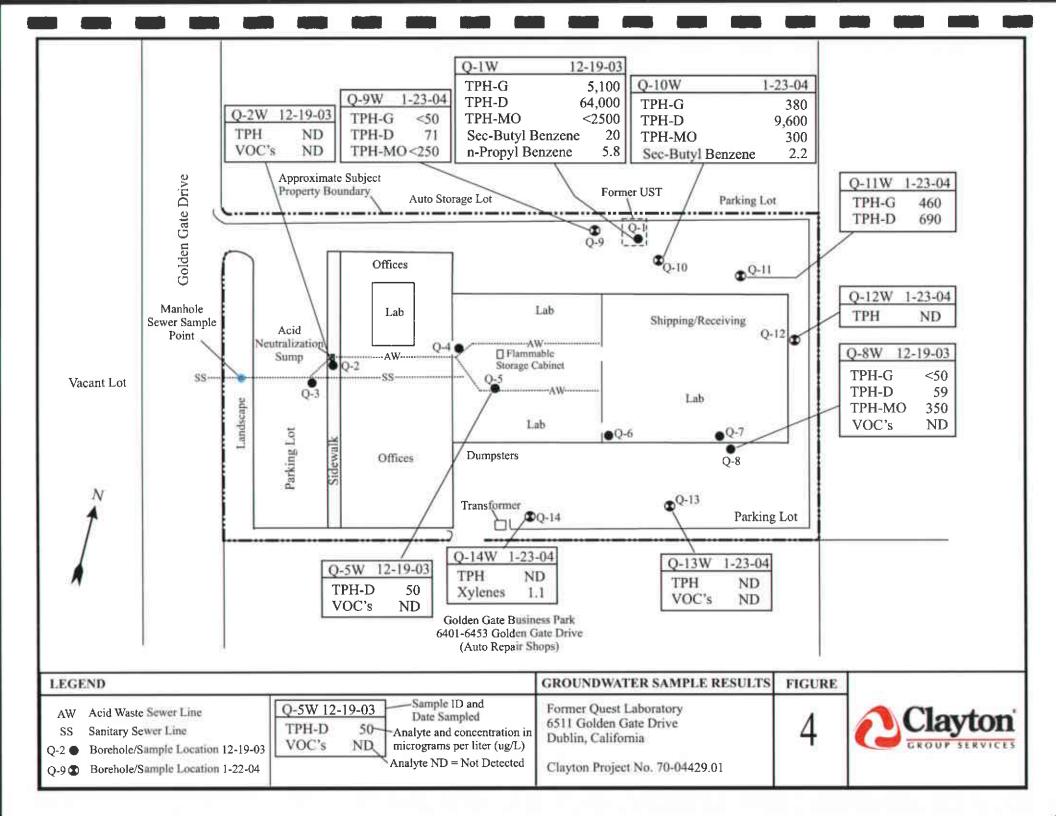


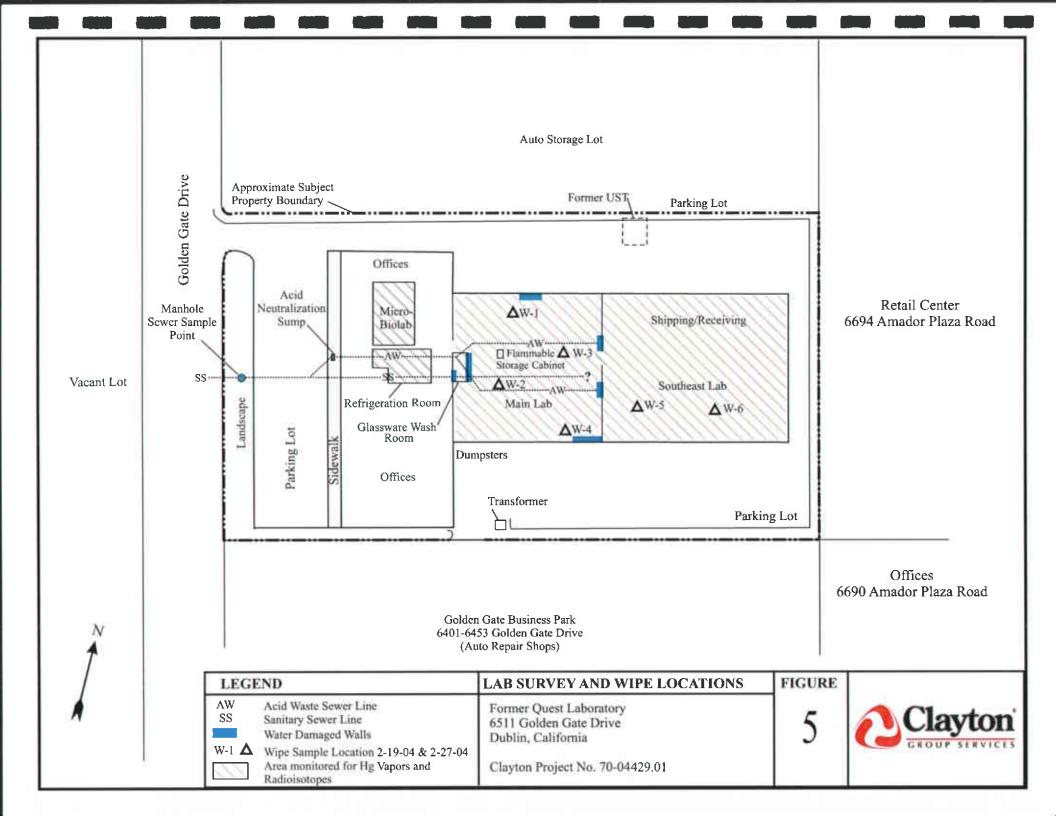
Clayton Project No.	Description	Equipment area on roof, view to west. Note the various exhaust vents from laboratory hoods in central area of photo. Also, note the flammable cabinet vent pipe at right edge of photo.	19
70-04429.00	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date October 6, 2003











C	Cla	yt(on Total	E	(PLOF	OF RATORY RING	PROJECT NO CLIENT: LOCATION: LOGGED BY	6511 GOLDEN	GATE DRIVE, (DUBLIN	BORING NO. Q-13 Sheet 1 of 1							
	d loca	tion	of b	oring:			Drilling Meth				Hole Dia.: 2 IN.							
GOLDEN GATE	1		í	BUILDING				letion Data: 80F										
PINE PINE					0-14 9	Q-13 T	Bonng oomp				ED AND REMOVED							
				<u>, □ }</u>	<u> Pili</u>					NEAT CEMENT								
	und El	a v. :			Datu	. m :												
-		7	후	Soil	Litho-	Depth To 💆	14.02 ft.	Depth To 🔻	14.02 ft.	B = BAG Sam	pie							
MD (ppm)	Recovery (ft./ft.)	Depth	Sample Interval	Group Symbol (USCS)		Time Date	11:41	Time Oate	12.58	X = Screen S	ample							
E	8 2	Ľ	Ø ≅	(ÚSCS)		DESCRIPTION												
			 		0:0:0:0:0:0													
-		1 -	₩	1		GRAVEL BASE MATERIAL CLAY TO SILTY CLAY, DARK BROWN TO BROWN, FINES (95-100%), SLIGHTLY PLASTIC, TRACE												
-	<u> </u>	-	₩-	}							J, THAGE							
	-	2 -	┼├	-		GRAVEL, ANGULAR	<u>10 1 IN., RUUTU</u>	15, DRY, STIFF, NC) HYDRUCARBI	UN UDOH								
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G	Clar	SERV	7715		(PLO	OF RATORY RING	PROJECT NO.: 70-04429.01 DATE: 1/22/04 BORING NO. CLIENT: SAFEWAY Q-14 LOCATION: 6511 GOLDEN GATE DRIVE, DUBLIN Sheet 1 LOGGED BY: D. ASHTON/DS DRILLER: ECA of 1
	ig locat	100		_		ı	Drilling Method: DPT Drill Rig Model: GEOPROBE Hole Dia.: 2 IN.
GOLDEN GATE DRIVE				BUILDING			Boring Completion Data: BORING TERMINATED @ 20 FT. BGS
Z 2	İ		Г		Q-14 a	Q-13 N	INSTALL TEMP WELL CASING, SAMPLED AND REMOVED
			\exists	्ः			BACKFILLED WITH NEAT CEMENT TO SUPFACE
	داخة استند						
	und Ele	e v. :	Ī .	0 = if	0 a tu	m: Depth To ▼	13.95 ft. Depth To Y 13.96 ft. 9 - RAG Sample
a	§ ⊆	Depth	P S	Soil Group	Litho-	Time	12.05 D - UAG Gampio
PID (ppm)	Recovery (ft./ft.)	De	Sample Interval	Symbol (USCS)	graphic Symbol	Date	Date X = Screen Sample DESCRIPTION
 -			'		1	O IN ACOUAL T	DESCRIPTION
\vdash			 	1	0:0:0:0:0:0	/ 	
1		1 -	1	4		GRAVEL BASE MAT	
-		1	├				NY, DARK BROWN TO BROWN, FINES (95-100%), SLIGHTLY PLASTIC, TRACE
 		2 -	<u> </u>			GRAVEL, ANGULAR	TO 1 IN., ROOTLETS, DRY, STIFF, NO HYDROCARBON ODOR
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		יטוך	Ţ] -		@ 10 FT., TRACE GI	RAVEL, SUBROUNDED TO 1/4-1/2 IN.
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6.0		- 11 -	В	1			
0.0	4/4	1	$+\frac{1}{x}$	1			
	7/7	12-	1	†		RARE CLAYEY SILT I	REDS 2-3IN THICK
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10,2	4/4	-	$+\frac{1}{x}$		V////	1 -	
ł	4/4	1	_ ^	- 1	11////	4 <u>.</u>	PORING TERMINATED @ 20 FT BGS

TABLE 1 Sampling and Analytical Program Former Quest Laboratory Clayton Project 70-04429.01

	Sample II						~ =		•	0.10			0.13	0.14	VV74 1 6	Total
Analytical Method	Q-1	Q-2	Q-3	Q-4	Q-5	Q-6	Q-7	Q-8	Q-9	Q-10	Q-11	Q-12	Q-13	Q-14	Wipes 1-6	Analyses
ТРН	s, GW	s, gw						GW	GW	S, GW	GW	GW	s, gw	S, GW		14
voc	s, gw	S, GW	S	Š	S, GW	S	S, GW	GW	GW	S, GW	GW	GW	S, GW	S, GW		21
svoc	İ	S	s	S	S	S	S									6
CAM-17		s, gw	S	S	S, GW	S	S, GW								Each	15
pН		S, GW		S	S, GW							-				5

LEGEND

S = Soil sample from unsaturated zone

GW = Grab-groundwater sample from temporary well point

TABLE 2 **Summary of Soil Analytical Results** Former Quest Laboratory, Dublin, CA

,		. •	Sample ID, Depth (Feet), & Date			
Analytical Method	Analyte	Units	Q-10 11.5-12' 1/23/04	Q-13 3.5-4 ¹ 1/23/04	Q-14 3.5-4 ¹ 1/23/04	ESLs - Tbl A Commercial
Total Petroleum	TPH-G	mg/Kg	<1.0	<1.0	<1.0	100
Hydrocarbons (TPH)	TPH-D	mg/Kg	<1.0	<1.0	<1.0	100
(EPA 8015M)	ТРН-МО	mg/Kg	<5.0	<5.0	7.4	1,000
Volatile Organic	Benzene	ug/Kg	<5.0	<5.0	<5.0	44
Compounds (VOCs)	Toluene	ug/Kg	<5.0	<5.0	<5.0	2.9
(EPA 8260B)	Ethylbenzene	ug/Kg	<5.0	<5.0	<5.0	3.3
•	Xylenes	ug/Kg	<5.0	<5.0	<5.0	1.5
	Fuel Oxygenates	ug/Kg	<5.0	<5.0	<5.0	23 (MTBE)
Semi-Volatile Organic Compounds (EPA 8270D))	mg/Kg	••	 -		Varies
Title 22 Metals (CAM 17) Antimony	mg/Kg				40
•	Arsenic	mg/Kg		_		5.5
	Barium	mg/Kg				1,500
	Beryllium	mg/Kg				8.0
	Cadmium	mg/Kg			'	7.4
	Chromium	mg/Kg	·			750 Cr3
•	Cobalt	mg/Kg			***	80
	Copper	mg/Kg	·		تب	230
	Lead	mg/Kg			<u></u>	750
	Mercury	mg/Kg				10
	Molybdenum	mg/Kg				40
	Nickel	mg/Kg		·		150
	Selenium	mg/Kg				10
•	Silver	mg/Kg				40
,	Thallium	mg/Kg			N	13
	Vanadium	mg/Kg	·	_		200
	Zinc	mg/Kg				600
pH ⁻		Std Units				

Notes: ESLs = Environmental Screening Levels

(CA Regional Water Quality Control Board - July 2003)
Table A Shallow Soils, Groundwater is a drinking water source

TABLE 2 **Summary of Soil Analytical Results** Former Quest Laboratory, Dublin, CA

			Sample ID, De	pth (Feet), &	Date				at .	
Analytical Method	Analyte	Units	Q-1 11.5-12' 12/19/03	Q-2 7.5-8° 12/19/03	Q-3 11.5-12 ¹ 12/19/03	Q-4 8.5-9' 12/19/03	Q-5 8.5-9' 12/19/03	Q-5 12.5-13' 12/19/03	Q-6 2.5-3' 12/19/03	Q-7 2.5-3' 12/19/03
Total Petroleum	ТРН-G	mg/Kg	<1.0	<1.0		-		· 🛶 .		
Hydrocarbons (TPH)	TPH-D	mg/Kg	<1.0	<1.0						
(EPA 8015M)	ТРН-МО	mg/Kg	<5.0	<5.0	·		 .			
Volatile Organic	Benzene	ug/Kg	<5.0	<5.0	<5.0	<5.0		<5.0	<5.0	<5.0
Compounds (VOCs)	Toluene	ug/Kg	<5.0	<5.0	<5.0	<5.0		<5.0	<5.0	<5.0
(EPA 8260B)	Ethylbenzene	ug/Kg	<5.0	<5.0	<5.0	<5.0	-	<5.0	. <5.0	<5.0
,	Xylenes	ug/Kg	<5.0	<5.0	<5.0	<5.0		<5.0	<5.0	<5.0
I	Fuel Oxygenates		<5.0	<5.0	<5.0	<5.0	'	<5.0	<5.0	<5.0
Semi-Volatile Organic Compounds (EPA 8270D)		mg/Kg		ND	ND	ND .		ND	ND	ND
Title 22 Metals (CAM 17)	Antimony	mg/Kg	n	<5.0	<5.0	<5.0		<5.0	<5.0	<5.0
	Arsenic	mg/Kg		6.9	8.0	10		6.6	8.4	11
	Barium	mg/Kg		110	110	100	-	97	130	120
	Beryllium	mg/Kg	-	<1.5	<1.5	<1.5		<1.5	<1.5	<1.5
	Cadmium	mg/Kg		<1.5	<1.5	<1.5	. 	<1.5	<1.5	<1.5
•	Chromium	mg/Kg		36	47	41	-	45	44	46
	Cobalt	mg/Kg	 .	9.4	8.2	15		6.6	. 26	13
	Copper	mg/Kg		24	32	24		24	27	31
	Lead	mg/Kg		8.6	8.7	10		9.8	10	16
	Mercury	mg/Kg		< 0.06	< 0.06	<0.06		< 0.06	< 0.06	< 0.06
	Molybdenum	mg/Kg		<1.5	<1.5	<1.5		<1.5	<1.5	<1.5
	Nickel	mg/Kg		33	36	44		33	37	44
	Selenium	mg/Kg		<5.0	<5.0	<5.0		<5.0	<5.0	<5.0
	Silver	mg/Kg	-	<1.5	<1.5	<1.5		<1.5	<1.5	<1.5
	Thallium	mg/Kg		<5.0	<5.0	<5.0	 .	<5.0	<5.0	<5.0
	Vanadium	mg/Kg		45	42	51		45	60	48
	Zinc	mg/Kg		49	65	65		57	63	71
рН	•	Std Units	-	7.22		7.01	7.43			,

mg/kg = milligrams per kilogram; ug/kg = microgram per kilogram <x = Analyte not detected at or above detection limit of x.



^{-- =} Not analyzed

TABLE 3 Summary of Groundwater Analytical Results Former Quest Laboratory, Dublin, CA

			Sample ID	& Date	•		·						
Category	Chemical	Units	Q-1W 12/19/03	Q-2W 12/19/03	Q-5W 12/19/03	Q-8W 12/19/03	Q-9W 1/23/04	· Q-10W 1/23/04	Q-11W 1/23/04	Q-12W 1/23/04	Q-13W 1/23/04	Q-14W 1/23/04	ESLs Table A
Total Petroleum Hydrocarbons	TPH-G	ug/L	5,100	<50	<50	<50	<50	380	460	<50	<50	<50	100
(EPA 8015M)	TPH-D	ug/L	64,000	< 50	50	59	71	9600	690	<50	<50	<50	100
	ТРН-МО	ug/L	<2500	<250	<250	350	<250	300	<250	<250	<250	<250	100
Volatile Organic Compounds	Benzene	ug/L	<0.5	<0.5	<0.5	<0.5		<0.5			<0.5	<0.5	1.0
(EPA 8260B)	Toluene	ug/L	<0.5	<0.5	<0.5	<0.5		<0.5	. · · ·	, 	<0.5	< 0.5	40
	Ethylbenzene	ug/L	<0.5	<0.5	<0.5	<0.5		<0.5	 ,	**	<0.5	<0.5	30
	Xylenes	ug/L	<0.5	<0.5	<0.5	<0.5		< 0.5			<0.5	1.1	13
	Fuel Oxygenates	_	<0.5	<0.5	<0.5	<0.5		< 0.5			<0.5	<0.5	5 (MTBE)
	sec-Butyl benzen		20	< 0.5	<0.5	<0.5		2.2			<0.5	<0.5	NE
	n-Propyl benzene	ug/L	5.8	<0.5	<0.5	<0.5	***	<0.5			<0.5	<0.5	NE
Title 22 Metals (CAM17)	Antimony	mg/L		<0.006	<0.006	< 0.006							0.006
·	Arsenic	mg/L	·	< 0.005	< 0.005	< 0.005							0.036
	Barium	mg/L		0.080	0.091	0.100				-	-		1.0
	Beryllium	mg/L		< 0.005	< 0.005	< 0.005							0.0027
	Cadmium	mg/L		< 0.005	< 0.005	< 0.005							0.0022
	Chromium	mg/L	-	< 0.005	< 0.005	< 0.005							0.180 Cr3
	Cobalt	mg/L	!	<0.005	< 0.005	< 0.005						 ·	0.003
	Copper	mg/L		<0.005	< 0.005	< 0.005			·				0.0031
•	Lead	mg/L		< 0.005	< 0.005	< 0.005							0.0025
	Mercury	mg/L		<0.0008	<0.0008	<0.0008			_				0.000012
	Molybdenum	mg/L		<0.005	<0.005	< 0.005							0.035
	Nickel	mg/L		0.0076	< 0.005	< 0.005							0.0082
	Selenium	mg/L		< 0.005	< 0.005	< 0.005	-						0.005
	Silver	mg/L		<0.005	< 0.005	< 0.005					••		0.00019
	Thallium	mg/L	i	< 0.005	< 0.005	< 0.005						 ',	0.002
•	Vanadium	mg/L		<0.02	< 0.02	< 0.02	-		 .				0.015
	Zinc	mg/L	-	< 0.02	<0.02	< 0.02		44					0.081
Ph (SW-9045C)	. S	td Units	7*	6.97	7.11	7*				, 			NE

ug/L = micrograms per liter; mg/L = milligram per liter; Std Units = Standard units for pH, 0-14 <x = Analyte not detected at or above detection limit of x.

⁻⁻ Not analyzed
ESLs = Environmental Screening Levels (RWQCB 7-2003), Table A for groundwater as a potential drinking water source

NE = Not established

^{7* -} pH field test using litmus paper accurate to single integer

TABLE 4
Summary of Wipe Analytical Results
Former Quest Laboratory, Dublin, CA

			Sample ID & Da	te		•			PRG		Max Metal
			W-1 & W-1A	W-2 & W-2A	W-3 & W-3A	W-4 & W-4A	W-5 & W-5A	W-6 & W-6A	Residental Soil	TTLC	Conc./ Tile Mass**
Analytical			2/19/04 &	2/19/04 &	2/19/04 &	2/19/04 &	2/19/04 &	2/19/04 &			
Method	Analyte	Units	2/27/2004	2/27/2004	2/27/2004	2/27/2004	2/27/2004	2/27/2004	(mg/kg)	(mg/kg)	(mg/kg)
Title 22 Metals	Antimony	mg/wipe*	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	31		
(TTLC)	Arsenic	mg/wipe*	<0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	<0.0010	0.39		
` ,	Barium	mg/wipe*	0.0040	0.0027	0.0075	0.0065	0.0076	0.034	5,400	10000	0.0649
	Beryllium	mg/wipe*	<0.00050	< 0.00050	<0.00050	< 0.00050	< 0.00050	<0.00050	150		
	Cadmium	mg/wipe*	<0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	<0.00050	37		
	Chromium	mg/wipe*	0.0018	0.0018	0.0040	0.0014	0.0015	0.0050	210	2500	0.0427
	Cobalt	mg/wipe*	<0.0010	< 0.0010	< 0.0010	<0.0010	< 0.0010	<0.0010	900		
	Copper	mg/wipe*	0.023	0.011	0.030	0.0066	0.014	0.25	3,100	2500	2.1364
•	Lead	mg/wipe*	0.0023	0.0019	0.0037	0.0016	0.0013	0.016	150	350	0.1367
	Mercury	mg/wipe**	0.00023	0.0012	0.009	0.00024	0.00014	0.0007	23	20	0.1430
	Molybdenum	mg/wipe*	0.0025	<0.0010	< 0.0010	< 0.0010	< 0.0010	<0.0010	390		
	Nickel	mg/wipe*	<0.0020	0.0018	0.0033	0.0011	< 0.0010	0.0069	1,600	2000	0.0590
	Selenium	mg/wipe*	<0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	<0.0020	390		
	Silver	mg/wipe*	<0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	390		
	Thallium	mg/wipe*	<0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	5.2		•
	Vanadium .	mg/wipe*	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	550		
	Zinc	mg/wipe*	<0.0010	< 0.0010	< 0.0010	< 0.0010	0.20	. 1.1	23,000	5000	9.40

Notes:

mg/kg = milligrams per kilogram; ug/kg = microgram per kilogram

PRG = USEPA Preliminary Remedial Goal, using residential soil concentrations

TTLC: Total Threshold Limit Concentration, CCR Title 22, Section 66261.24, concentrations used for state hazardous waste determination

Note: Wipe diameter 150 mm, except for Hg, wipes = 110mm diameter



< x = Analyte not detected at or above detection limit of x.

^{-- =} Not analyzed

^{* = &}quot;A" samples collected 2/27/04 using 150 mm diameter filter pad as wipe

^{** =} Hg samples collected 2/19/04 using 110 mm diameter filter pad as wipe

^{*** =} Title mass used was 1.17E-01 kg/wipe area for all metals, except Hg results (title mass = 6.29E-02 kg/wipe)



APPENDIX C LABORATORY ANALYTICAL DATA SHEETS AND CHAIN-OFCUSTODY RECORDS

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McCampbell Analytical Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 http://www.mccampbell.com E-mail: main@mccampbell.com

Clayton Group Services	Client Project ID: #70-04429.01; Former	Date Sampled: 12/19/03
6920 Koll Center Parkway, Ste.216 Pleasanton, CA 94566	Quest Laboratory	Date Received: 12/19/03
	Client Contact: Don Ashton	Date Reported: 12/30/03
	Client P.O.:	Date Completed: 12/30/03

WorkOrder: 0312427

December 30, 2003

Dear Don:

Enclosed are:

- 1). the results of 12 analyzed samples from your #70-04429.01; Former Quest Laboratory 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.

Yours truly,

Angela Rydelius, Lab Manager

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Clayton Group Services	Client Project ID: #70-04429.01; Former	Date Sampled: 12/19/03		
6920 Koll Center Parkway,	Quest Laboratory	Date Received: 12/19/03		
Ste.216	Client Contact: Don Ashton	Date Extracted: 12/19/03		
Pleasanton, CA 94566	Client P.O.:	Date Analyzed: 12/21/03-12/30/03		

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

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm			tical methods: SW8021B/8015Cm	Work Order: 0.	
Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
003A	Q-1 11.5-12'	S	ND	1	88.1
007A	Q-2 7.5-8'	S	ND	t	87.8
029A	Q-1W	w	5100,m,h,i	3.3	112
030A	Q-2W	W	ND	1	109
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Reporti	ng Limit for DF =1;	w	50	i	μg/L
ND mea	ins not detected at or the reporting limit	S	1.0	1	ng/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 ~2 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.

d	McCampbell	Analytical	Inc.
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Clayton Group Services	Client Project ID: #70-04429.01; Former	Date Sampled: 12/19/03
6920 Koll Center Parkway,	Quest Laboratory	Date Received: 12/19/03
Ste.216	Client Contact: Don Ashton	Date Extracted: 01/02/04
Pleasanton, CA 94566	Client P.O.:	Date Analyzed: 01/02/04

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

ction method: SV	W5030B	Anal	ytical methods: SW8015Cm	Work Order: 03	3124
Lab ID	Client ID	Matrix	TPH(g)	DF S	% S
031D	Q-5W	w	ND,i	1	10
032C	Q-8W	w	ND,i	ı	10
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Reporting	Limit for DF =1;	W	50	µg/I	L,
ND means	not detected at or e reporting limit	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 ~2 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.



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http://www.mccampbell.com E-mail: main@mccampbell.com

Clayton Group Services	Client Project ID: #70-04429.01; Former	Date Sampled: 12/19/03
6920 Koll Center Parkway,	Quest Laboratory	Date Received: 12/19/03
Ste.216 Pleasanton, CA 94566	Client Contact: Don Ashton	Date Extracted: 12/19/03
Pleasanton, CA 94300	Client P.O.:	Date Analyzed: 12/23/03

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

Extraction method: SV	V3550C		Analytical methods: SW8015C		Work O	rder: 0312427
Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0312427-003A	Q-1 11.5-12'	S	ND	ND	1	95.0
0312427-007A	Q-2 7.5-8'	S	ND	ND	1	94.0
0312427-029A	Q-1W	w	64,000,k,h,i	ND<2500	10	103
0312427-030A	Q-2W	w	W ND ND		1	94.6
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Reporting Limit for DF =1;	W	50	250	μg/L
ND means not detected at or above the reporting limit	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; 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 ~2 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

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Clayton Group Services	Client Project ID: #70-04429.01; Former	Date Sampled: 12/19/03
6920 Koll Center Parkway,	Quest Laboratory	Date Received: 12/19/03
Ste.216 Pleasanton, CA 94566	Client Contact: Don Ashton	Date Extracted: 12/31/03
ricasanton, CA 94500	Client P.O.:	Date Analyzed: 01/02/04-01/05/04

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

Extraction method: SW3510C			Analytical methods: SW8015C	:	Work O	rder: 0312427
Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0312427-031D	Q-5W	w	50,b,f,i	ND	1	105
0312427-032C	Q-8W	w	59,g,b,i	350	1	106
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Reporting Limit for DF =1;	W	50	250	μg/L
ND means not detected at or above the reporting limit	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 / STLC / STLP / TCLP extracts are reported in µg/L.

⁺The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.



[#] 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.

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Clayton Group Services	Client Project ID: #70-04429.01; Former	Date Sampled: 12/19/03
6920 Koll Center Parkway,	Quest Laboratory	Date Received: 12/19/03
Ste.216 Pleasanton, CA 94566	Client Contact: Don Ashton	Date Extracted: 12/19/03
Ticasanton, CA 74500	Client P.O.:	Date Analyzed: 12/24/03

Volatiles Organics + Oxygenates by P&T and GC/MS (Basic Target List)*

 Extraction Method:
 SW5030B
 Analytical Method:
 SW8260B
 Work Order:
 0312427

 Lab ID
 0312427-003A
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Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	50	tert-Amyl methyl ether (TAME)	ND	1.0	5.0
Веплене	ND	1.0	5.0	Bromobenzene	ND	1.0	5.0
Bromochloromethane	ND	1.0	5.0	Bromodichloromethane	ND	1.0	5.0
Bromoform	ND	1.0	5.0	Bromomethane	ND	1.0	5.0
2-Butanone (MEK)	ND	1.0	10	t-Butyl alcohol (TBA)	ND	1.0	25
n-Butyl benzene	ND .	1.0	5.0	sec-Butyl benzene	ND	1.0	5.0
tert-Butyl benzene	ND	1.0	5.0	Carbon Disulfide	ND	1.0	5.0
Carbon Tetrachloride	ND	1.0	5.0	Chlorobenzene	ND	1.0	5.0
Chloroethane	ND	1.0	5.0	2-Chloroethyl Vinyl Ether	ND	1.0	10
Chloroform	ND	1.0	5.0	Chloromethane	ND	1.0	5.0
2-Chlorotoluene	ND	1.0	5.0	4-Chlorotoluene	ND	1.0	5.0
Dibromochloromethane	ND	1.0	5.0	1,2-Dibromo-3-chloropropane	ND	1.0	5.0
1,2-Dibromoethane (EDB)	ND	1.0	5.0	Dibromomethane	ND	1.0	5.0
1,2-Dichlorobenzene	ND	1.0	5.0	1,3-Dichlorobenzene	ND	1.0	5.0
1,4-Dichlorobenzene	ND	1.0	5.0	Dichlorodifluoromethane	ND	1.0	5.0
I,1-Dichloroethane	ND ND	1.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND	1.0	5.0
1,1-Dichloroethene	ND	1.0	5.0	cis-1,2-Dichloroethene	ND	1.0	5.0
trans-1,2-Dichloroethene	ND	1.0	5.0	1,2-Dichloropropane	ND	1.0	5.0
1,3-Dichloropropane	ND	1.0	5.0	2,2-Dichloropropane	ND	1.0	5.0
1,1-Dichloropropene	ND	1.0	5.0	cis-1,3-Dichloropropene	ND	1.0	5.0
trans-1,3-Dichloropropene	ND	1.0	5.0	Diisopropyl ether (DIPE)	ND	1.0	5.0
Ethylbenzene	ND	1.0	5.0	Ethyi tert-butyi ether (ETBE)	ND	1.0	5.0
Hexachlorobutadiene	ND	1.0	5.0	2-Hexanone	ND	1.0	5.0
Iodomethane (Methyl iodide)	ND	1.0	50	Isopropylbenzene	ND	1.0	5.0
4-Isopropyl toluene	ND	1.0	5.0	Methyl-t-butyl ether (MTBE)	ND	1.0	5.0
Methylene chloride	ND	1.0	5.0	4-Methyl-2-pentanone (MIBK)	ND	1.0	5.0
Naphthalene	ND	1.0	5.0	n-Propyl benzene	ND	1.0	5.0
Styrene	ND	1.0	5.0	1,1,1,2-Tetrachloroethane	ND ·	1.0	5.0
1,1,2,2-Tetrachloroethane	ND	1.0	5.0	Tetrachloroethene	ND	1.0	5.0
Toluene	ND ND	1.0	5.0	1,2,3-Trichlorobenzene	ND	1.0	5.0
1,2,4-Trichlorobenzene	ND	1.0	5.0	1,1,1-Trichloroethane	ND	1.0	5.0
1,1,2-Trichloroethane	ND	1.0	5.0	Trichloroethene	ND	1.0	5.0
Trichlorofluoromethane	ND	1.0	5.0	1,2,3-Trichloropropane	ND	1.0	5.0
1,2,4-Trimethylbenzene	ND	1.0	5.0	1,3,5-Trimethylbenzene	ND	1.0	5.0
Vinyl Acetate	ND	1.0	50	Vinyl Chloride	ND	1.0	5.0
Xylenes	ND	1.0	5.0				
		Sur	rogate Re	ecoveries (%)			
%SS1: 88.9 %SS2: 107							

%SS3: Comments:

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



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

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 http://www.mccampbell.com E-mail: main@mccampbell.com

Clayton Group Services	Client Project ID: #70-04429.01; Former Quest Laboratory	Date Sampled: 12/19/03
6920 Koll Center Parkway, Ste.216 Pleasanton, CA 94566	Quest Laboratory	Date Received: 12/19/03
	Client Contact: Don Ashton	Date Extracted: 12/19/03
	Client P.O.:	Date Analyzed: 12/24/03

Volatiles Organics + Oxygenates by P&T and GC/MS (Basic Target List)*

Expaction Method: SW3030B	Analytical Method: SW8260B	Work Order: 0312427
Lab ID	0312427-007A	
Client ID	Q-2 7.5-8'	
Matrix	Soil	

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	50	tert-Amyl methyl ether (TAME)	ND	1.0	5.0
Benzene	ND	1.0	5.0	Bromobenzene	ND	1.0	5.0
Bromochloromethane	ND ND	1.0	5.0	Bromodichloromethane	ND	1.0	5.0
Bromoform	ND	1.0	5.0	Bromomethane	ND	1.0	5.0
2-Butanone (MEK)	ND	1.0	10	t-Butyl alcohol (TBA)	ND	1.0	25
п-Butyl benzene	ND	1.0	5.0	sec-Butyl benzene	ND	1.0	5.0
tert-Butyl benzene	ND_	1.0	5.0	Carbon Disulfide	ND	1.0	5.0
Carbon Tetrachloride	ND	1.0	5.0	Chlorobenzene	ND	1.0	5.0
Chloroethane	ND	1.0	5.0	2-Chloroethyl Vinyl Ether	ND	1.0	10
Chloroform	ND	1.0	5.0	Chloromethane	ND	1.0	5.0
2-Chlorotoluene	ND	1.0	5.0	4-Chlorotoluene	ND	1.0	5.0
Dibromochloromethane	ND	1.0	5.0	1,2-Dibromo-3-chloropropane	ND	1.0	5.0
1,2-Dibromoethane (EDB)	ND	1.0	5.0	Dibromomethane	ND	1.0	5.0
1,2-Dichlorobenzene	ND	1.0	5.0	1,3-Dichlorobenzene	ND	1.0	5.0
1,4-Dichlorobenzene	ND	1.0	5.0	Dichlorodifluoromethane	ND	1.0	5.0
1,1-Dichloroethane	ND	1.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND	1.0	5.0
1,1-Dichloroethene	ND	1.0	5.0	cis-1,2-Dichloroethene	ND	1.0	5.0
trans-1,2-Dichloroethene	ND	1.0	5.0	1,2-Dichloropropane	ND	1.0	5.0
1,3-Dichloropropane	ND	1.0	5.0	2,2-Dichloropropane	ND	1.0	5.0
1,1-Dichloropropene	ND	1.0	5.0	cis-1,3-Dichloropropene	ND	1.0	5.0
trans-1,3-Dichloropropene	ND	1.0	5.0	Diisopropyl ether (DIPE)	ND	1.0	5.0
Ethylbenzene	ND	1.0	5.0	Ethyl tert-butyl ether (ETBE)	ND	1.0	5.0
Hexachlorobutadiene	ND	1.0	5.0	2-Hexanone	ND	1.0	5.0
Iodomethane (Methyl iodide)	ND	1.0	50	Isopropylbenzene	ND	1.0	5.0
4-Isopropyl toluene	ND	1.0	5.0	Methyl-t-butyl ether (MTBE)	ND	1.0	5.0
Methylene chloride	ND	1.0	5.0	4-Methyl-2-pentanone (MIBK)	ND	1.0	5.0
Naphthalene	ND	1.0	5.0	n-Propyl benzene	ND	1.0	5.0
Styrene	ND	1.0	5.0	1,1,1,2-Tetrachloroethane	ND	1.0	5.0
1,1,2,2-Tetrachloroethane	ND	1.0	5.0	Tetrachloroethene	ND	1.0	5.0
Toluene	ND	1.0	5.0	1,2,3-Trichlorobenzene	ND	1.0	5.0
1,2,4-Trichlorobenzene	ND	1.0	5.0	1,1,1-Trichloroethane	ND	1.0	5.0
1,1,2-Trichloroethane	ND	1.0	5.0	Trichloroethene	ND	1.0	5.0
Trichlorofluoromethane	ND	1.0	5.0	1,2,3-Trichloropropane	ND	1.0	5.0
1,2,4-Trimethylbenzene	ND	1.0	5.0	1,3,5-Trimethylbenzene	ND	1.0	5.0
Vinyl Acetate	ND	1.0	50	Vinyl Chloride	ND	1.0	5.0
Xylenes	ND	1.0	5.0			***	
		Surr		coveries (%)	,		
%SS1:	92.4			%SS2-	107		

 Surrogate Recoveries (%)

 %SS1:
 92.4
 %SS2:
 107

 %SS3:
 116
 116
 116

Comments:

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



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

McCampbell Analytical Inc.

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Clayton Group Services 6920 Koll Center Parkway, Ste.216 Pleasanton, CA 94566	Client Project ID: #70-04429.01; Former	Date Sampled: 12/19/03
	Quest Laboratory	Date Received: 12/19/03
	Client Contact: Don Ashton	Date Extracted: 12/19/03
	Client P.O.:	Date Analyzed: 12/24/03

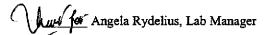
Volatiles Organics + Oxygenates by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B	Analytical Method: SW8260B	Work Order: 0312427
Lab ID	0312427-013A	
Client ID	Q-3 11.5-12'	
Matrix	Soil	

Matrix	Soil								
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit		
Acetone	ND	1.0	50	tert-Amyl methyl ether (TAME)	ND	1.0	5.0		
Benzene	ND	1.0	5.0	Bromobenzene	ND	1.0	5.0		
Bromochloromethane	ND	1.0	5.0	Bromodichloromethane	ND	1.0	5.0		
Bromoform	ND	1.0	5.0	Bromomethane	ND	1.0	5.0		
2-Butanone (MEK)	ND	1.0	10	t-Butyl alcohol (TBA)	ND	1.0	25		
n-Butyl benzene	ND	1.0	5.0	sec-Butyl benzene	ND	1.0	5.0		
tert-Butyl benzene	ND	1.0	5.0	Carbon Disulfide	ND	1.0	5.0		
Carbon Tetrachloride	ND	1.0	5.0	Chlorobenzene	ND	1.0	5.0		
Chloroethane	ND	1.0	5.0	2-Chloroethyl Vinyl Ether	ND	1.0	10		
Chloroform	ND	1.0	5.0	Chloromethane	ND	1.0	5.0		
2-Chlorotoluene	ND	1.0	5.0	4-Chlorotoluene	ND	1.0	5.0		
Dibromochloromethane	ND	1.0	5.0	1,2-Dibromo-3-chloropropane	ND	1.0	5.0		
1,2-Dibromoethane (EDB)	ND	1.0	5.0	Dibromomethane	ND	1.0	5.0		
1,2-Dichlorobenzene	ND	1.0	5.0	1,3-Dichlorobenzene	ND	1.0	5.0		
1,4-Dichlorobenzene	ND	1.0	5.0	Dichlorodifluoromethane	ND	1.0	5.0		
1,1-Dichloroethane	ND	1.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND	1.0	5.0		
1,1-Dichloroethene	ND	1.0	5.0	cis-1,2-Dichloroethene	ND	1.0	5.0		
trans-1,2-Dichloroethene	ND	1.0	5.0	1,2-Dichloropropane	ND	1.0	5.0		
1,3-Dichloropropane	ND	1.0	5.0	2,2-Dichloropropane	ND	1.0	5.0		
1,1-Dichloropropene	ND	1.0	5.0	cis-1,3-Dichloropropene	ND	1.0	5.0		
trans-1,3-Dichloropropene	ND	1.0	5.0	Diisopropyl ether (DIPE)	ND	1.0	5.0		
Ethylbenzene	ND	1.0	5.0	Ethyl tert-butyl ether (ETBE)	ND	1.0	5.0		
Hexachlorobutadiene	ND	0.1	5.0	2-Hexanone	ND	1.0	5.0		
Iodomethane (Methyl iodide)	ND	1.0	50	Isopropylbenzene	ND	1.0	5.0		
4-Isopropyl toluene	ND	1.0	5.0	Methyl-t-butyl ether (MTBE)	ND	1.0	5.0		
Methylene chloride	ND	1.0	5.0	4-Methyl-2-pentanone (MIBK)	ND	1.0	5.0		
Naphthalene	ND	1.0	5.0	n-Propyl benzene	ND	1.0	5.0		
Styrene	ND	1.0	5.0	1,1,1,2-Tetrachloroethane	ND	1.0	5.0		
1,1,2,2-Tetrachloroethane	ND	1.0	5.0	Tetrachloroethene	ND	1.0	5.0		
Toluene	ND	1.0	5.0	1,2,3-Trichlorobenzene	ND	1.0	5.0		
1,2,4-Trichlorobenzene	ND	1.0	5.0	1,1,1-Trichloroethane	ND	1.0	5.0		
1,1,2-Trichloroethane	ND	1.0	5.0	Trichloroethene	ND	1.0	5.0		
Trichlorofluoromethane	ND	1.0	5.0	1,2,3-Trichloropropane	ND	1.0	5.0		
1,2,4-Trimethylbenzene	ND	1.0	5.0	1,3,5-Trimethylbenzene	ND	1.0	5.0		
Vinyl Acetate	ND	1.0	50	Vinyl Chloride	ND	1.0	5.0		
Xylenes	ND	1.0	5.0	*					
		Sur		coveries (%)					
%SS1:	92.4			%SS2:	107	•			
%SS3:	114				1				

Comments:

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



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

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Clayton Group Services 6920 Koll Center Parkway, Ste.216 Pleasanton, CA 94566	Client Project ID: #70-04429.01; Former	Date Sampled: 12/19/03				
	Quest Laboratory	Date Received: 12/19/03				
	Client Contact: Don Ashton	Date Extracted: 12/19/03				
	Client P.O.:	Date Analyzed: 12/24/03				

Volatiles Organics + Oxygenates by P&T and GC/MS (Basic Target List)*

 Extraction Method:
 SW5030B
 Analytical Method:
 SW8260B
 Work Order: 0312427

 Lab ID
 0312427-015A

 Client ID
 Q-4 8.5-9'

 Matrix
 Soil

Mana	Soil						
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	50	tert-Amyl methyl ether (TAME)	ND	1.0	5.0
Benzene	ND	1.0	5.0	Bromobenzene	ND	1.0	5.0
Bromochloromethane	ND	1.0	5.0	Bromodichloromethane	ND	1.0	5.0
Bromoform	ND	1.0	5.0	Bromomethane	ND	1.0	5.0
2-Butanone (MEK)	ND	- 1.0	10	t-Butyl alcohol (TBA)	ND	1.0	25
n-Butyl benzene	ND	.1.0	5.0	sec-Butyl benzene	ND	1.0	5.0
tert-Butyl benzene	ND	1.0	5.0	Carbon Disulfide	ND	1.0	5.0
Carbon Tetrachloride	ND	1.0	5.0	Chlorobenzene	ND	1.0	5.0
Chloroethane	ND	1.0	5.0	2-Chloroethyl Vinyl Ether	ND	1.0	10
Chloroform	ND	1.0	5.0	Chloromethane	ND	1.0	5.0
2-Chlorotoluene	ND	1.0	5.0	4-Chlorotoluene	ND	1.0	5.0
Dibromochloromethane	ND	1.0	5.0	1,2-Dibromo-3-chloropropane	ND	1.0	5.0
1,2-Dibromoethane (EDB)	ND	1.0	5.0	Dibromomethane	ND	1.0	5.0
1,2-Dichlorobenzene	ND	1.0	5.0	1,3-Dichlorobenzene	ND	1.0	5.0
1,4-Dichlorobenzene	ND	1.0	5.0	Dichlorodifluoromethane	ND	1.0	5.0
1,1-Dichloroethane	ND	1.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND	1.0	5.0
1,1-Dichloroethene	ND	1.0	5.0	cis-1,2-Dichloroethene	ND	1.0	5.0
trans-1,2-Dichloroethene	ND	1.0	5.0	1,2-Dichloropropane	ND	1.0	5.0
1,3-Dichloropropane	ND	1.0	5.0	2,2-Dichloropropane	ND	1.0	5.0
1,1-Dichloropropene	ND	1.0	5.0	cis-1,3-Dichloropropene	ND ND	1.0	5.0
trans-1,3-Dichloropropene	ND	1.0	5.0	Diisopropyl ether (DIPE)	ND	1.0	5.0
Ethylbenzene	ND	1.0	5.0	Ethyl tert-butyl ether (ETBE)	ND	1.0	5.0
Hexachlorobutadiene	ND	1.0	5.0	2-Hexanone	ND	1.0	5.0
Iodomethane (Methyl iodide)	ND	1.0	50	Isopropylbenzene	ND	1.0	5.0
4-Isopropyl toluene	ND	1.0	5.0	Methyl-t-butyl ether (MTBE)	ND	1.0	5.0
Methylene chloride	ND	1.0	5.0	4-Methyl-2-pentanone (MIBK)	ND	1.0	5.0
Naphthalene	ND	1.0	5.0	n-Propyl benzene	ND ND	1.0	5.0
Styrene	ND	1.0	5.0	1,1,1,2-Tetrachloroethane	ND	1.0	5.0
1,1,2,2-Tetrachloroethane	ND	1.0	5.0	Tetrachloroethene	ND	1.0	5.0
Toluene	ND	1.0	5.0	1,2,3-Trichlorobenzene	ND	1.0	5.0
1,2,4-Trichlorobenzene	ND	1.0	5.0	1,1,1-Trichloroethane	ND ND	1.0	-5.0
1,1,2-Trichloroethane	ND	1.0	5.0	Trichloroethene	ND ND	1.0	5.0
Trichlorofluoromethane	ND	1.0	5.0	1,2,3-Trichloropropane	ND	1.0	5.0
1,2,4-Trimethylbenzene	ND	1.0	5.0	1,3,5-Trimethylbenzene	ND	1.0	5.0
Vinyl Acetate	ND	1.0	50	Vinyl Chloride	ND ND	1.0	5.0
Xylenes	ND	1.0	5.0		110	1.0	, ,,,,,
	<u>-</u>			coveries (%)			
%SS1:	90.6		Sam Me	%SS2:	100		
%SS1: 90.6 %SS2: 108							

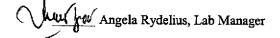
 Surrogate Recoveries (%)

 %SS1:
 90.6
 %SS2:
 108

 %SS3:
 113
 113

Comments:

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



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

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Clayton Group Services	Client Project ID: #70-04429.01; Former	Date Sampled: 12/19/03
6920 Koll Center Parkway, Ste.216 Pleasanton, CA 94566	Quest Laboratory	Date Received: 12/19/03
	Client Contact: Don Ashton	Date Extracted: 12/19/03
	Client P.O.:	Date Analyzed: 12/24/03

Volatiles Organics + Oxygenates by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B	Analytical Method: SW8260B	Work Order: 0312427
Lab ID	0312427-020A	
Client ID	Q-5 12.5-13'	
Matrix	Soil	

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	50	tert-Amyl methyl ether (TAME)	ND	1.0	5.0
Benzene	ND	1.0	5.0	Bromobenzene	ND	1.0	5.0
Bromochloromethane	ND	1.0	5.0	Bromodichloromethane	ND	1.0	5.0
Bromoform	ND	1.0	5.0	Bromomethane	ND	1.0	5.0
2-Butanone (MEK)	ND	1.0	10	t-Butyl alcohol (TBA)	ND	1.0	25
n-Butyl benzene	ND	1.0	5.0	sec-Butyl benzene	ND ·	1.0	5.0
tert-Butyl benzene	ND	1.0	5.0	Carbon Disulfide	ND	1.0	5.0
Carbon Tetrachloride	ND	1.0	5.0	Chlorobenzene	ND	1.0	5.0
Chloroethane	ND	1.0	5.0	2-Chloroethyl Vinyl Ether	ND	1.0	10
Chloroform	ND	1.0	5.0	Chloromethane	ND	1.0	5.0
2-Chlorotoluene	ND	1.0	5.0	4-Chlorotoluene	ND	1.0	5.0
Dibromochloromethane	ND	1.0	5.0	1,2-Dibromo-3-chloropropane	ND	1.0	5.0
1,2-Dibromoethane (EDB)	ND	1.0	5.0	Dibromomethane	ND	1.0	5.0
1,2-Dichlorobenzene	ND	1.0	5.0	1,3-Dichlorobenzene	ND	1.0	5.0
1,4-Dichlorobenzene	ND	1.0	5.0	Dichlorodifluoromethane	ND	1.0	5.0
1,1-Dichloroethane	ND	1.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND	1.0	5.0
1,1-Dichloroethene	ND	1.0	5.0	cis-1,2-Dichloroethene	ND	1.0	5.0
trans-1,2-Dichloroethene	ND	1.0	5.0	1,2-Dichloropropane	ND	1.0	5.0
1,3-Dichloropropane	ND	1.0	5.0	2,2-Dichloropropane	ND	1.0	5.0
1,1-Dichloropropene	ND	1.0	5.0	cis-1,3-Dichloropropene	ND	1.0	5.0
trans-1,3-Dichloropropene	ND	1.0	5.0	Diisopropyl ether (DIPE)	ND	1.0	5.0
Ethylbenzene	ND	1.0	5.0	Ethyl tert-butyl ether (ETBE)	ND	1.0	5.0
Hexachlorobutadiene	ND	1.0	5.0	2-Hexanone	ND	1.0	5.0
Iodomethane (Methyl iodide)	ND	1.0	50	Isopropylbenzene	ND	1.0	5.0
4-isopropyl toluene	ND	1.0	5.0	Methyl-t-butyl ether (MTBE)	ND	1.0	5.0
Methylene chloride	ND	1.0	5.0	4-Methyl-2-pentanone (MIBK)	ND	1.0	5.0
Naphthalene	ND	1.0	5.0	n-Propyl benzene	ND	1.0	5.0
Styrene	ND	1.0	5.0	1,1,1,2-Tetrachloroethane	ND	1.0	5.0
1,1,2,2-Tetrachloroethane	ND	1.0	5.0	Tetrachloroethene	ND	1.0	5.0
Toluene	ND	1.0	5.0	1,2,3-Trichlorobenzene	ND	1.0	5.0
1,2,4-Trichlorobenzene	ND	1.0	5.0	1,1,1-Trichloroethane	ND	1.0	5.0
1,1,2-Trichloroethane	ND	1.0	5.0	Trichloroethene	ND	1.0	5.0
Trichlorofluoromethane	ND	1.0	5.0	1,2,3-Trichloropropane	ND	1.0	5.0
1,2,4-Trimethylbenzene	ND	1.0	5.0	1,3,5-Trimethylbenzene	ND	1.0	5.0
Vinyl Acetate	ND	1.0	50	Vinyl Chloride	ND	1.0	5.0
Xylenes	ND	1.0	5.0				
		Sur	rogate Re	coveries (%)	•		
%SS1:	91.	9		%SS2:	107		
N/ 0.00				•			

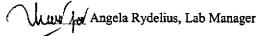
%SS3: Comments:

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

112

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 ~2 vol. % sediment; j) sample diluted due to high organic content.



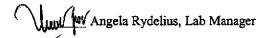
^{*} water and vapor samples and all TCLP & SPLP extracts are reported in μg/L, soil/sludge/solid samples in μg/kg, wipe samples in μg/wipe, product/oil/non-aqueous liquid samples in mg/L.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone: 925-798-1620 Fax: 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Clayton Group Services	Client Project ID: #70-04429.01; Former	Date Sampled: 12/19/03
6920 Koll Center Parkway, Ste.216 Pleasanton, CA 94566	Quest Laboratory	Date Received: 12/19/03
	Client Contact: Don Ashton	Date Extracted: 12/19/03
	Client P.O.:	Date Analyzed: 12/24/03

Volatiles Organics + Oxygenates by P&T and GC/MS (Basic Target List)*							
Extraction Method: SW5030B		Analytical Method: SW8260B Work Order: 0312427					
Lab ID		0312427-022A					
Client ID		Q-6 2.5-3'					
Matrix				Soil			
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	50	tert-Amyl methyl ether (TAME)	ND	1.0	5.0
Benzene	ND	1.0	5.0	Bromobenzene	ND	1.0	5.0
Bromochloromethane	ND	1.0	5.0	Bromodichloromethane	ND	0.1	5.0
Bromoform	ND	1.0	5.0	Bromomethane	ND	1.0	5.0
2-Butanone (MEK)	ND	1.0	10	t-Butyl alcohol (TBA)	ND	1.0	25
n-Butyl benzene	ND	1.0	5.0	sec-Butyl benzene	ND	1.0	5.0
tert-Butyl benzene	ND	1.0	5.0	Carbon Disulfide	ND	1.0	5.0
Carbon Tetrachloride	ND	1.0	5.0	Chlorobenzene	ND	1.0	5.0
Chloroethane	ND	1.0	5.0	2-Chloroethyl Vinyl Ether	ND	1.0	10
Chloroform	ND	1.0	5.0	Chloromethane	ND	1.0	5.0
2-Chlorotoluene	ND	1.0	5.0	4-Chlorotoluene	ND	1.0	5.0
Dibromochloromethane	ND	1.0	5.0	1,2-Dibromo-3-chloropropane	ND	1.0	5.0
1,2-Dibromoethane (EDB)	ND	1.0	5.0	Dibromomethane	ND	1.0	5.0
1,2-Dichlorobenzene	ND	1.0	5.0	1,3-Dichlorobenzene	ND	1.0	5.0
1,4-Dichlorobenzene	ND	1.0	5.0	Dichlorodifluoromethane	ND	1.0	5.0
1,1-Dichloroethane	ND	1.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND	1.0	5.0
1,1-Dichloroethene	ND	1.0	5.0	cis-1,2-Dichloroethene	ND	1.0	5.0
trans-1,2-Dichloroethene	ND	1.0	5.0	1,2-Dichloropropane	ND	1.0	5.0
1,3-Dichloropropane	ND	1.0	5.0	2,2-Dichloropropane	ND	1.0	5.0
1,1-Dichloropropene	ND	1.0	5.0	cis-1,3-Dichloropropene	ND	1.0	5.0
trans-1,3-Dichloropropene	ND	1.0	5.0	Diisopropyl ether (DIPE)	ND	1.0	5.0
Ethylbenzene	ND	1.0	5.0	Ethyl tert-butyl ether (ETBE)	ND	1.0	5.0
Hexachlorobutadiene	ND	1.0	5.0	2-Hexanone	ND	1.0	5.0
Iodomethane (Methyl iodide)	ND	1.0	50	Isopropylbenzene	ND	1.0	5.0
4-Isopropyl toluene	ND	1.0	5.0	Methyl-t-butyl ether (MTBE)	ND	1.0	5.0
Methylene chloride	ND	1.0	5.0	4-Methyl-2-pentanone (MIBK)	ND	1.0	5.0
Naphthalene	ND	1.0	5.0	n-Propyl benzene	ND	1.0	5.0
Styrene	ND	1.0	5.0	1,1,1,2-Tetrachloroethane	ND	1.0	5.0
1,1,2,2-Tetrachloroethane	ND	1.0	5.0	Tetrachloroethene	ND	1.0	5.0
Toluene	ND	1.0	5.0	1,2,3-Trichlorobenzene	ND	1.0	5.0
1,2,4-Trichlorobenzene	ND	1.0	5.0	1,1,1-Trichloroethane	ND	1.0	- 5.0
1,1,2-Trichloroethane	ND	1.0	5.0	Trichloroethene	ND	1.0	5.0
Trichlorofluoromethane	ND	1.0	5.0	1,2,3-Trichloropropane	ND	1.0	5.0
1,2,4-Trimethylbenzene	ND	1.0	5.0	1,3,5-Trimethylbenzene	ND	1.0	5.0
Vinyl Acetate	ND	1.0	50	Vinyl Chloride	ND	1.0	5.0
Xylenes	ND	1.0	5.0				
		Sur	rogate R	ecoveries (%)			
%SS1:	91.8			%SS2:	108	;	•
%SS3:	114						· · · · · · · · · · · · · · · · · · ·

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



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

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Clayton Group Services	Client Project ID: #70-04429.01; Former	Date Sampled: 12/19/03
6920 Koll Center Parkway, Ste.216 Pleasanton, CA 94566	Quest Laboratory	Date Received: 12/19/03
	Client Contact: Don Ashton	Date Extracted: 12/19/03
	Client P.O.:	Date Analyzed: 12/24/03

Volatiles Organics + Oxygenates by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B	Analytical Method: SW8260B	Work Order: 0312427
Lab ID	0312427-023A	
Client ID	Q-7 2.5-3'	

Matrix	Soil						
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	50	tert-Amyl methyl ether (TAME)	ND	1.0	5.0
Benzene	ND	1.0	5.0	Bromobenzene	ND	1.0	5.0
Bromochloromethane	ND	1.0	5.0	Bromodichloromethane	ND	1.0	5.0
Bromoform	ND	1.0	5.0	Bromomethane	ND	1.0	5.0
2-Butanone (MEK)	ND	1.0	10	t-Butyl alcohol (TBA)	ND	1.0	25
n-Butyl benzene	ND	1.0	5.0	sec-Butyl benzene	ND	1.0	5.0
tert-Butyl benzene	ND	1.0	5.0	Carbon Disulfide	ND	1.0	5.0
Carbon Tetrachloride	ND	1.0	5.0	Chlorobenzene	ND	1.0	5.0
Chloroethane	ND	1.0	5.0	2-Chloroethyl Vinyl Ether	ND	1.0	10
Chloroform	ND	1.0	5.0	Chloromethane	ND	1.0	5.0
2-Chlorotoluene	ND	1.0	5.0	4-Chlorotoluene	ND	1.0	5.0
Dibromochloromethane	ND	1.0	5.0	1,2-Dibromo-3-chloropropane	ND	1.0	5.0
1,2-Dibromoethane (EDB)	ND	1.0	5.0	Dibromomethane	ND	1.0	5.0
1,2-Dichlorobenzene	ND	1.0	5.0	1,3-Dichlorobenzene	ND	1.0	5.0
1,4-Dichlorobenzene	ND	1.0	5.0	Dichlorodifluoromethane	ND	1.0	- 5.0
1,1-Dichloroethane	ND	1.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND	1.0	5.0
1,1-Dichloroethene	ND	1.0	5.0	cis-1,2-Dichloroethene	ND	1.0	5.0
trans-1,2-Dichloroethene	ND	1.0	5.0	1,2-Dichloropropane	ND	1.0	5.0
1,3-Dichloropropane	ND	1.0	5.0	2,2-Dichloropropane	ND	1.0	5.0
1,1-Dichloropropene	ND	1.0	5.0	cis-1,3-Dichloropropene	ND	1.0	5.0
trans-1,3-Dichloropropene	ND	1.0	5.0	Diisopropyl ether (DIPE)	ND	1.0	5.0
Ethylbenzene	ND	1.0	5.0	Ethyl tert-butyl ether (ETBE)	ND	1.0	5.0
Hexachlorobutadiene	ND	1.0	5.0	2-Hexanone	ND	1.0	5.0
Iodomethane (Methyl iodide)	ND	1.0	50	Isopropylbenzene	ND	1.0	5.0
4-Isopropyi toluene	ND	1.0	5.0	Methyl-t-butyl ether (MTBE)	ND	1.0	5.0
Methylene chloride	ND	1.0	5.0	4-Methyl-2-pentanone (MIBK)	ND	1.0	5.0
Naphthalene	ND	1.0	5.0	n-Propyl benzene	ND	1.0	5.0
Styrene	ND	1.0	5.0	1,1,1,2-Tetrachloroethane	ND	1.0	5.0
1,1,2,2-Tetrachloroethane	ND	1.0	5.0	Tetrachloroethene	ND	1.0	5.0
Toluene	ND	1.0	5.0	1,2,3-Trichlorobenzene	ND	1.0	5.0
1,2,4-Trichlorobenzene	ND	1.0	5.0	1,1,1-Trichloroethane	ND	1.0	5.0
1,1,2-Trichloroethane	ND	1.0	5.0	Trichloroethene	ND	1.0	5.0
Trichlorofluoromethane	ND	1.0	5.0	1,2,3-Trichloropropane	ND	1.0	5.0
1,2,4-Trimethylbenzene	ND	1.0	5.0	1,3,5-Trimethylbenzene	ND	1.0	5.0
Vinyl Acetate	ND	1.0	50	Vinyl Chloride	ND	1.0	5.0
Xylenes	ND	1.0	5.0				
		Surr	ogate Re	coveries (%)	,		
%SS1:	90.9)		%SS2:	108		
%SS3:	115	1					

^{*} water and vapor samples and all TCLP & SPLP extracts are reported in μg/L, soil/sludge/solid samples in μg/kg, wipe samples in μg/wipe, product/oil/non-aqueous liquid samples 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 ~2 vol. % sediment; j) sample diluted due to high organic content.

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•	Date Sampled: 12/19/03
Laboratory	Date Received: 12/19/03
Contact: Don Ashton	Date Extracted: 12/21/03-12/23/03
P.O.:	Date Analyzed: 12/21/03-12/23/03
Ė	t Project ID: #70-04429.01; Former Laboratory t Contact: Don Ashton t P.O.:

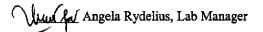
Volatiles Organics + Oxygenates by P&T and GC/MS (Basic Target List)*

Extraction Method:	Analytical Method: SW8260B	Work Order: 0312427
Lab ID	0312427-029B	
Client ID	Q-IW	
Matrix	Water	

Matrix	!			water			
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	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	1.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	- ND	1.0	0.5	sec-Butyl benzene	20	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
Hexachlorobutadiene	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Iodomethane (Methyl iodide)	ND	1.0	5.0	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	n-Propyl benzene	5.8	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 Acetate	ND	1.0	5.0	Vinyl Chloride	ИD	1.0	0.5
Xylenes	ND	1.0	0.5				
-	· · · · · · · · · · · · · · · · · · ·	Sur	rogate Re	ecoveries (%)	•		
%SS1:	112		 	%SS2:	101		

%SS3: 104

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



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

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Clayton Group Services	Client Project ID: #70-04429.01; Former	Date Sampled: 12/19/03
6920 Koll Center Parkway, Ste.216 Pleasanton, CA 94566	Quest Laboratory	Date Received: 12/19/03
	Client Contact: Don Ashton	Date Extracted: 12/21/03-12/23/03
	Client P.O.:	Date Analyzed: 12/21/03-12/23/03

	Chent P.O.	:		Da	te Analyzed: 12/21/03-1	.2/23/0)3
Volatile Extraction Method: SW5030B	es Organics + Ox		=	P&T and GC/MS (Basi	- .	Order: 0	312427
Lab ID	.		ary acar tvic	0312427-030B			31240
							•
Client ID				Q-2W			
Matrix				Water			
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	tert-Amyl methyl ether (TAM	(E) 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	1.0	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-chloropropan	e 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-DC)	A) 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		1.0	0.5
Hexachlorobutadiene	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Iodomethane (Methyl iodide)	ND	1.0	5.0	Isopropylbenzene	ND	1.0	0.5
4-Isopropyl toluene	ND	1.0	0.5	Methyl-t-butyl ether (MTBE		1.0	0.5
Methylene chloride	ND	1.0	0.5	4-Methyl-2-pentanone (MIB)		1.0	0.5
Naphthalene	ND	1.0	0.5	n-Propyl benzene	ND 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 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-Trientotopropane	ND	1.0	0.5
Vinyl Acetate	ND	1.0	5.0	Vinyl Chloride	ND	1.0	0.5
Xylenes	ND	1.0	0.5	- myr Chioriae	TAL)	1.0	<u></u>
713441103	145			coveries (%)	,		
0/001.	110		vgate Ke		100		
%SS1:	110			%SS2:	101		
%SS3:	110)				<u>:</u>	

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



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

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Clayton Group Services

Client Project ID: #70-04429.01; Former
Quest Laboratory

Date Sampled: 12/19/03

Date Received: 12/19/03

Client Contact: Don Ashton

Date Extracted: 12/21/03-12/23/03

Client P.O.:

Date Analyzed: 12/21/03-12/23/03

Volatiles Organics + Oxygenates by P&T and GC/MS (Basic Target List)*

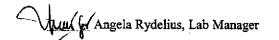
Extraction Method: SW 5030B Analytical Method: SW 8260B Work Order: 0312427

Lab ID		0312427-031A						
Client ID			·	Q-5W				
Matrix			·	Water				
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporti	
Acetone	ND	1.0	5.0	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	1.0	t-Butyl alcohol (TBA)	ND	1.0	5.0	
n Dutul hongono	NID	1.0	0.5	D	3.115	1.0	0.5	

2-Butanone (MEK)	ND	1.0	1.0	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
Hexachlorobutadiene	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Iodomethane (Methyl iodide)	ND	1.0	5.0	Isopropylbenzene	ND	1.0	0.5
4-Isopropyl toluene	ND	1.0	0.5	Methyl-t-butyl ether (MTBE)	ND	1.0	0.5

4-Isopropyl toluene	ND 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	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 Acetate	ND	1.0	5.0	Vinyl Chloride	ND	1.0	0.5
Xylenes	ND	1.0	0.5				
		Sur	rogate R	lecoveries (%)		,	

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



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

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 http://www.mccampbell.com E-mail: main@mccampbell.com

Clayton Group Services	Client Project ID: #70-04429.01; Former	Date Sampled: 12/19/03
Clayton Group Services 6920 Koll Center Parkway, Ste.216 Pleasanton, CA 94566	Quest Laboratory	Date Received: 12/19/03
	Client Contact: Don Ashton	Date Extracted: 12/21/03-12/23/03
6920 Koll Center Parkway, Ste.216	Client P.O.:	Date Analyzed: 12/21/03-12/23/03

Volatiles Organics + Oxygenates by P&T and GC/MS (Basic Target List)*

Extraction Method: 2 M 3030B	Analytical Method: SW8260B	Work Order: 0312427
Lab ID		
Client ID	Q-8W	

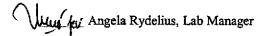
Matrix				Water			
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	1.0	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
Hexachlorobutadiene	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Iodomethane (Methyl iodide)	ND	1.0	5.0	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	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 Acetate	ND	1.0	5.0	Vinyl Chloride	ND	1.0	0.5
Xylenes	ND	1.0	0.5				
		Suri	rogate Re	coveries (%)			
%SS1:	107			%SS2:	103		
%SS3:	107	ı				- -	

Comments: i

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 ~2 vol. % sediment; j) sample diluted due to high organic content.



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

Clayton Group Services 6920 Koll Center Parkway, Ste.216 Pleasanton, CA 94566	Client Project ID: #70-04429.01; Former	Date Sampled: 12/19/03
	Quest Laboratory	Date Received: 12/19/03
	Client Contact: Don Ashton	Date Extracted: 12/19/03
11040411011, 021 7 7 7 000	Client P.O.:	Date Analyzed: 12/20/03

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270D Work Order: 0312427 Lab ID 0312427-007A Client ID Q-2 7.5-8'

Matrix				Soil			
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Anthracene	ND	1.0	0.33	Benzidine	ND	1.0	1.6
Benzoic Acid	ND	1.0	1.6	Benzo(a)anthracene	ND	1.0	0.33
Benzo(b)fluoranthene	ND	1.0	0.33	Benzo(k)fluoranthene	ND	1.0	0.33
Benzo(g,h,i)perylene	ND	1.0	0.33	Benzo(a)pyrene	ND	1.0	0.33
Benzyl Alcohol	ND	1.0	0.66	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	NĎ	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene .	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	2-Nitrophenol	ND	1.0	1.6
4-Nitrophenol	ND	1.0	0.33	Nitrobenzene	ND	1.0	1.6
N-Nitrosodiphenylamine	ND ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1,6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				
			ogate Re	ecoveries (%)			
%SS1:	77.4			%SS2:	79.		
%SS3:	72.:	5		%SS4:	73.	0	
%SS5:	77.0)		%SS6:	74.	1	

		` '	
%SS1:	77.4	%SS2:	79.2
%SS3:	72.5	%SS4:	73.0
%SS5:	77.0	%SS6:	74.1

Comments:

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

^{*} water 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/nonaqueous liquid samples in mg/L.

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

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

Clayton Group Services	Client Project ID: #70-04429.01; Former	Date Sampled: 12/19/03
6920 Koll Center Parkway, Ste.216	Quest Laboratory	Date Received: 12/19/03
	Client Contact: Don Ashton	Date Extracted: 12/19/03
6920 Koll Center Parkway,	Client P.O.:	Date Analyzed: 12/20/03

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C

Extraction Method: SW3550C		An	alytical Me	thod: SW8270D	Work	Order, 0	312427
Lab ID				0312427-013A			
Client ID				Q-3 11.5-12'			
Matrix				Soil			
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Anthracene	ND	1.0	0.33	Benzidine	ND	1.0	1.6
Benzoic Acid	ND	1.0	1.6	Benzo(a)anthracene	ND	1.0	0.33
Benzo(b)fluoranthene	ND	1.0	0.33	Benzo(k)fluoranthene	ND	1.0	0.33
Benzo(g,h,i)perylene	ND	1.0	0.33	Benzo(a)pyrene	ND	1.0	0.33
Benzyl Alcohol	ND	1.0	0.66	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2.6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	2-Nitrophenol	ND	1.0	1.6
4-Nitrophenol	ND	1.0	0.33	Nitrobenzene	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				, , , , , , ,
	- . '	Sur	rogate Re	coveries (%)			
%SS1:	75.2			%SS2:	79.2	2 .	
%SS3:	72.2			%SS4:	75.2		
%SS5:	77.3			%SS6:	74.9		
Comments:						W77	*

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

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

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

^{*} water 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/nonaqueous liquid samples in mg/L.

Clayton Group Services	Client Project ID: #70-04429.01; Former	Date Sampled: 12/19/03
6920 Koll Center Parkway,	Quest Laboratory	Date Received: 12/19/03
Ste.216 Pleasanton, CA 94566	Client Contact: Don Ashton	Date Extracted: 12/19/03
	Client P.O.:	Date Analyzed: 12/20/03

Semi-Volatile Organics by GC/MS (Basic Target List)*

 Extraction Method:
 SW3550C
 Analytical Method:
 SW8270D
 Work Order:
 0312427

 Lab ID
 0312427-015A
 O312427-015A
 O312

Matrix	ix Soil						
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Anthracene	ND	1.0	0.33	Benzidine	ND	1.0	1.6
Benzoic Acid	ND	1.0	1.6	Benzo(a)anthracene	ND	1.0	0.33
Benzo(b)fluoranthene	ND	1.0	0.33	Benzo(k)fluoranthene	ND	1.0	0.33
Benzo(g,h,i)perylene	ND	1.0	0.33	Benzo(a)pyrene	ND	1.0	0.33
Benzyl Alcohol	ND	1.0	0.66	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	2-Nitrophenol	ND	·1.0	1.6
4-Nitrophenol	ND	1.0	0.33	Nitrobenzene	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				
	<u> </u>	Surr	rogate Re	ecoveries (%)			
%SS1:	76.:	5		%SS2:	71.	5	
%SS1·	72.1			9/564.	73		

%SS1:	76.5	%SS2:	71.5
%SS3:			73.5
%SS5:	77.6	%SS6:	74.5

^{*} water 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.

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

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

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

Clayton Group Services

Client Project ID: #70-04429.01; Former Quest Laboratory

Date Sampled: 12/19/03

Date Received: 12/19/03

Client Contact: Don Ashton

Date Extracted: 12/19/03

Client P.O.:

Date Analyzed: 12/20/03

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C

Analytical Method: SW8270D

Work Order: 0312427

EXECUDE MICEEDA: 5W333GC	Analytical Mediod: 5W6270D			WORK	Order: U	312427	
Lab ID		0312427-020A					
Client ID				Q-5 12.5-13'			
Matrix				Soil			
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Anthracene	ND	1.0	0.33	Benzidine	ND	1.0	1.6
Benzoic Acid	ND	1.0	1.6	Benzo(a)anthracene	ND	1.0	0.33
Benzo(h)fluoranthene	ND	1.0	0.33	Benzo(k)fluoranthene	ND	1.0	0.22

Compound	Concentration *	DF	Limit	Compound Concentration		DF	Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Anthracene	ND	1.0	0.33	Benzidine	ND	1.0	1.6
Benzoic Acid	ND	1.0	1.6	Benzo(a)anthracene	ND	1.0	0.33
Benzo(b)fluoranthene	ND	1.0	0.33	Benzo(k)fluoranthene	ND	1.0	0.33
Benzo(g,h,i)perylene	ND	1.0	0.33	Benzo(a)pyrene	ND	1.0	0.33
Benzyl Alcohol	ND	1.0	0.66	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	2-Nitrophenol	ND	1.0	1.6
4-Nitrophenol	ND	1.0	0.33	Nitrobenzene	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Ругепе	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33		·		

richlorophenol ND 1.0 0.33

Surrogate Recoveries (%)

54175415 1755 1775 1775							
%SS1:	73.3	%SS2:	71.7				
%SS3:	71.2	%SS4:	74.5				
%SS5:	72.0	%\$\$6:	73.5				

^{*} water 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.

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

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

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

Clayton Group Services	Client Project ID: #70-04429.01; Former	Date Sampled: 12/19/03
6920 Koll Center Parkway, Ste.216 Pleasanton, CA 94566	Quest Laboratory	Date Received: 12/19/03
	Client Contact: Don Ashton	Date Extracted: 12/19/03
	Client P.O.:	Date Analyzed: 12/20/03

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270D Work Order: 0312427 Lab ID 0312427-022A Client ID Q-6 2.5-3'

Matrix				Soil			
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Anthracene	ND	1.0	0.33	Benzidine	ND	1.0	1.6
Benzoic Acid	ND	1.0	1.6	Benzo(a)anthracene	ND	1.0	0.33
Benzo(b)fluoranthene	ND	1.0	0.33	Benzo(k)fluoranthene	ND	1.0	0.33
Benzo(g,h,i)perylene	ND	1.0	0.33	Benzo(a)pyrene	ND	1.0	0.33
Benzyl Alcohol	ND	1.0	0.66	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzył Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	2-Nitrophenol	ND	1.0	1.6
4-Nitrophenol	ND	1.0	0.33	Nitrobenzene	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Рутепе	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				
		Sur	rogate Re	coveries (%)			
%SS1:	71.8	3		%SS2:	70.	6	
%SS3:	78.0			%SS4:	76.	6	
%SS5:	71.3	2		%SS6:	73.	8	

		` '	
%SS1:	71.8	%SS2:	70.6
%SS3:	78.0	%SS4:	76.6
%SS5:	71.2	%SS6:	73.8

^{*} water 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/nonaqueous liquid samples in mg/L.

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

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

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than -2 vol. % sediment; j) sample diluted due to high organic content.



110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 http://www.mccampbell.com E-mail: main@mccampbell.com

Clayton Group Services	Client Project ID: #70-04429.01; Former	Date Sampled: 12/19/03
6920 Koll Center Parkway, Ste.216 Pleasanton, CA 94566	Quest Laboratory	Date Received: 12/19/03
	Client Contact: Don Ashton	Date Extracted: 12/19/03
	Client P.O.:	Date Analyzed: 12/20/03

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270D Work Order: 0312427 Lab ID 0312427-023A Client ID Q-7 2.5-3'

Matrix		<u>-</u>		Soil			
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Anthracene	ND	1.0	0.33	Benzidine	ND	1.0	1.6
Benzoic Acid	ND	1.0	1.6	Benzo(a)anthracene	ND	1.0	0.33
Benzo(b)fluoranthene	ND	1.0	0.33	Benzo(k)fluoranthene	ND	1.0	0.33
Benzo(g,h,i)perylene	ND	1.0	0.33	Benzo(a)pyrene	ND	1.0	0.33
Benzyl Alcohol	ND	1.0	0.66	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	2-Nitrophenol	ND	1.0	1.6
4-Nitrophenol	ND	1.0	0.33	Nitrobenzene	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				·
		Sur	rogate Re	ecoveries (%)			
%SS1:	73.8	8		%SS2:	71.0	6	
%SS3:	71.6			%SS4:	76.		
0/ CC 5.	74.1			0/00/	75		

%SS1:	73.8	%SS2:	71.6
%SS3:	71.6	%SS4:	76.1
%SS5:	74.7	%SS6:	75.1

^{*} water 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/nonaqueous liquid samples in mg/L.

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

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

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



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Clayton Group Services

Client Project ID: #70-04429.01; Former
Quest Laboratory

Date Sampled: 12/19/03

Date Received: 12/19/03

Client Contact: Don Ashton

Date Extracted: 12/19/03

Client P.O.:

Date Analyzed: 12/22/03

		C	AM / CCR 17 Me	tals*							
	Lab ID	0312427-007A	0312427-013A	0312427-015A	0312427-020A	Reporting Lir					
	Client ID	Q-2 7.5-8'	Q-3 11.5-12 ¹	Q-4 8.5-9'	Q-5 12.5-13'	ND means above the re	not detected porting limit				
	Matrix	S	S	S	S	S	w				
	Extraction Type	TTLC	TTLC	TTLC	TTLC	mg/Kg	mg/L				
ICP Metals, Concentration* Analytical Method: 6010C Extraction Method: SW3050B Work Order: 0312427											
	Dilution Factor	1	1	1	1	1	1				
Antimony		ND	ND	ND	ND	5.0	NA				
Arsenic		6.9	8.0	10	6.6	5.0	NA				
Barium		110	110	100	97	1.5	NA				
Beryllium		ND	ND	ND	ND	1.5	NA				
Cadmium		ND	ND	ND	ND	1.5	NA				
Chromium		36	47	41	45	1.5	NA				
Cobalt		9.4	8.2	15	6.6	1.5	NA				
Copper		24	32	24	24	1.5	NA				
Lead		8.6	8.7	10	9.8	5.0	NA				
Molybdenum		ND	ND	ND	ND	1.5	NA				
Nickel		33	36	44	33	1.5	NA				
Selenium		ND	ND	ND	ND	5.0	NA				
Silver		ND	ND	ND	ND	1.5	NA				
Thallium		ND	ND	ND	ND	5.0	NA				
Vanadium		45	42	51	45	5.0	NA				
Zinc		49	65	49	57	5.0	NA				
%SS:		99.6	102	101	103						

Cold Vapor Metals, Concentration*										
Analytical Method: SW7471B Extraction Method: SW7471B										
Dilution Factor	1	1	1	1	1	1				
Mercury	ND	ND	ND		0.06	NA				
Comments										

^{*}water/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.

Analytical Methods: EPA 6010C/200.7 for all elements except: 200.9 (water/liquid-Sb, As, Pb, Se, Tl); 245.1 (Hg); 7010 (sludge/soil/solid/oil/product/wipe/filter - As, Se, Tl); 7471B (Hg).

i) liquid sample that contains greater than ~2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations; j) reporting limit raised due to insufficient sample amount; k) results are reported by dry weight; y) estimated values due to low surrogate recovery; z) reporting limit raised due to matrix interference.



[#] means surrogate recovery outside of acceptance range due to matrix interference; & means low or no surrogate due to matrix interference; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.



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Clayton Group Services		Date Sampled: 12/19/03
6920 Koll Center Parkway,	Quest Laboratory	Date Received: 12/19/03
Ste.216 Pleasanton, CA 94566	Client Contact: Don Ashton	Date Extracted: 12/19/03
2271000	Client P.O.:	Date Analyzed: 12/22/03

		Olivin 1 (O)			•			
		C	AM / CCR 17 Meta	ls*				
	Lab ID	0312427-022A	0312427-023A			Reporting Lin		
	Client ID	Q-6 2.5-3'	Q-7 2.5-3'			ND means a above the re	not detected porting limit	
	Matrix	S	S			S	w	
	Extraction Type	TTLC	TTLC			mg/Kg	mg/L	
ICP Metals, Concentration* Analytical Method: 6010C Extraction Method: SW3050B Work Order: 0312427								
	Dilution Factor	1	l			1	1	
Antimony		ND	ND			5.0	NA	
Arsenic		8.4	11			5.0	NA	
Barium		130	120			1.5	NA	
Beryllium		ND	ND			1.5	NA	
Cadmium		ND	ND			1.5	NA	
Chromium		44	46			1.5	NA	
Cobalt		26	13			1.5	NA	
Соррег		27	31			1.5	NA	
Lead		10	16			5.0	NA	
Molybdenum		ND	ND			1.5	NA	
Nickel		37	44			1.5	NA	
Selenium		ND	ND			5.0	NA	
Silver		ND	ND			1.5	NA	
Thallium		ND	ND			5.0	NA	
Vanadium		60	48			5.0	NA	
Zinc		63	71			5.0	NA	
%SS:		95.2	98.2				,	

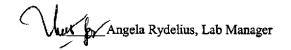
Cold Vapor Metals, Concentration*									
Analytical Method: SW7471B	Ex	traction Method: SW7471	1B						
Dilution Factor	1	l l		1	1				
Mercury	ND	ND		0.06	NA				
Comments									

*water/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 recovery outside of acceptance range due to matrix interference; & means low or no surrogate due to matrix interference; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

Analytical Methods: EPA 6010C/200.7 for all elements except: 200.9 (water/liquid-Sb, As, Pb, Se, Tl); 245.1 (Hg); 7010 (sludge/soil/solid/oil/product/wipe/filter - As, Sc, T1); 7471B (Hg).

i) liquid sample that contains greater than ~2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations; j) reporting limit raised due to insufficient sample amount; k) results are reported by dry weight; y) estimated values due to low surrogate recovery; z) reporting limit raised due to matrix interference.





110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 http://www.mccampbell.com E-mail: main@mccampbell.com

Clayton Group Services 6920 Koll Center Parkway, Ste.216 Pleasanton, CA 94566	Client Project ID: #70-04429.01; Former	Date Sampled: 12/19/03
	Quest Laboratory	Date Received: 12/19/03
	Client Contact: Don Ashton	Date Extracted: 12/19/03
	Client P.O.:	Date Analyzed: 12/22/03-12/23/03

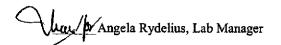
	Chem 1.0		•								
	C	CAM / CCR 17 Me	tals*		•						
Lab ID	0312427-030C	0312427-031B	0312427-0321	B Reporting Lin	nit for DF ≈1;						
Client ID	Q-2W	Q-5W	Q-8W	ND means i	not detected porting limit						
Matrix	W	W	W	S	w						
Extraction Type	DISS.	DISS.	DISS.	mg/kg	mg/L						
Analytical Method: E200.7	With Officer of Experience of the Control of										
Dilution Factor	1	1	1	1	1						
Barium	0.080	0.091	0.10	NA NA	0.005						
Beryllium	ND	ND	ND	NA NA	0.005						
Cadmium	ND	ND	ND	NA NA	0.005						
Chromium	ND	ND	ND	NA	0.005						
Cobalt	ND	ND	ND	NA NA	0.005						
Copper	ND	ND	ND	NA NA	0.005						
Molybdenum	ND	ND	ND	NA	0.005						
Nickel	0.0076	ND	ND	NA NA	0.005						
Silver	ND	ND	ND	NA NA	0.005						
Vanadium	ND	ND	ND	NA NA	0.02						
Zinc	ND	. ND	ND	NA NA	0.02						
%SS:	N/A	N/A	N/A								
	GFA	A Metals, Concen	tration*								
Analytical Method: E200.9		raction Method: E200.9									
Dilution Factor	1	1	1	1	1						
Antimony	ND	ND	ND	l NA	0.006						
Arsenic	ND	ND	ND	NA NA	0.005						
Lead	ND	ND	ND	NA NA	0.005						
Selenium	ND	ND	ND	NA NA	0.005						
Thallium	ND	ND	ND	NA NA	0.005						
Analytical Method: E245.1		apor Metals, Conc raction Method: E245.1	entration*								
Dílution Factor	11	1	1	1 1	1						
Мегсигу	ND	ND ·	ND	NA NA	8000.0						
Comments		i	i								

*water/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 recovery outside of acceptance range due to matrix interference; & means low or no surrogate due to matrix interference; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

Analytical Methods: EPA 6010C/200.7 for all elements except: 200.9 (water/liquid-Sb, As, Pb, Se, Tl); 245.1 (Hg); 7010 (sludge/soil/solid/oil/product/wipe/filter - As, Se, Tl); 7471B (Hg).

i) liquid sample that contains greater than ~2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations; j) reporting limit raised due to insufficient sample amount; k) results are reported by dry weight; y) estimated values due to low surrogate recovery; z) reporting limit raised due to matrix interference.



McCamp	pbell Analytic	eal Inc.	Telep	Avenue South, #D7, Pacheco, C phone: 925-798-1620 Fax: 92 mccampbell.com E-mail: maint	5-798-1622	
Clayton Group Ser	rvices	Client Project ID: #70-0	4429.01; Former	Date Sampled: 12	/19/03	
6920 Koll Center l	Parkway,	Quest Laboratory		Date Received: 12	/19/03	
Ste.216 Pleasanton, CA 94	566	Client Contact: Don Ash	ton	Date Extracted: 12	/23/03	
Trousanton, Cri y-		Client P.O.:		Date Analyzed: 12	/24/03-12/29/03	
Analytical Method: SW90	045C	p	H*		Work Order: 031242	
Lab ID	Client ID	Matrix		pН	<u> </u>	
0312427-007A	Q-2 7.5-8'	s		7.22 @ 21.3°C		
0312427-015A	Q-4 8.5-9'	S		7.01 @ 22.1°C		
0312427-019A	Q-5 8.5-9	S		7.43 @ 21.6°C		
0312427-030D	Q-2W	w		6.97 @ 15.7 °C		
0312427-031C	Q-5W	w		7.11 @ 17.6 °C		
	·					
				·		
			·			
	-				· · · · · · · · · · · · · · · · · · ·	
	·					
		w		±0.05, pH units @ °C		
Method Accurac	y and Reporting Un	nits				

S

±0.1, pH units @ °C

QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: S

WorkOrder: 0312427

EPA Method: SW8021B/80	15Cm I	Extraction:	SW5030E	3	BatchID: 9801 Spiked Sample ID: 0312421-010/					
	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Ассерtалсе	Criteria (%)
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(btex) [£]	ND	0.60	108	107	1.17	111	107	3.44	70	130
МТВЕ	ND	0.10	85.6	87.4	2.12	88.7	86.5	2.42	70	130
Benzene	ND	0.10	102	106	3.72	103	101	1.78	70	130
Toluene	ND	0.10	89.5	92.8	3.60	89.8	86.9	3.25	70	130
Ethylbenzene	ND	0.10	105	109	3.78	106	104	1.75	70	130
Xylenes	ND	0.30	96	100	4.08	96.3	96	0.347	70	130
%SS:	103	100	107	106	0.939	106	100	5.83	70	130

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

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 and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

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

[#] duttered chromatogram; sample peak coelutes with surrogate peak.

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.

WorkOrder: 0312427

QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: W

				101010101	- 1						
EPA Method: SW80	Extraction:	SW5030E	SW5030B BatchID: 9887			S	Spiked Sample ID: 0401007-001A				
<u> </u>	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance	Criteria (%)	
	µg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High	
TPH(btex) [£]	ND	60	104	105	0.959	91.1	90.6	0.572	70	130	
MTBE	ND	10	98	104	5.93	117	107	9.25	70	130	
Benzene	ND	10	111	115	3.40	103	102	0.760	70	130	
Toluene	ND	10	107	110	3.19	106	108	1.98	70	130	
Ethylbenzene	ND	10	111	117	4.88	107	110	2.50	70	130	
Xylenes	ND	30	107	110	3.08	110	110	0	70	130	
%SS:	103	100	102	105	2.76	108	110	1.13	70	130	

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

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 and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

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

[#] cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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.

106

1.50

70

130

WorkOrder: 0312427

QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: W

BatchiD: 9804 Spiked Sample ID: 0312422-007A EPA Method: SW8021B/8015Cm SW5030B Extraction: LCSD LCS LCS-LCSD Acceptance Criteria (%) MS* MSD* MS-MSD Sample Spiked % Rec. % RPD % Rec. % Rec. % RPD Law High μg/L μg/L % Rec. TPH(btex)£ 70 130 214.40 60 NR NR NR 94.6 3.87 MTBE 10 94.5 70 130 11.16 74.4 79.5 2.72 100 5.64 Benzene ND 10 100 99.5 0.560 103 107 4.36 70 130 10 Toluene 228.50 NR NR NR 106 110 4.33 70 130 Ethylbenzene ND 10 0 107 70 130 111 111 111 3.48 Xylenes ND 30 113 110 2.99 110 2.99 70 130 113 %SS:

109

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

NONE

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

92.4

100

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

MS and I or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

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

[#] cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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

QC SUMMARY REPORT FOR SW8015C

Matrix: S

WorkOrder: 0312427

EPA Method: SW8015C	Extraction: SW3550C			BatchID:	9805	s	Spiked Sample ID: 0312427-007A			
	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance	Criteria (%)
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(d)	ND	150	103	-102	1.42	102	102	0	70	130
%SS:	94.0	100	109	108	0.971	113	113	0	70	130

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

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 and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with 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.

QC SUMMARY REPORT FOR SW8015C

Matrix: W

10/0	-1-2	\-	er (724	24	7
vvn	ITKI	Tro.	Pr I	1.57	/4	

EPA Method: SW8015C	E	Extraction: SW3510C			BatchID:	9798	Spiked Sample ID: N/A				
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance	Criteria (%)	
	µg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High	
TPH(d)	N/A	7500	N/A	N/A	N/A	113	102	10.7	70	130	
%SS:	N/A	100	N/A	N/A	N/A	121	106	14.0	70	130	

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

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 and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with 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.

QC SUMMARY REPORT FOR SW8015C

Matrix: W

WorkOrder: 0312427

EPA Method: SW8015C	Ę	Extraction: SW3510C				9885	Spiked Sample ID: N/A				
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance	Criteria (%)	
	µg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High	
TPH(d)	N/A	7500	N/A	N/A	N/A	120	122	1.71	70	130	
%SS:	N/A	100	N/A	N/A	N/A	106	106	0	70	130	

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

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 and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with 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.

QC SUMMARY REPORT FOR SW8015C

Matrix: S

WorkOrder: 0312427

EPA Method: SW8015C	E	Extraction:	SW35500	2	BatchID:	9786	s	piked Sampl	e ID: 03123	94-004A
	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance	Criteria (%)
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(d)	ND	150	103	104	1.21	99.8	97.5	2.31	70	130
%SS:	103	100	109	109	0	109	106	2.37	70	130

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

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 and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with 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.

QC SUMMARY REPORT FOR SW8260B

Matrix: S

WorkOrder: 0312427

EPA Method: SW8260B	E	xtraction:	SW5030E	3	BatchID:	9780	s	piked Sampl	e ID: 03123	90-004A
	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance	Criteria (%)
	μg/Kg	μg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
tert-Amyl methyl ether (TAME)	ND	50	88.5	87.8	0.749	90.7	92.5	1.95	70	130
Benzene	ND	50	114	112	1.94	113	114	0.903	70	130
t-Butyl alcohol (TBA)	ND	250	106	99.5	6.10	109	113	3.60	70	130
Chlorobenzene	ND	50	105	105	0	107	109	1.94	70	130
1,1-Dichloroethene	ND	50	91.8	88.9	3.28	95.7	93.4	2.43	70	130
Diisopropyl ether (DIPE)	ND	50	121	120	0.827	120	121	0.878	70	130
Ethyl tert-butyl ether (ETBE)	ND	50	104	103	0.727	105	105	0	70	130
Methyl-t-butyl ether (MTBE)	ND	50	114	112	1.64	113	114	0.41i	70	130
Toluene	ND	50	117	120	2.03	123	126	2.42	70	130
Trichloroethene	ND	50	97.5	96	1.57	101	-100	1.11	70	130
%SS1:	95.4	100	95.1	93.5	1.71	96.4	95	1.55	70	130
%SS2:	96.7	100	93.8	95.6	1.84	96.2	97	0.867	70	130
%SS3:	105	100	101	99.7	1.39	98.7	95.2	3.59	70	130

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

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 and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with 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.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

QC SUMMARY REPORT FOR SW8260B

Matrix: W

WorkOrder: 0312427

EPA Method: SW8260B	E	Extraction:	SW50308	3	BatchID:	9803	s	piked Sampl	le ID: 03124	22-001B
	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance	Criteria (%)
	μg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
tert-Amyl methyl ether (TAME)	ND<10	10	NR	NR	NR	91.6	87.6	4.46	70	130
Benzene	110.50	10	NR	NR	NR	116	112	4.03	70	130
t-Butyl alcohol (TBA)	108.50	50	NR	NR	NR	109	106	3.22	70	130
Chlorobenzene	ND	10	103	102	1.02	103	105	1.81	70	130
1,1-Dichloroethene	ND	01	78.4	83.2	5.93	91.6	88.9	3.06	70	130
Diisopropyl ether (DIPE)	ND<10	10	115	123	5.99	123	118	3.48	70	130
Ethyl tert-butyl ether (ETBE)	ND<10	10	103	108	5.30	107	103	3.77	70	130
Methyl-t-butyl ether (MTBE)	200.00	10	NR	NR	NR	115	111	3.66	70	130
Toluene	ND	10	119	121	1.78	119	120	0.210	70	130
Trichloroethene	ND	10	94.2	99.1	5.12	99.9	96.9	3.07	70	130
%SS1:	99.0	100	97.1	100	3.28	99.7	95.2	4.64	70	130
%SS2:	98.6	100	92.4	94	1.72	95.3	95.4	0.103	70	130
%SS3:	101	100	104	102	1.94	97.8	97.4	0.366	70	130

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

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 and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if. a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with 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.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

QC SUMMARY REPORT FOR SW8270D

Matrix: S

WorkOrder: 0312427

EPA Method: SW8270D	<u> </u>	xtraction:	SW35500	2	BatchID:	9782	s	piked Sampi	e ID: 03123	90-002A
:	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance	Criteria (%)
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
Acenaphthene	ND	2	80.4	79.9	0.549	64.7	64.5	0.248	30	130
4-Chloro-3-methylphenol	ND	4	97.3	98.3	1.02	73	71.1	2.60	30	130
2-Chiorophenol	ND	4	98.1	96.1	2.04	77.9	77	1.15	30	130
1,4-Dichlorobenzene	ND	2	89.1	89.6	0.582	76.6	77.6	1.27	30	130
2,4-Dinitrotoluene	ND	2	75.8	77.1	1.65	68.8	67.2	2.37	30	130
4-Nitrophenol	ND	4	72.4	71	1.96	69.5	66.9	3.75	30	130
N-Nitrosodi-n-propylamine	ND	2	93.6	90.8	3.09	80.7	82	1.56	30	130
Pentachlorophenol	ND	4	79.8	77.2	3.24	64.3	64.2	0.0700	30	130
Phenol	ND	4	104	103	1.46	80.2	78.6	1.96	30	130
Pyrene	ND	2	85	84.4	0.791	66.3	·70.2	5.73	30	130
1,2,4-Trichlorobenzene	ND	2	105	104	0.565	81.9	81.7	0.269	30	130
%SS1:	94.8	100	103	99.5	3.06	101	100	0.770	30	130
%SS2:	85.2	100	110	106	3.63	109	107	1.79	30	130
%SS3:	92.0	100	99.2	98.3	0.984	104	103	0.219	30	130
%SS4:	83.1	100	88.2	87.6	0.634	101	101	0	30	130
%SS5:	70.5	100	80.7	78.1	3.32	105	101	3.54	30	130
%SS6:	72.9	100	75.7	75	0.909	105	111	5.13	30	130

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

MS = Matrix Spike; MSD = Matrix Spike Dupticate; 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 and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with 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.

[&]amp; = low or no surrogate due to matrix interference.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

QC SUMMARY REPORT FOR CAM 17 Metals

Matrix: S

WorkOrder: 0312427

Compound	Spiked	LCS	LCSD	LCS-LCSD	Acceptance	Criteria (%)
Compound	mg/Kg	% Rec.	% Rec.	% RPD	Low	High
EPA Method: 6010C	Extraction: S\	N3050B	BatchiD: 9	787	Spiked Sample ID:	N/A
Antimony	50	85.7	87	1.45	80	120
Arsenic	50	114	114	0	80	120
Barium	50	103	107	4.33	80	120
Beryllium	50	106	110	3.88	80	120
Cadmium	50	101	104	2.48	80	120
Chromium	50	107	108	1.11	80	120
Cobalt	50	105	109	3.68	80	120
Copper	50	113	117	3.52	80	120
Lead	50	111	112	1.12	80	120
Molybdenum	50	101	102	1.43	80	120
Nickel	50	109	106	2.93	80	120
Selenium	50	110	112	2.34	80	120
Silver	5	99.2	100	0.854	80	120
Thallium	50	103	104	1.93	80	120
Vanadium	50	103	107	3.44	80	120
Zinc	50	117	118	0.510	80	120
%SS:	100	104	105	0.959	80	120
EPA Method: SW7471B	Extraction: SI	N7471B	BatchID: 9	788	Spiked Sample ID:	N/A

EPA Method: SW7471B	Extraction: S	W7471B	BatchID: §	9788	Spiked Sample ID:	N/A
Mercury	0.25	103	97.4	5.69	80	120

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

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 and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with 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 content.

QC SUMMARY REPORT FOR CAM 17 Metals

Matrix: W

WorkOrder: 0312427

Compound	Spiked	LCS	LCSD	LCS-LCSD	Acceptance	Criteria (%)
Compound	mg/L	% Rec.	% Rec.	% RPD	Low	High
EPA Method: E200.7	Extraction: E2	200.7	BatchID:	9757	Spiked Sample ID:	N/A
Barium	1	105	107	2.46	80	120
Beryllium	1	108	110	2.20	80	120
Cadmium	1	106	112	5.58	80	120
Chromium	1	106	109	2.70	80	120
Cobalt	1	103	104	0.869	80	120
Copper	1	107	110	2.77	80	120
Molybdenum	1	97.7	101	3.75	80	120
Nickel	1	105	108	3.18	80	120
Silver	0.10	104	104	0	80	120
Vanadium	1	104	108	3.96	80	120
Zinc	1	102	104	2.23	80	120
EPA Method: E200.9	Extraction: E2	200.9	BatchID:	9747	Spiked Sample ID:	N/A
Antimony	0.010	80.4	87	7.89	80	120
Arsenic	0.010	97.6	93.4	4.48	80	120
Lead	0.010	99.6	113	12.4	70	130
Selenium	0.010	94.6	92.8	1.89	80	120
Thallium	0.010	86.7	103	17.0	70	130
EPA Method: E245.1	Extraction: E2	245.1	BatchID:	9749	Spiked Sample ID:	N/A
Мегсигу	0.0020	105	98.5	6.25	80	120

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 and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with 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 content.

QC SUMMARY REPORT FOR WET CHEMISTRY TESTS

Test Method:

Matrix: S

WorkOrder: 0312427

Method Name: S	W9045C		Units: ±, pH u	nits @ °C		BatchID: 9841		
SampleID	<u> </u>		Dup / Ser. Dil.	DF	RD	Acceptance Criteria		
0312427-007A	7.22	1	7.21	1	0.010	±0.2		
0312427-015A	7.01	1	7.02	1	0.010	±0.2		
0312427-019A			7.44	1	0.010	±0.2		

Test Method:

Matrix: W

WorkOrder: 0312427

Method Name: S	M4500H+B		Units: ±, pH u		BatchiD: 9827		
SampleID Sample		DF	Dup / Ser. Dil.	DF	RD	Acceptance Criteria	
0312427-030D	6.97	1	6.96	1	0.010	±0.2	
0312427-031C	7.11	1	7.09	1	0.020	±0.2	

CHAIN-OF-CUSTODY RECORD

Page I of 1

110 Second Avenue South, #D7 Pacheco, CA 94553-5560 (925) 798-1620

WorkOrder: 0312427

Report to:

Don Ashton

Clayton Group Services

6920 Koll Center Parkway, Ste.216

Pleasanton, CA 94566

TEL: FAX: (925) 426-2600

(925) 426-0106

ProjectNo: #70-04429.01; Former Quest Laboratory

PO:

Bill to:

Requested TAT:

Date Received:

5 days

Joan Miller

Clayton Group Services

6920 Koll Center Pkwy, Ste. 216

Pleasanton, CA 94566 Date Printed:

12/19/03

ted: 12/23/03

•									F	tequest	ed Test	s (See le	egend b	elow)			*		
Sample ID	ClientSampID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0312427-001	Q-1 3 1/2 -4'	Soil	12/19/03 11:30:00	✓	Α					Α		<u> </u>							T
0312427-002	Q-1 7 1/2 -8'	Soil	12/19/03 11:40:00		Α					Α				į					
0312427-003	Q-1 11.5-12'	Soil	12/19/03 11:50:00		Α					Α							Ì		
0312427-004	Q-1 15.5-16'	Soil	12/19/03 12:00:00	V	Α					Α		i							
0312427-005	Q-1 19.5-20'	Soil	12/19/03 12:15:00		Α					Α]								
0312427-006	Q-2 3.5-4'	Soll	12/19/03 8:00:00	V	Α					Α									1
0312427-007	Q-2 7.5-8'	Soil	12/19/03 8:05:00		Α		Α		Α	Α		Α							
0312427-008	Q-2 11.5-12'	Soil	12/19/03 8:10:00		Α					Α									
0312427-009	Q-2 15.5-16'	Soil	12/19/03 8:15:00	V	Α					Α									
0312427-010	Q-2 19.5-20'	Soil	12/19/03 8:20:00	V	A					Α									T
0312427-011	Q-3 3.5-4'	Soil	12/19/03 9:05:00	V	Α			1		Α									
0312427-012	Q-3 7.5-8'	Soil	12/19/03 9:14:00	✓	Α					Α									
0312427-013	Q-3 11.5-12'	Soil	12/19/03 9:25:00		Α		Α		Α										
0312427-014	Q-4 4.5-5'	Soil	12/19/03	V	Α					Α]								
0312427-015	Q-4 8.5-9'	Soil	12/19/03	<u> [</u>	Α		Α		Α			Α		T					

Test Legend:

1	8260B+OXYS_S
6	G-MBTEX_S
11	

2	8260B+OXYS_W
7	G-MBTEX_W
12	

3	8270D_S	
8	PH_S	
[13]		

4	CAM17(D)_W
9	PH_W
14	

5	CAM17_S	
10		_
15		_

Prepared by: Elisa Venegas

Comments:

CHAIN-OF-CUSTODY RECORD

of 1

110 Second Avenue South, #D7 Pacheco, CA 94553-5560 (925) 798-1620

WorkOrder: 0312427

Report to:

Don Ashton

Clayton Group Services

6920 Koll Center Parkway, Ste.216

Pleasanton, CA 94566

TEL:

(925) 426-2600

FAX:

PO:

(925) 426-0106

ProjectNo: #70-04429.01; Former Quest Laboratory

Bill to:

Requested TAT:

5 days

Joan Miller

Clayton Group Services

6920 Koll Center Pkwy, Ste. 216

Date Received:

12/19/03 12/23/03

Pleasanton, CA 94566 Date Printed:

Sample ID		Requested Tests (See legend below)																			
	ClientSampID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
0312427-016	Q-5 2.5-3'	Soil	12/19/03 10:10:00	V	A]				Α						T	1	pr-12 - mr 1			
0312427-017	Q-5 4.5-5'	Soil	12/19/03 10:20:00		Α	1				Α											
0312427-018	Q-5 6.5-7'	Soil	12/19/03 10:30:00	V	Α					Α											
0312427-019	Q-5 8.5-9'	Soil	12/19/03 10:40:00									Α		1							
0312427-020	Q-5 12.5-13'	Soil	12/19/03 10:45:00		Α		Α		Α]						\top		
0312427-021	Q-5 16.5-17'	Soil	12/19/03 11:00:00		Α					Α			Ī <u>-</u>								
0312427-022	Q-6 2.5-3'	Soil	12/19/03 12:15:00		Α		Α		Α												
0312427-023	Q-7 2.5-3'	Soil	12/19/03 2:30:00		Α		Α.		Α												
0312427-024	Q-8 3.5-4'	Soil	12/19/03 12:55:00	V	Α					Α											
0312427-025	Q-8 7.5-8'	Soil	12/19/03 1:30:00	Y	Α					Α				1							
0312427-026	Q-8 11.5-12'	Soil	12/19/03 1:45:00	V	Α					Α		1									
0312427-027	Q-8 15,5-16'	Soil	12/19/03 1:50:00	V	Α					Α									\Box		
0312427-028	Q-8 19.5-20'	Soil	12/19/03 2:00:00	V	Α					Α				1		1					
0312427-029	Q-1W	Water	12/19/03 12:00:00			В					Α										
0312427-030	Q-2W	Water	12/19/03 2:00:00			В		С			Α		D						\top		

Test Legend:

1	8260B+OXYS_S
6	G-MBTEX_S
11	

2	8260B+OXYS_W
7	G-MBTEX_W
12	

3	8270D_S	
8	PH_S	
13		

4	CAM17(D)_W
9	PH_W
14	

5	CAM17_S	
10		
15		

Prepared by: Elisa Venegas

Comments:

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

A

110 Second Avenue South, #D7 Pacheco, CA 94553-5560 (925) 798-1620

WorkOrder: 0312427

Report to:

Don Ashton

Clayton Group Services

6920 Koll Center Parkway, Ste.216

Pleasanton, CA 94566

TEL: FAX: (925) 426-2600

(925) 426-0106

ProjectNo: #70-04429.01; Former Quest Laboratory

PO:

Bill to:

Requested TAT:

5 days

Joan Miller

Clayton Group Services

6920 Koll Center Pkwy, Ste. 216

Date Received:

12/19/03

Pleasanton, CA 94566

Date Printed:

12/23/03

Requested Tests (See legend below)																						
Sample ID	ClientSamplD	Matrix	Collection Date	Hold	1	2	3	4		5	•	6	7	 8	9	10	11	1:	2	13	14	15
0312427-031	Q-5W	Water	12/19/03 10:10:00			Α		В							С		1					
0312427-032	Q-8W	Water	12/19/03			Α		В														

Test Legend:

1	8260B+OXYS_S
6	G-MBTEX_S
11	

2	8260B+OXYS_W
7	G-MBTEX_W
12	

3	8270D_\$
8	PH_S
13	

4	CAM17(D)_W
9	PH_W
14	

5	CAM17_S
10	
15	

Prepared by: Elisa Venegas

Comments:

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

110 Second Avenue South, #D7 Pacheco, CA 94553-5560 (925) 798-1620

WorkOrder: 0312427

Report to:

Don Ashton

Clayton Group Services

6920 Koll Center Parkway, Ste.216

Pleasanton, CA 94566

TEL: FAX:

(925) 426-2600

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ProjectNo: #70-04429.01; Former Quest Laboratory

PO:

Bill to:

Joan Miller

Clayton Group Services

6920 Koll Center Pkwy, Ste. 216

Pleasanton, CA 94566

Requested TAT:

5 days

Date Received:

12/19/03

Date Add-On:

12/31/03

Date Printed:

12/31/03

			 -		Requested Tests (See legend below)														
Sample ID	ClientSampID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0312427-031	Q-5W	Water	12/19/03 10:10:00		D	D		1								,,			L
0312427-032	Q-8W	Water	12/19/03		С	С												<u> </u>	

Test Legend:

1	G-MBTEX_W
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2	TPH(DMO)_W
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4	
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	5			
	10			
[15	 	 	

Prepared by: Elisa Venegas

Comments:

Multi range added 12/31 on a 48 hr rush for 031+032



03/2427



CHAIN OF CUSTODY

Page 1 of 4

Lab: Mc CAMPBELL

TAT: 571)

												<u>-2.12</u>						
Report results to: Name Company Mailing Address City, State, Zip Telephone No. Fax No.	pany Clayton Group Services ng Address 6920 Koll Center Parkway, Ste. 216 State, Zip Pleasanton, California 94566 phone No. (925) 426-2600						Analyses Requested					Project Information Project No. 70-04429.01 Name Former Overt Laboratory Location 6511 Golden Gate Dr. Dublin, CH						
Special instructions and/or s	Date	(Time)	E.Matrix/		TPH- Multiscan	10C+CXXCANBIAS	5106 - 827	Com-17	h added 12/12 pg. fox		HOLD	Sample Condition/Comments						
Sample Identification Q - 3½-4' Q - 7½-8' Q - 11.5-12' Q - 15.5-16' Q - 19.5-76'	\$3mpled 12/11/03 12/19/03 12/19/03	1130 1140 1150 1206	Media	Conts	X	X					\X \X\	-3MMLYBE clay, Not SAND						
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										•	H	GOOD CONDITION HEAD SPACE ABSENT DECHLORINATED IN LAB PRESERVED IN LAB PRESERVATION OAG METALS OTHER						



CHAIN OF CUSTODY

Page 2 of 1.

Lab: Mc Compbell

TAT: STD

Report results to: Name Company Mailing Address City, State, Zip Telephone No. Fax No.	Don Ashton Clayton Group Services 6920 Koll Center Parkway, Ste. 216 Pleasanton, California 94566					Analyses Requested							Project Information Project No. 70-04427.01 Name Former Quest Laboratory Location 6.511 Golden Gate Dr. Dublin, CA						
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Method of Shipment:							ţ	Samı	ole Cor	nditio	n or	ı Rcı	ot:						



Page 3 of \$\\ Lab: McCompbell

TAT: \(\S \, \TD \)

Report results to: Name Company Mailing Address City, State, Zip Telephone No. Fax No.	6920 Pleasa (925) 4	shton n Group Servic Koll Center Parl anton, Californi 126-2600 126-0106	kway, Ste. 2	16 	8260	<i>,</i>	\naly	yses R	lequi	ested		Pr Na	ojec ame	tot Information ot No. 70-04429.01 Former Quest Late tion 6571 Golden Gate Dublin, CA	ρ_{ν}	(
Special instructions and/or s	pacific regi	ułatory requiremen	ts:	100	こしたになってなる	100 - 6270	417			added 12th stat			3 -		ative]
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Method of Shipmen	t:	·					Sa	mple	Cond	dition	on R	tcpt:				_



Page 4 of 9.

Lab: Mc Conjetell

TAT: STD

																Т	AT:	<u> </u>	<u> </u>			
Report results to: Name Company Mailing Address City, State, Zip Telephone No. Fax No.	6920 Koll	Group Serv Center Pa on, Califorr G-2600	rkway, S					ınaly	/ses l	Requ	estec	ci r r	P N	roje Iam	ject Infor ect No. ne ation	70-	1 Gre	vesto	Parker Garter	to y		
Special instructions and/or s	pecific regulato	ory requireme	nts:																			
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Method of Shipment:	•						-	San	nple C	ondi	tion	on R	cpt:	_								



Page 5 of 5.

Lab: M. Compbell

TAT: 5 D

	Report results to: Name Company Mailing Address City, State, Zip Telephone No. Fax No.	6920 Kol	Group Serv I Center Pa on, Califorr 5-2600	rkway, Ste.	216	20,00	Y CROWN TORS	Ā	\nai	vses	s Re	ques	ted		Pro Na	oject bject N me cation		_70	<i>,</i> Q.	1429 set 4 Golden	bor			
카(+ 나(Special instructions and/or special instructions and in		ory requireme	Matrix/ Media Warter	Ng a Sonts	XX TPH-MUTI-SCAN	XXXX VOC 8260 +68	SVOC 8270	XXX Scenit	XXX CEERSON			Total state			2 a 2 a 2 l	mple (mbr hbr hubr hubr hubr	3 Vo 3 Vo 3 Vo 3 Vo 3 Vo	As As,	1 plas		Preservative		
	Collected by: Relinquished by: Relinquished by: Method of Shipment:	Nisser N Net 1	Toch Pres	Date/Time Date/Time Date/Time			200	5	Rec Rec	eive eive	ed b	•		<u> </u>	ot:	is	Dv V	C-	Dá	ite/Time			1702 2013 V	<i>.)</i>

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CHAIN OF CUSTODY

Page 5 of 5.
Lab: Mc Compbell
TAT: 5 D

Report results to:	
Name Don Ashton Project Information	•
Company Clayton Group Services an Project No. 22	0-04429.01
mailing Address 6920 Koll Center Parkway, Ste. 216	
City, State, Zip Pleasanton, California 94566	my Quest Cabact
reference No. (925) 426-2600 5 3	511 Golden Grote
Fax No. (925) 426-0106 Analyses Requested	Dubl- En
Special instructions and/or specific regulatory requirements:	.
Date Matthewayer Condition Camples Samples Sample Conditions	tion/Comments
(3-1W 12/19/03 1200 Water 5 XX 2 amber, 3 V	OAS
+ Q-2W / 200 6 XX XX 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1045, 1 plastiz
CONTRACTOR OF THE PROPERTY OF	ons I plastic
-+101e 3 1 Amer, 3	VOAS, I'plastic
Collected by: 1650 Net Date/Time 12/19/63 Collector's Signature: 19/91501	Date/Time 12/19/03 1700
Della mileta de la Companya del Companya de la Companya del Companya de la Compan	
Refinguished by: Date/Time 12/19/03 2000 Received by: Refinguished by: Date/Time Received by: Method of Shipment: Sample Condition on Book	Date/Time 12/19 20:3U
	Date/Time



110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 Website: www.mccampbell.com E-mail: main@mccampbell.com

Clayton Group Services	Client Project ID: #70-04429.01;	Date Sampled: 01/22/04
6920 Koll Center Pkwy, Ste.216	Additional Sampling	Date Received: 01/23/04
Pleasanton, CA 94566	Client Contact: Don Ashton	Date Reported: 02/02/04
Troubanton, Cri 94500	Client P.O.:	Date Completed: 02/02/04

WorkOrder: 0401273

February 02, 2004

Dear Don:

Enclosed are:

- 1). the results of 9 analyzed samples from your #70-04429.01; Additional Sampling 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.

Angela Rydelius, Lab Manager



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Website: www.mccampbefl.com E-mail: main@mccampbell.com

Clayton Group Services

6920 Koll Center Pkwy, Ste.216

Pleasanton, CA 94566

Client Project ID: #70-04429.01;
Additional Sampling

Date Sampled: 01/22/04

Date Received: 01/23/04

Client Contact: Don Ashton

Date Extracted: 01/23/04

Client P.O.:

Date Analyzed: 01/24/04-01/27/04

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

ction method:	SW5030B		Analytical methods: SW8015Cm	Work Order:	040
Lab ID	Client ID	Matrix	TPH(g)	DF	9,
003A	Q-10 11.5-12'	S	ND	I	
010A	Q-13 3.5-4'	s	ND	1	
013A	Q-14 3.5-4'	S	ND	1	ç
<u> </u>		-		-	
					_
					ļ
					<u> </u>
		<u> </u>			
		1			
		77			
Reporting	g Limit for DF =1; s not detected at or	w	NA	N	ΙA
	s not detected at or ne reporting limit	S	1.0	mg	/K

* water and vapor samples and all TCLP & SPLP extracts are reported in μg/L, soil/studge/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 ~2 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.



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Telephone: 925-798-1620 Fax: 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

Clayton Group Services	Client Project ID: #70-04429.01;	Date Sampled: 01/22/04
6920 Koll Center Pkwy, Ste.216	Additional Sampling	Date Received: 01/23/04
Pleasanton, CA 94566	Client Contact: Don Ashton	Date Extracted: 01/26/04-01/30/04
ricasamon, CA 94300	Client P.O.:	Date Analyzed: 01/26/04-01/30/04

Pleasanton, CA	\ 94566	Client Contact: Don A	Ashton Date Extracte	ed: 01/26/04-	01/30/	04
		Client P.O.:	Date Analyze	ed: 01/26/04-	01/30/	04
straction method: S'			olatile Hydrocarbons as Gasoline*	Wor	k Order:	040123
Lab ID	Client ID	Matrix	TPH(g)		DF	% S
020A	Q-13W	w	ND		1	119
021A	Q-14W	w	ND,i		1	109
022A	Q-12W	w	ND,i		1	112
023A	Q-11W	w	460,b,m		ı	#
024A	Q-10W	w	380,b,m,h	•	ı	#
025A	Q-9W	w	ND		1 .	93.
	······································		1			
,						
			P-state			
						<u></u>
Reporting I	Limit for DF =1;	W	50		με	;/L

Reporting Limit for DF =1; ND means not detected at or	w	50	μg/L
above the reporting limit	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 ~2 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.



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Clayton Group Services

6920 Koll Center Pkwy, Ste.216

Pleasanton, CA 94566

Client Project ID: #70-04429.01;
Additional Sampling

Date Sampled: 01/22/04

Date Received: 01/23/04

Client Contact: Don Ashton

Date Extracted: 01/23/04

Client P.O.:

Date Analyzed: 01/26/04-02/03/04

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

extraction method: SW	3510C		Analytical methods: SW8015C		Work Or	der: 040127
Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0401273-020A	Q-13W	w	ND	ND	1	93.1
0401273-021A	Q-14W	w	ND,i	ND	1	94.3
0401273-022A	Q-12W	w	ND,i	ND	1	97.8
0401273-023A	Q-11W	w	690,d	ND	1	112
0401273-024A	Q-10W	w	9600,d,b,h	300	1	113
0401273-025A	Q-9 W	W	71,k	ND	1	103
	· · · · · · · · · · · · · · · · · · ·					
		•				
;						
	mit for DF =1;	w	50	250	μ	g/L
	t detected at or eporting limit	S	NA	NA	mį	z/Kg

^{*} water samples are reported in $\mu g/L$, wipe samples in $\mu g/\text{wipe}$, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / SPLP / TCLP extracts are reported in $\mu g/L$.

^{#)} 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; 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 ~2 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.



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Clayton Group Services	Client Project ID: #70-04429.01;	Date Sampled: 01/22/04
6920 Koll Center Pkwy, Ste.216	Additional Sampling	Date Received: 01/23/04
Pleasanton, CA 94566	Client Contact: Don Ashton	Date Extracted: 01/23/04
Fleasamon, CA 94300	Client P.O.:	Date Analyzed: 01/26/04

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

Extraction method: SV		, ,	Analytical methods: SW80150	carbons with Sinca Ger Clea		der: 040127
Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0401273-003A	Q-10 11.5-12'	S	ND	ND	1	93.1
0401273-010A	Q-13 3.5-4'	S	ND	ND	1	91.0
0401273-013A	Q-14 3.5-4'	S	ND	7.4,g	1	93.8
-	·					
					-	
·						
	imit for DF =1;	w	NA	NA		g/L
	ot detected at or reporting limit	S	1.0	5.0	mį	g/Kg

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

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

⁺The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than -2 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.



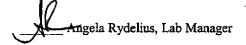
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 Website: www.mccampbell.com E-mail: main@mccampbell.com

Clayton Group Services	Client Project ID: #70-04429.01;	Date Sampled: 01/22/04				
6920 Koll Center Pkwy, Ste.216	Additional Sampling	Date Received: 01/23/04				
	Client Contact: Don Ashton	Date Extracted: 02/02/04				
Pleasanton, CA 94566	Client P.O.:	Date Analyzed: 01/26/04-01/28/04				

Extraction Method: SW5030B	voiatnes Organi			nd GC/MS (Basic Target List)* thod: SW8260B		Order: 0	401273	
Lab ID		0401273-003A						
Client ID				Q-10 11.5-12'				
	· · · · · · · · · · · · · · · · · · ·							
Matrix				Soil				
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit	
Acetone	ND	1.0	50	Acrolein (Propenal)	ND	1.0	50	
Acrylonitrile	ND	1.0	20	tert-Amyl methyl ether (TAME)	ND	1.0	5.0	
Benzene	ND	1.0	5.0	Bromobenzene	ND	1.0	5.0	
Bromochloromethane	ND ND	1.0	5.0	Bromodichloromethane	ND	1.0	5.0	
Bromoform	ND	1.0	5.0	Bromomethane	ND	1.0	5.0	
2-Butanone (MEK)	ND	1.0	10	t-Butyl alcohol (TBA)	ND	1.0	25	
n-Butyl benzene	ND	1.0	5.0	sec-Butyl benzene	ND	1.0	5.0	
tert-Butyl benzene	ND	1.0	5.0	Carbon Disulfide	ND	1.0	5.0	
Carbon Tetrachloride	ND	1.0	5.0	Chlorobenzene	ND	1.0	5.0	
Chloroethane	ND	1.0	5.0	2-Chloroethyl Vinyl Ether	ND	1.0	10	
Chloroform	ND	1.0	5.0	Chloromethane	ND	1.0	5.0	
2-Chlorotoluene	ND	1.0	5.0	4-Chlorotoluene	ND ND	1.0	5.0	
Dibromochloromethane	ND	1.0	5.0	1,2-Dibromo-3-chloropropane	ND ·	1.0	5.0	
1,2-Dibromoethane (EDB)	ND	1.0	5.0	Dibromomethane	ND ND	1.0	5.0	
1.2-Dichlorobenzene	ND	1.0	5.0	1.3-Dichlorobenzene	ND	1.0	5.0	
1.4-Dichlorobenzene	ND	1.0	5.0	Dichlorodifluoromethane	ND ND	1.0	5.0	
1,1-Dichloroethane	ND	1.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND ND	1.0		
1.1-Dichloroethene	ND	1.0					5.0	
trans-1,2-Dichloroethene	ND	1.0	5.0	cis-1,2-Dichloroethene	ND ND	1.0	5.0	
1,3-Dichloropropane	ND ND		5.0	1,2-Dichloropropane	ND	1.0	5.0	
1,1-Dichloropropene	ND ND	1.0	5.0	2,2-Dichloropropane	ND	1.0	5.0	
	· · · · · · · · · · · · · · · · · · ·	1.0	5.0	cis-1,3-Dichloropropene	ND ND	1.0	5.0	
trans-1,3-Dichloropropene	ND	1.0	5.0	Diisopropyl ether (DIPE)	ND	1.0	5.0	
Ethylbenzene	ND	1.0	5.0	Ethyl tert-butyl ether (ETBE)	ND	1.0	5.0	
Hexachlorobutadiene	ND	1.0	5.0	Hexachloroethane	ND	1.0	5.0	
2-Hexanone	ND	1.0	5.0	Isopropylbenzene	ND	1.0	5.0	
4-Isopropyl toluene	ND	1.0	5.0	Methyl-t-butyl ether (MTBE)	ND	1.0	5.0	
Methylene chloride	ND	1.0	5.0	4-Methyl-2-pentanone (MIBK)	ND	1.0	5.0	
Naphthalene	ND	1.0	5.0	Nitrobenzene	ND	1.0	100	
n-Propyl benzene	ND.	1.0	5.0	Styrene	ND	1.0	5.0	
1,1,1,2-Tetrachloroethane	ND	1.0	5.0	1,1,2,2-Tetrachloroethane	ND	1.0	5.0	
Tetrachloroethene	ND	1.0	5.0	Toluene	ND	1.0	5.0	
1,2,3-Trichlorobenzene	ND	1.0	5.0	1,2,4-Trichlorobenzene	ND	1.0	5.0	
1,1,1-Trichloroethane	ND	1.0	5.0	1,1,2-Trichloroethane	ND	1.0	5.0	
Trichloroethene	ND	1.0	5.0	Trichlorofluoromethane	ND	1.0	5.0	
1,2,3-Trichloropropane	ND	1.0	5.0	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	100	
1,2,4-Trimethylbenzene	ND	1.0	5.0	1,3,5-Trimethylbenzene	ND	1.0	5.0	
Vinyl Chloride	ND	1.0	5.0	Xylenes	ND	1.0	5.0	
		Sur		ecoveries (%)	•			
%SS1:	92,4			%SS2:	105			
%\$\$3:	111							

Comments

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



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



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Clayton Group Services	Client Project ID: #70-04429.01;	Date Sampled: 01/22/04
6920 Koll Center Pkwy, Ste.216	Additional Sampling	Date Received: 01/23/04
0>20 11011 001101 1 11.7, D101210	Client Contact: Don Ashton	Date Extracted: 02/02/04
Pleasanton, CA 94566	Client P.O.:	Date Analyzed: 01/26/04-01/28/04

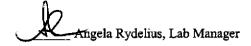
Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0401273

Lab ID	0401273-010A							
Client ID		Q-13 3.5-4'						
Matrix		Soil						
Compound	Concentration *	Concentration * DF Reporting Limit Compound		Concentration *	DF	Reporting Limit		
Acetone	ND	1.0	50	Acrolein (Propenal)	ND	1.0	50	
Acrylonitrile	ND	1.0	20	tert-Amyl methyl ether (TAME)	ND	1.0	5.0	
Benzene	ND	1.0	5.0	Bromobenzene	ND	1.0	5.0	
Bromochloromethane	ND	1.0	5.0	Bromodichloromethane	ND	1.0	5.0	
Bromoform	ND	1.0	5.0	Bromomethane	ND	1.0	5.0	
2-Butanone (MEK)	ND	1.0	10	t-Butyl alcohol (TBA)	ND	1.0	25	
n-Butyl benzene	ND	1.0	5.0	sec-Butyl benzene	ND	1.0	5.0	
tert-Butyl benzene	ND	1.0	5.0	Carbon Disulfide	ND	1.0	5.0	
Carbon Tetrachloride	. ND	1.0	5.0	Chlorobenzene	ND	1.0	5.0	
Chloroethane	ND	1.0	5.0	2-Chloroethyl Vinyl Ether	ND	1.0	10	
Chloroform	ND	1.0	5.0	Chloromethane	ND	1.0	5.0	
2-Chlorotoluene	ND	1.0	5.0	4-Chlorotoluene	ND	1.0	5.0	
Dibromochloromethane	ND	1.0	5.0	1,2-Dibromo-3-chloropropane	ND	1.0	5.0	
1,2-Dibromoethane (EDB)	ND	1.0	5.0	Dibromomethane	ND	1.0	5.0	
1,2-Dichlorobenzene	ND	1.0	5.0	1.3-Dichlorobenzene	ND	1.0	5.0	
1,4-Dichlorobenzene	ND	1.0	5.0	Dichlorodifluoromethane	ND	1.0	5.0	
1,1-Dichloroethane	ND	1.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND	1.0	5.0	
1,1-Dichloroethene	ND	1.0	5.0	cis-1,2-Dichloroethene	ND	1.0	5.0	
trans-1,2-Dichloroethene	ND	1.0	5.0	1,2-Dichloropropane	ND	1.0	5.0	
1,3-Dichloropropane	ND	1.0	5.0	2,2-Dichloropropane	ND	1.0	5.0	
1,1-Dichloropropene	ND	1.0	5.0	cis-1,3-Dichloropropene	ND	1.0	5.0	
trans-1,3-Dichloropropene	ND	1.0	5.0	Diisopropyl ether (DIPE)	ND	1.0	5.0	
Ethylbenzene	ND	1.0	5.0	Ethyl tert-butyl ether (ETBE)	ND	1.0	5.0	
Hexachlorobutadiene	ND	1.0	5.0	Hexachloroethane	ND	1.0	5.0	
2-Hexanone	ND	1.0	5.0	Isopropylbenzene	ND	1.0	5.0	
4-isopropyl toluene	ND	1.0	5.0	Methyl-t-butyl ether (MTBE)	ND	1.0	5.0	
Methylene chloride	ND	1.0	5.0	4-Methyl-2-pentanone (MIBK)	ND	1.0	5.0	
Naphthalene	ND	1.0	5.0	Nitrobenzene	ND	1.0	100	
n-Propyl benzene	ND	1.0	5.0	Styrene	ND	1.0	5.0	
1,1,1,2-Tetrachloroethane	ND	1.0	5.0	1,1,2,2-Tetrachloroethane	ND	1.0	5.0	
Tetrachloroethene	ND	1.0	5.0	Toluene	ND	1.0	5.0	
1,2,3-Trichlorobenzene	ND	1.0	5.0	1,2,4-Trichlorobenzene	ND	1.0	5.0	
1,1,1-Trichloroethane	ND	1.0	5.0	1,1,2-Trichloroethane	ND	1.0	5.0	
Trichloroethene	ND	1.0	5.0	Trichlorofluoromethane	ND	1.0	5.0	
1,2,3-Trichloropropane	ND	1.0	5.0	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	100	
1,2,4-Trimethylbenzene	ND	1.0	5.0	1,3,5-Trimethylbenzene	ND	1.0	5.0	
Vinyl Chloride	ND	1.0	5.0	Xylenes	ND	1.0	5.0	
		Sur		ecoveries (%)			-	
%SS1:	92.3		9	%SS2:	106			
%SS3:	110			1	100			

Comments

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



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



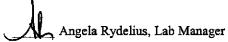
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 Website: www.mccampbell.com E-mail: main@mccampbell.com

Clayton Group Services	Client Project ID: #70-04429.01;	Date Sampled: 01/22/04
6920 Koll Center Pkwy Ste 216	Additional Sampling	Date Received: 01/23/04
920 Koll Center Pkwy, Ste.216 Client Contact:	Client Contact: Don Ashton	Date Extracted: 02/02/04
Pleasanton, CA 94566	Client P.O.:	Date Analyzed: 01/26/04-01/28/04

	0401273-013A		Order: 04	101273							
alytical Me	0401273-013A	Work (Order: 04	101273							
				Extraction Method: SW 5030B Analytical Method: SW 8260B Work Order: 0401273							
	O 14 2 5 4'	Lab ID 0401273-013A									
	Q-14 3.5-4'										
	Soil										
Reporting Limit	Compound	Concentration *	DF	Reporting Limit							
50	Acrolein (Propenal)	ND	1.0	50							
20	tert-Amyl methyl ether (TAME)	ND	1.0	5.0							
5.0	Bromobenzene	ND	1.0	5.0							
5.0	Bromodichloromethane	ND	1.0	5.0							
5.0	Bromomethane	ND	1.0	5.0							
10	t-Butyl alcohol (TBA)	ND	1.0	25							
5.0	sec-Butyl benzene	ND	1.0	5.0							
5.0	Carbon Disulfide	ND	1.0	5.0							
5.0	Chlorobenzene	ND	1.0	5.0							
5.0	2-Chloroethyl Vinyl Ether	ND	1.0	10							
5.0	Chloromethane	ND	1.0	5.0							
5.0	4-Chlorotoluene	ND	1.0	5.0							
5.0	1,2-Dibromo-3-chloropropane	ND	1.0	5.0							
5.0	Dibromomethane	ND	1.0	5.0							
5.0	1,3-Dichlorobenzene	ND	1.0	5.0							
5.0	Dichlorodifluoromethane	ND	1.0	5.0							
5.0	1,2-Dichloroethane (1,2-DCA)	ND	1.0	5.0							
5.0	cis-1,2-Dichloroethene	ND	1.0	5.0							
5.0	1,2-Dichloropropane	ND	1.0	5.0							
5.0	2,2-Dichloropropane	ND	1.0	5.0							
5.0	cis-1,3-Dichloropropene	ND	1.0	5.0							
5.0	Diisopropyl ether (DIPE)	ND	1.0	5.0							
5.0	Ethyl tert-butyl ether (ETBE)	ND	1.0	5.0							
5.0		ND	1.0	5.0							
5.0		ND	1.0	5.0							
5.0		ND	1.0	5.0							
5.0		ND	1.0	5.0							
5.0	Nitrobenzene	ND	1.0	100							
5.0	Styrene	ND	1.0	5.0							
5.0	1,1,2,2-Tetrachloroethane	ND	1.0	5.0							
5.0	Toluene	ND	1.0	5.0							
5.0	1.2.4-Trichlorobenzene	ND	1.0	5.0							
5.0	1,1,2-Trichloroethane	ND	1.0	5.0							
5.0	Trichlorofluoromethane	ND	1.0	5.0							
5.0	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	100							
5.0	1,3,5-Trimethylbenzene	ND	1.0	5.0							
5.0	Xylenes	ND	1.0	5.0							
rogate Re			_								
		102									
		102									
	Limit 50 20 5.0	Compound	Compound Concentration *	Compound Concentration * DF							

Comments

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



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



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Website: www.mccampbell.com E-mail: main@mccampbell.com

Clayton Group Services	7	Date Sampled: 01/22/04
6920 Koll Center Pkwy Ste 216	Additional Sampling	Date Received: 01/23/04
6920 Koll Center Pkwy, Ste.216 Client Contact: Don Ashton	Date Extracted: 01/26/04-01/28/04	
Pleasanton, CA 94566	Client P.O.:	Date Analyzed: 01/26/04-01/28/04

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0401273

Lab ID			,	0401273-020B		Order. O		
Client ID		Q-13W						
						·· - ··		
Matrix		Water						
Compound	Concentration *	DF	Reporting Limit	Compound Concentration		DF	Reporting Limit	
Acetone	ND	1.0	5.0	Acrolein (Propenal)	NĎ	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 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	1.0	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	
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	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	10	
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	
		Surr	ogate Re	ecoveries (%)				
%SS1:	93.	•	-	%SS2:	101			
%SS3:	103							

Comments:

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



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



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Clayton Group Services	1	Date Sampled: 01/22/04
6920 Koll Center Pkwy, Ste.216	Additional Sampling	Date Received: 01/23/04
	Client Contact: Don Ashton	Date Extracted: 01/26/04-01/28/04
Pleasanton, CA 94566	Client P.O.:	Date Analyzed: 01/26/04-01/28/04

Volatiles Organics by P&T and GC/MS (Basic Target List)* Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0401273 Lab ID 0401273-021B Client ID Q-14W Water Matrix Compound DF Concentration * DF Concentration * Compound Limit Acetone ND 1.0 Acrolein (Propenal) ND 1.0 5.0 5.0 Acrylonitrile ND 1.0 2.0 tert-Amyl methyl ether (TAME) ND 1.0 0.5 Benzene ND 1.0 Bromobenzene ND 1.0 0.5 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 1.0 t-Butyl alcohoi (TBA) ND 1.0 5.0 1.0 n-Butyl benzene ND 1.0 0.5 sec-Butyl benzene ND 0.5 1.0 0.5 tert-Butyl benzene ND 1.0 0.5 Carbon Disulfide ND 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 ND 1.0 0.5 Chloroform ND 1.0 0.5 Chloromethane 2-Chlorotoluene ND 1.0 0.5 4-Chlorotoluene ND 1.0 0.5 1.0 0.5 Dibromochloromethane ND 1.0 0.5 1,2-Dibromo-3-chloropropane ND 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 1.0 0.5 1,4-Dichlorobenzene ND 1.0 0.5 Dichlorodifluoromethane ND 1,1-Dichloroethane ND 1.0 0.5 1,2-Dichloroethane (1,2-DCA) ND 1.0 0.5 ND 1.0 ND 1.0 0.5 1,1-Dichloroethene 0.5 cis-1,2-Dichloroethene ND 1.0 0.5 trans-1,2-Dichloroethene ND 1.0 0.5 1,2-Dichloropropane 1.0 ND 1.0 0.5 1,3-Dichloropropane ND 0.5 2,2-Dichloropropane 1.0 ND 1.0 0.5 1,1-Dichloropropene ND 0.5 cis-1,3-Dichloropropene trans-1,3-Dichloropropene ND 1.0 0.5 Diisopropyl ether (DIPE) ND 1.0 0.5 Ethylbenzene ND 1.0 0.5Ethyl tert-butyl ether (ETBE) ND 1.0 0.5 Hexachlorobutadiene ND 1.0 ND 1.0 0.5 0.5 Hexachloroethane 2-Hexanone ND 1.0 ND 1.0 0.5 0.5 Isopropylbenzene 4-Isopropyl toluene ND 1.0 Methyl-t-butyl ether (MTBE) ND 1.0 0.5 0.5 Methylene chloride ND 1.0 4-Methyl-2-pentanone (MIBK) ND 1.0 0.5 0.5 Naphthalene ND 1.0 0.5 Nitrobenzene ND 0.1 10 n-Propyl benzene ND 1.0 0.5 ND 1.0 0.5 Styrene 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 ND 1,2,3-Trichlorobenzene ND 1.0 1,2,4-Trichlorobenzene ND 1.0 0.5 1.0 0.5 1,1,1-Trichloroethane ND 1.0 1,1,2-Trichloroethane ND 1.0 0.5 ND Trichloroethene ND 1.0 Trichlorofluoromethane ND 1.0 10 1,2,3-Trichloropropane ND 1.0 1,1,2-Trichloro-1,2,2-trifluoroethane 1,3,5-Trimethylbenzene 1.0 1.0 ND 0.5 1,2,4-Trimethylbenzene ND 1.0 0.5 Vinyl Chloride ND Xylenes 1.0 Surrogate Recoveries (%) 100 %S\$1: 93.6 %SS2: %SS3:

Comments: i

110

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



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



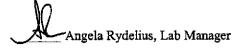
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 Website: www.mccampbell.com E-mail: main@mccampbell.com

Clayton Group Services	Client Project ID: #70-04429.01;	Date Sampled: 01/22/04
6920 Kall Center Pkwy Ste 216	Additional Sampling	Date Received: 01/23/04
5920 Koll Center Pkwy, Ste.216	Client Contact: Don Ashton	Date Extracted: 01/26/04-01/28/04
Pleasanton, CA 94566	Client P.O.:	Date Analyzed: 01/26/04-01/28/04

Pleasanton, CA 94566	Client P.O.:			Date Aı	Date Analyzed: 01/26/04-01/28/04				
Volatiles Organics by P&T and GC/MS (Basic Target List)*									
Extraction Method: SW5030B		Ana	lytical Met	hod: SW8260B	Work	Order: 0	401273		
Lab ID				0401273-024B					
Client ID				Q-10W					
Matrix				Water					
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit		
Acetone	ND	1.0	5.0	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	1.0	t-Butyl alcohol (TBA)	ND	1.0	5.0		
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	2.2	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		
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	1,1,2-Trichloro-1,2,2-trifluoroetha	ne ND	1.0	10		
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		
		Suri	rogate Re	coveries (%)	,		-		
%SS1:	93.4	4		%SS2:	98.)			
%SS3:	107				· ·				

Comments:

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



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

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QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: S

WorkOrder: 0401273

EPA Method: SW80	21B/8015Cm E	3	BatchID: 10079 Spiked Sample ID: 0401272-00					72-001A		
	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance	Criteria (%)
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(btex) [£]	ND	0.60	99.6	101	1.16	101	105	3.85	70	130
MTBE	ND	0.10	88.3	88.7	0.470	93.8	93.5	0.280	70	130
Benzene	ND	0.10	106	104	1.74	103	106	2.43	70	130
Toluene	ND	0.10	107	104	2.11	90.4	93	2.85	70	130
Ethylbenzene	ND	0.10	107	106	1.02	107	109	2.00	70	130
Xylenes	ND	0.30	110	110	0	99.7	100	0.334	70	130
%SS:	94.2	0.10	106	104	- 1.90	107	108	0.930	70	130

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

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 and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

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

[#] cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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

Matrix: W

ked Sample ID: 0401268-005A									
CS-LCSD	Acceptance	e Criteria (%)							
% RPD	Low	High							

WorkOrder: 0401273

EPA Method: SW8021B/801	5Cm	Extraction:	SW5030E	,	BatchID:	10076	S	268-005A			
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptanc	e Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High	
TPH(btex) [£]	ND	60	89.1	87.8	1.52	86.3	87.7	1.68	70	130	
МТВЕ	ND	10	96.6	95.1	1.61	103	102	0.670	70	130	
Benzene	ND	10	93.6	101	7.55	99.2	95.1	4.24	70	130	
Toluene	ND	10	97.2	105	7.22	103	98.5	4.38	70	130	
Ethylbenzene	ND	10	98.4	106	7.01	104	99.8	3.72	70	130	
Xylenes	ND	30	100	107	6.45	107	100	6.45	70	130	
%SS:	101	10	106	110	4.20	108	107	0.847	70	130	

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

NONE

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 and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

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

[#] cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 http://www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8015C

Matrix: S

WorkOrder: 0401273

EPA Method: SW8015C	3015C Extraction:			0	BatchiD: 10070 Spiked Sample ID: 04					
	Sample	Sample Spiked MS*		MS* MSD*		LCS	LCSD	LCS-LCSD	Acceptance Criteria	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(d)	ND	150	97.4	97.4	0	100	99.7	0.380	70	130
%SS:	93.1	50	103	103	0	98	97.8	0.205	70	130

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

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 and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform metrix 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.

QA/QC Officer



110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8015C

Matrix: W

WorkOrder: 0401273

EPA Method: SW8015C	E	extraction:	SW35100	>	BatchID:	10081	Spiked Sample ID: N/A				
	Sample	Sample Spiked		MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria		
	μg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High	
TPH(d)	N/A	7500	N/A	N/A	· N/A	99.1	99.8	0.647	70	. 130	
%\$S:	N/A	2500	N/A	N/A	N/A	97.9	97.7	0.300	70	130	

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

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 and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with 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.

%SS2:

%SS3:

97.8

102

50

50

WorkOrder: 0401273

QC SUMMARY REPORT FOR SW8260B

Matrix: S

EPA Method: SW8260B	E	Extraction:	SW50308	3	le ID: 04012	260-013A				
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance	e Criteria (%)
	μg/Kg	µg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
Веплете	ND	50	119	123	3.46	115	119	3.70	70	130
Chlorobenzene	ND	50	89.5	92.7	3.49	87	90.8	4.27	70	130
1,1-Dichloroethene	ND	50	110	113	2.89	105	109	3.73	70	130
Methyl-t-butyl ether (MTBE)	ND	50	110	112	1.97	105	108	3.02	70	130
Тошеле	ND	50	105	108	2.71	100	107	6.38	70	130
Trichloroethene	ND	50	87.8	91.4	3.99	84.6	88.3	4.19	70	130
%SS1:	97.6	50	92.2	93	0.960	93	92.3	0.714	70	130

97.6

100

0.447

1.72

97.2

101

97.9

100

0.648

0.308

70

70

130

130

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

97.1

102

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 and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with 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.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

QA/QC Officer

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8260B

Matrix: W

WorkOrder: 0401273

EPA Method: SW8260B	E	extraction:	SW5030E	3	BatchID:	ID: 10075 Spiked Sample ID: 0401268-006						
	Sample	mple Spiked MS		MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (
	µg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High		
Benzene	ND	10	118	114	3.55	120	123	2.70	70	130		
Chlorobenzene	ND	10	86.1	84.4	2.02	86.7	87.7	1.07	70	130		
1,1-Dichloroethene	ND	10	103	100	2.73	105	109	3.89	70	130		
Methyl-t-butyl ether (MTBE)	ND	-10	108	103	5.16	110	111	1.40	70	130		
Toluene	ND	10	101	99.9	1.05	101	104	2.79	70	130		
Trichloroethene	ND	10	87.3	82.1	6.16	85.8	87.5	1.94	70	130		
%SS1:	109	10	109	108	0.511	98.6	96.9	1.67	70	130		
%SS2:	99.6	10	95.2	97.8	2.67	96.2	95.3	0.934	70	130		
%SS3:	93.8	10	99.8	101	1.57	101	101	0	70	130		

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

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 and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with 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.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

QA/QC Officer

CHAIN-OF-CUSTODY RECORD

1 of 1

110 Second Avenue South, #D7 Pacheco, CA 94553-5560 (925) 798-1620

WorkOrder: 0401273

Report to:

Don Ashton

Clayton Group Services

6920 Koll Center Pkwy, Ste.216

Pleasanton, CA 94566

TEL:

(925) 426-2600

FAX: (925) 426-0106

ProjectNo: #70-04429.01; Additional Sampling

PO:

Bill to:

Requested TAT:

5 days

Joan Miller

Clayton Group Services

6920 Koll Center Pkwy, Ste. 216

Pleasanton, CA 94566

Date Received:

1/23/04

Date Printed: 1/23/04

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								Requested Tests (See legend below)											
Sample ID ClientSampID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
0401273-001	Q-10 3.5-4'	Soil	1/22/04 8:15:00 AM		Α	Γ	Α	T .			T					<u> </u>	ľ		
0401273-002	Q-10 7.5-8'	Soil	1/22/04 8:20:00 AM	V	Α		Α												
0401273-003	Q-10 11.5-12'	Soil	1/22/04 8:25:00 AM		Α		Α										,		
0401273-004	Q-11 3.5-4'	Soil	1/22/04 8:40:00 AM	~	Α		Α												
0401273-005	Q-11 7.5-8'	Soil	1/22/04 8:45:00 AM	✓	Α		Α					<u> </u>							
0401273-006	Q-11 11.5-12'	Soil	1/22/04 8:50:00 AM	V	Α		Α												
0401273-007	Q-12 3.5-4'	Soll	1/22/04 9:05:00 AM	V	Α		Α]		:									
0401273-008	Q-12 7.5-8'	Soil	1/22/04 9:10:00 AM	V	Α		Α]		j									
0401273-009	Q-12 11.5-12'	Soil	1/22/04 9:16:00 AM	¥	Α		Α				İ .								<u> </u>
0401273-010	Q-13 3.5-4'	Soil	1/22/04 10:20:00		Α		Α										1		
0401273-011	Q-13 7.5-8 ^t	Soil	1/22/04 10:25:00	~	Α		Α												
0401273-012	Q-13 11.5-12'	Soil	1/22/04 10:55:00	V	Á		Α												
0401273-013	Q-14 3.5-4'	Soil	1/22/04 11:30:00		Α		Α												
0401273-014	Q-14 7.5-8'	Soil	1/22/04 11:35:00	V	Α		Α						l						
0401273-015	Q-14 11.5-12'	Soil	1/22/04 11:45:00	V	A		Α											1	

Test Legend:

1	8260B+OXYS_S
6	
11	

2	8260B+OXYS_W
7	
12	

3	G-MBTEX_S
8	
13	

4	G-MBTEX_W
9	
14	

5	
10	
15	

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.



Page 1 of

A

110 Second Avenue South, #D7 Pacheco, CA 94553-5560 (925) 798-1620

WorkOrder: 0401273

Report to:

Don Ashton

Clayton Group Services

6920 Koll Center Pkwy, Ste.216

Pleasanton, CA 94566

TEL: FAX:

(925) 426-2600

(925) 426-0106

ProjectNo: #70-04429.01; Additional Sampling

PO:

Bill to:

Requested TAT:

5 days

Joan Miller

Clayton Group Services

6920 Koll Center Pkwy, Ste. 216

Date Received:

1/23/04

Pleasanton, CA 94566

Date Printed:

1/23/04

											Pague	setor	i Test:	- /Sna	lage	nd b						<u></u>	
Sample ID	ClientSamplD	Matrix	Collection Date	Hold	1	2	3	4	1	5	6		7	8	logo	9	10		11	12	13	14	15
0401273-016	Q-9 3.5-4'	Soil	1/22/04 12:10:00	V	Α	T	Α	1	Τ								T -	1					7-7
0401273-017	Q-9 7.5-8'	Soil	1/22/04 12:30:00		Α	1	Α								1		1						+
0401273-018	Q-9 11.5-12	Soll	1/22/04 12:30:00	V	Α		Α	1	1														\top
0401273-019	Q-9 19.5-20'	Soil	1/22/04 12:50:00	V	Α		Α											Ī					7
0401273-020	Q-13W	Water	1/22/04 12:15:00			В		Α	†						i								\top
0401273-021	Q-14W	Water	1/22/04 12:20:00			В		Α									1						
0401273-022	Q-12W	Water	1/22/04 12:30:00			1		Α									1						
0401273-023	Q-11W	Water	1/22/04 12:35:00					A	7						_		T						
0401273-024	Q-10W	Water	1/22/04 12:50:00			В	T	A															
0401273-025	Q-9W	Water	1/22/04 12:55:00					Α									1	Ì					\top

Test Legend:

1	8260B+OXYS_S
6	
11	

2	8260B+OXYS_W
7	A CANADA IN THE COM
12	

3	G-MBTEX_S
8	
13	

4	G-MBTEX_W
9	
14	

5	
10	
15	

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.



Page 1_ of <u>4</u>.

Lab: McCampbell

	ri Jenvila,	,						O ⁱ	401	21	3					TA	AT:S	tandard	<u></u>		<u>-</u> _
Report results to:																					
Name	Donald As	shton												Pro	ject Inforr	nation					
Company		roup Servic	es		-										ject No.		429.01				
Mailing Address		Center Parl		216	-									Nar	•			mpling			
City, State, Zip		n, California			-										ation		, Dublir				-
Telephone No.	(925) 426		· · · · · · · · · · · · · · · · · · ·		•												,	·, ·, ·			-
Fax No.	(925) 426	-0106						Anal	yses	Requ	ueste	d	-		}						
					a Extraction	tes											•				-
Special instructions and/o	or specific regulate	ry requiremen	its:		Multi-Scan (Silica Extraction	& Oxygenates			;						·						
	A PATERIAL SA	* 4041162:118	Wank.		8015 TPH Mul	8260 VOCs	LUFT Metals							HOLD	Sample	Condition	n/Com	ments		Preservative	
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Q-10 3.5-4'	22-Jan-04	8:15	SOIL	1							_			x]
Q-10 7.5-8'	22-Jan-04	8:20	SOIL	1										х							1
Q-10 11.5-12'	22-Jan-04	8:25	SOIL	1	Х	Х										••					1
Q-11 3.5-4'	22-Jan-04	8:40	SOIL	1									ļ	Х							1
Q-11 7.5-8'	22-Jan-04	8:45	SOIL	1							1	1		х							1
Q-11 11.5-12'	22-Jan-04	8:50	SOIL	1							7	 		х		· <u> </u>					1
Q-12 3.5-4'	22-Jan-04	9:05	SOIL	1									<u> </u>	x		· · · · · · · · · · · · · · · · · · ·					1
Q-12 7.5-8'	22-Jan-04	9:10	SOIL	1							1		ļ —	х							1
Q-12 11.5-12'	22-Jan-04	9:15	SOIL	1									<u> </u>	х							1
											_			0	0						1
Collected by:	∕Donald As	shtøp //	_				•	Coll	lecto	or's Si	gnat	ure:		15	ald less	titis					.1
Relinquished by:	Warrala l.	Centro	Date/Time/	1-23-04	0	8:00	0			d by:	_	<	7	2	nfer	n 298	— Dat	e/Time e/Time	ipro	y 0	83
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PRESERVATION_

VOAS O&G METALS OTHER



Page 2 of 4.

0401213

Lab: McCampbell

											`						Ŧ	AT:	Standa	rd	
Report results to:																•					
Name	Donald A	shton	•			•									D		.41				
Company	Clayton G	roup Service	es													oject Informa oject No.		429.0°			
Mailing Address	6920 Koll	Center Par	kway, Ste.	216	-											me			ı amplind		
City, State, Zip	Pleasanto	n, Californi	a 94566		-											cation			ampiinը in, CA	<u> </u>	
Telephone No.	(925) 426				-											-	Gues	, Dubi	III, CA		
Fax No.	(925) 426	-0106						Anal	yse	s Rec	ques	sted	ì			7					
					Extraction	SS															
Special instructions and/o	or specific regulato	ory requiremen	ts:		8015 TPH Multi-Scan (Silica Extraction	s & Oxygenates	SIE														
samele lidemine anan	Sampled	Mattinialus. IBannplad	a Viatriža Madja		8015 TPH N	8260 VOCs &	LUFT Metals								HOLD	Sample C	onditio	n/Com	ıments		Preservative
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Q-13 7.5-8'	22-Jan-04	10:25	SOIL	1										_	х						
Q-13 11.5-12'	22-Jan-04	10:55	SOIL	1									\neg		Х		-		·		
Q-14 3.5-4*	22-Jan-04	11:30	SOIL	1	Х	х			1		_	十	_	\dashv							
Q-14 7.5-8'	22-Jan-04	11:35	SOIL	1					$\neg \dagger$			+			x						
Q-14 11.5-12'	22-Jan-04	11:45	SOIL	1				 -			+		\dashv		<u>^</u>						
Q-9 3.5-4'	22-Jan-04	12:10	SOIL	1					\dashv					——	_						
Q-9 7.5-8'	22-Jan-04	12:30	SOIL	1				\dashv	一		-	+	-	\neg	X						·····
Q-9 11.5-12'	22-Jan-04	12:30	SOIL	1	_		_	\dashv	-	 - -	+	+	\dashv		X						
Q-9 19.5-20'	22-Jan-04	12:50	SOIL	1		\dashv	_		\dashv			- -	\dashv		X				-		
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* no sample pereived for 0-9 19.5-20% OK per D. a.

CDEX	Claytor	
	GROUP SERVICE	Ê

Page 3_ of <u>4</u>.

0401213

Lab: McCampbell

Name Company Mailing Address	Donald As Clayton G 6920 Koll	roup Servi	ces rkway, Ste.	216	-								Pr	oject Inforn oject No. ame	70-04429.01	
City, State, Zip	Pleasanto	n, Californ			<u>.</u>									cation	Additional Sampling Quest, Dublin, CA	
Telephone No.	(925) 426-														dabbi, babin, or	
ax No.	(925) 426-	0106	•		 	7	т	Anal	yses l	tequ	este	d				
					Extraction	ŀ	1				İ				v	
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ample identification		建设设施设计和基础的	Media	enis	801	8260	5		ľ				ЮВ	Sample	Condition/Comments	Presentative
Q-13W	22-Jan-04	12:15		The second second		Х				+			ᅥᅼ	 		
			WATER	1 LTR	Y	1	-	 		+-	\vdash	-	+			HC
			WATER	1 PLS	^					+			 	<u> </u>		
Q-14W	22-Jan-04	12:20		2 VOA		-		 		╫			X			
	22-3811-04	12.20		-		Х	-	-		╁						HC
			WATER	1 LTR	<u> </u>					-						
0.4004	 		WATER	1 PLS									X			
Q-12W	22-Jan-04	12:30	WATER	2 VOA									X			НС
<u> </u>			WATER	1 LTR	Х							_			,	
	·		WATER	1 PLS									Х			
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Page 4 of 4.

0401273

Lab: McCampbell

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Report results to:																		
Name	Donald A													Pr	oject Inforn	aation		
Company	Clayton (3roup Serv	ices		-										oject No.		400.04	
Mailing Address	6920 Kol	Center Pa	rkway, Ste.	216	_										ime		429.01	
City, State, Zip	Pleasant	on, Californ	ia 94566		_										cation		onal Sampling	
Γelephone No.	(925) 426				-									LU	Cation	Quest	, Dublin, CA	
ax No.	(925) 426	3-0106	-					Anal	VSA	s Re	alle	sted			7			
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	-		WATER	1 PLS										х				
Q-10W	22-Jan-04	12:50	WATER	2 VOA		Х										 	·	HCL
			WATER	1 LTR	Х					•			<u> </u>	+				HUL
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Clayton Group Services, Inc.

Attn.: Don Ashton

6920 Koll Center Parkway

Suite 216

Pleasanton, CA 94566-4756

Phone: (925) 426-2679 Fax: (925) 426-0106

Project: 70-04429.01

Received: 02/19/2004 16:15

Samples Reported

Sample Name	Date Sampled	Matrix	Lab#
W-1	02/19/2004 15:00	Wipe	1
W-2	02/19/2004 15:15	Wipe	2
W-3	02/19/2004 15:22	Wipe	3
W-4	02/19/2004 15:25	Wipe	4
W-5	02/19/2004 15:29	Wipe	5
W-6	02/19/2004 15:32	Wipe	6



Submission #: 2004-02-0591

CAM 17 Metals

Clayton Group Services, Inc.

Attn.: Don Ashton

6920 Koll Center Parkway

Suite 216

Pleasanton, CA 94566-4756

Phone: (925) 426-2679 Fax: (925) 426-0106

Project: 70-04429.01

Received: 02/19/2004 16:15

Prep(s): 7471A

Sample ID: W-1

02/19/2004 15:00

Matrix: Wipe

Sampled:

Test(s):

7471A

Lab ID:

2004-02-0591 - 1

Extracted:

2/19/2004 17:51

QC Batch#: 2004/02/19-03.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Mercury	0.00023	0.000050	mg/wip	1.00	02/20/2004 16:06	



Submission #: 2004-02-0591

CAM 17 Metals

Clayton Group Services, Inc.

Attn.: Don Ashton

6920 Koll Center Parkway

Suite 216

Pleasanton, CA 94566-4756

Phone: (925) 426-2679 Fax: (925) 426-0106

Project: 70-04429.01

Received: 02/19/2004 16:15

Prep(s): 7471A

Sample ID: W-2

Sampled: 02/19/2004 15:15

Matrix: Wipe

7471A Test(s):

Lab ID: 2004-02-0591 - 2

Extracted: 2/19/2004 17:51

QC Batch#: 2004/02/19-03.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Mercury	0.0012	0.000050	mg/wip	1.00	02/20/2004 16:08	





Clayton Group Services, Inc.

Attn.: Don Ashton

6920 Koll Center Parkway

Suite 216

Pleasanton, CA 94566-4756

Phone: (925) 426-2679 Fax: (925) 426-0106

Project: 70-04429.01

Received: 02/19/2004 16:15

7471A

Prep(s): 7471A

A Test(s):

Sample ID: W-3 Lab ID: 2004-02-0591 - 3

Sampled: 02/19/2004 15:22 Extracted: 2/19/2004 17:51

Matrix: Wipe QC Batch#: 2004/02/19-03.16

Compound	Сопс.	RL	Unit	Dilution	Analyzed	Flag
Mercury	0.009	0.000050	mg/wip	1.00	02/20/2004 16:09	





Clayton Group Services, Inc.

Attn.: Don Ashton

6920 Koll Center Parkway

Suite 216

Pleasanton, CA 94566-4756

Phone: (925) 426-2679 Fax: (925) 426-0106

Project: 70-04429.01

Received: 02/19/2004 16:15

Prep(s): 7471A

Sample ID: W-4

Sampled: 02/19/2004 15:25

Severn Trent Laboratories, Inc.

Matrix: Wipe

7471A Test(s):

Lab ID:

2004-02-0591 - 4

Extracted:

2/19/2004 17:51

QC Batch#: 2004/02/19-03.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Mercury	0.00024	0.000050	mg/wip		02/20/2004 16:10	





Clayton Group Services, Inc.

Attn.: Don Ashton

6920 Koll Center Parkway

Suite 216

Pleasanton, CA 94566-4756

Phone: (925) 426-2679 Fax: (925) 426-0106

Project: 70-04429.01

Received: 02/19/2004 16:15

Prep(s): 7471A

Sample ID: W-5

02/19/2004 15:29

Matrix: Wipe

Sampled:

Test(s): Lab ID:

7471A

2004-02-0591 - 5

Extracted:

2/19/2004 17:51

QC Batch#:

2004/02/19-03.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Mercury	0.00014	0.000050	mg/wip	1.00	02/20/2004 16:11	





Clayton Group Services, Inc.

Attn.: Don Ashton

6920 Koll Center Parkway

Suite 216

Pleasanton, CA 94566-4756

Phone: (925) 426-2679 Fax: (925) 426-0106

Project: 70-04429.01

Received: 02/19/2004 16:15

Prep(s): 7471A

Sample ID: W-6

Wipe

02/19/2004 15:32

Matrix:

Sampled:

Test(s):

7471A

Lab ID:

2004-02-0591 - 6

Extracted:

2/19/2004 17:51

QC Batch#: 2004/02/19-03.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Mercury	0.0007	0.000050	mg/wip	1.00	02/20/2004 16:13	





Clayton Group Services, Inc.

Attn.: Don Ashton

6920 Koll Center Parkway

Suite 216

Pleasanton, CA 94566-4756

MB: 2004/02/19-03.16-011

Phone: (925) 426-2679 Fax: (925) 426-0106

Project: 70-04429.01

Received: 02/19/2004 16:15

Batch QC Report

Prep(s): 7471A Method Blank

Wipe

Test(s): 7471A

QC Batch # 2004/02/19-03.16

Date Extracted: 02/19/2004 17:51

Compound	Conc.	RL	Unit	Analyzed	Flag
Mercury	ND	0.000050	mg/wip	02/20/2004 16:03	



Submission #: 2004-02-0591

CAM 17 Metals

Clayton Group Services, Inc.

Attn.: Don Ashton

6920 Koll Center Parkway

Suite 216

Pleasanton, CA 94566-4756

Phone: (925) 426-2679 Fax: (925) 426-0106

Project: 70-04429.01

Received: 02/19/2004 16:15

Batch QC Report

	<u> </u>	12225			•					
•	LCS	LCSD	1	LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Compound	Conc.	mg/wip	Exp.Conc.	Reco	very %	RPD	Ctrl.Lin	nits %	Fla	ıgs



STL San Francisco Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756

Phone: (925) 484-1919 ● Fax: (925) 484-1096 Email: <u>sflogin@stl-inc.com</u>

Reference #:	<u></u>	
Date 2-19-04 Page_	of	/

Report To												Ana	alysis	Requ	est									
Alln: DON ASH	707V						and								4	g				ш				ĺ
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Address: 6920 Kote Girit	il PKWY	, 4	216	Z 6	82606	Sign	Sas D B C D	\$ 8260B	δ. Σ.		Petroleum Totaí		8			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Tor 1	Alkalinity TDS 🗆	D NO.				
Phone: PLEASANTON, CAT Em	ail DASHTO	NØ	00.11	75 SQ 73	25 E	<u> </u>	Öδ	rbon 24 by	GC/A	MS 625	a A	EPA 8081 EPA 8082	5	471)	ä	£ .	6	Chro		SS				Je r
Company: CLAYTON G Address: G920 Koth CENTE Phone: PLEASANTON, CAT Em Bill To: SAME	Sampled W. Q	the	ή,, <u>Γ</u>	7 C 801	Purgeable Aromatics BTEX EPA∻⊡ 9021 ⊡ 8260B	TEPH EPA 6015M ☐ Silica Gel	Fuel Tests EPA 82608: CI Gas CI BTEX CI Five Oxyenates CI DCA, EDB CI Ethand	Purgeable Halocarbons (HVOCs) EPA 8021 by	Volatile Organics GC/MS (VOCs)	Semivolatiles GC/MS ID EPA 8270 ID 625	Oil and Grease [(EPA 1864)		G 8270	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ Other	Low Level Metals by EPA 200.8/6020 (ICP-MS):	W.E.T (STLC) TCLP	Hexavalent Chromium pH (24h hold time for H ₂ O)	Spec Cond. TSS	D	, j			of Containers
Attn:	Phone:72	5-426	-267	T Ling	geab EX E	PH C	Tests ive Ox	geap (SS)	atile (EPA	Tivola EPA	and 0	Pesticides PCBs	PNAs by	M17 A	als: [Leve	₹ 5	물표	S T	Anions: 0	hoci		,	
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				•						Date					Signature Time Nagnak-211904 Printed Name Date									
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Submission#: 2004-02-0846

Clayton Group Services, Inc.

March 01, 2004

6920 Koll Center Parkway Pleasanton, CA 94566-4756

Attn.:

Don Ashton

Project:

70-04429.01

Dear Mr. Ashton.

Attached is our report for your samples received on 02/27/2004 13:20
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

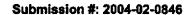
Please note that any unused portion of the samples will be discarded after 04/12/2004 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: dsharma@stl-inc.com Sincerely.

haema

Dimple Sharma Project Manager





Clayton Group Services, Inc.

Attn.: Don Ashton

6920 Koll Center Parkway Suite 216

Pleasanton, CA 94566-4756

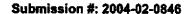
Phone: (925) 426-2679 Fax: (925) 426-0106

Project: 70-04429.01

Received: 02/27/2004 13:20

Samples Reported

Sample Name	Date Sampled	Matrix	Lab#
W-1A	02/27/2004 11:38	Wipe	1
W-2A	02/27/2001 11:51	Wipe	2
W-3A	02/27/2004 11:59	Wipe	3
W-4A	02/27/2004 12:04	Wipe	4
W-5A	02/27/2004 12:11	Wipe	5
W-6A	02/27/2004 12:18	Wipe	6





Clayton Group Services, Inc.

Attn.: Don Ashton

6920 Koll Center Parkway

Suite 216

Pleasanton, CA 94566-4756

Phone: (925) 426-2679 Fax: (925) 426-0106

Project: 70-04429.01

Received: 02/27/2004 13:20

Prep(s): 3050B

Test(s):

6010B

Sample ID: W-1A

Lab ID:

2004-02-0846 - 1

Sampled:

02/27/2004 11:38

Extracted:

2/27/2004 16:15

Matrix:

Wipe

QC Batch#: 2004/02/27-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	0.0020	mg/wip	1.00	03/01/2004 14:11	
Arsenic	ND	0.0010	mg/wip	1.00	03/01/2004 14:11	
Barium	0.0040	0.0010	mg/wip	1.00	03/01/2004 14:11	
Beryllium	ND	0.00050	mg/wip	1.00	03/01/2004 14:11	
Cadmium	ND	0.00050	mg/wip	1.00	03/01/2004 14:11	
Chromium	0.0018	0.0010	mg/wip	1.00	03/01/2004 14:11	
Cobalt	ND	0.0010	mg/wip	1.00	03/01/2004 14:11	
Copper	0.023	0.0010	mg/wip	1.00	03/01/2004 14:11	
Lead	0.0023	0.0010	mg/wip	1.00	03/01/2004 14:11	
Molybdenum	ND	0.0010	mg/wip	1.00	03/01/2004 14:11	
Nickel	0.0025	0.0010	mg/wip	1.00	03/01/2004 14:11	
Selenium	ND	0.0020	mg/wip	1.00	03/01/2004 14:11	
Silver	ND	0.0010	mg/wip	1.00	03/01/2004 14:11	
Thallium	ND	0.0010	mg/wip	1.00		
Vanadium	ND	0.0010	mg/wip	1.00	03/01/2004 14:11	
Zinc	0.16	0.0010	mg/wip	1.00	03/01/2004 14:11	





Clayton Group Services, Inc.

Attn.: Don Ashton

6920 Koll Center Parkway

Suite 216

Pleasanton, CA 94566-4756

Phone: (925) 426-2679 Fax: (925) 426-0106

Project: 70-04429.01

Matrix:

Received: 02/27/2004 13:20

Prep(s): 3050B

Sample ID: W-2A

Sampled: 02/27/2001 11:51

Wipe

Test(s): 6010B

Lab ID:

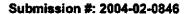
2004-02-0846 - 2

Extracted:

2/27/2004 19:44

QC Batch#: 2004/02/27-06.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	0.0020	mg/wip	1.00	03/01/2004 08:56	
Arsenic	ND	0.0010	mg/wip	1.00	03/01/2004 08:56	
Barium	0.0027	0.0010	mg/wip	1.00	03/01/2004 08:56	
Beryllium	ND	0.00050	mg/wip	1.00	03/01/2004 08:56	
Cadmium	ND	0.00050	mg/wip	1.00	03/01/2004 08:56	
Chromium	0.0018	0.0010	mg/wip	1.00	03/01/2004 08:56	
Cobait	ND	0.0010	mg/wip	1.00	03/01/2004 08:56	
Copper	0.011	0.0010	mg/wip	1.00	03/01/2004 08:56	
Lead	0.0019	0.0010	mg/wip	1.00	03/01/2004 08:56	
Molybdenum	ND	0.0010	mg/wip	1.00	03/01/2004 08:56	
Nickel	0.0018	0.0010	mg/wip	1.00	03/01/2004 08:56	
Selenium	ND	0.0020	mg/wip	1.00	03/01/2004 08:56	
Silver	ND	0.0010	mg/wip	1.00	03/01/2004 08:56	
Thallium	ND	0.0010	mg/wip	1.00	03/01/2004 08:56	
Vanadium	ND	0.0010	mg/wip	1.00	03/01/2004 08:56	
Zinc	0.15	0.0010	mg/wip	1.00	03/01/2004 08:56	





Clayton Group Services, Inc.

Attn.: Don Ashton

6920 Koil Center Parkway

Suite 216

Pleasanton, CA 94566-4756

Phone: (925) 426-2679 Fax: (925) 426-0106

Project: 70-04429.01

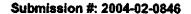
Received: 02/27/2004 13:20

Prep(s): 3050B Test(s): 6010B

Sample ID: W-3A Lab ID: 2004-02-0846 - 3

Sampled: 02/27/2004 11:59 Extracted: 2/27/2004 16:15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	0.0020	mg/wip	1.00	03/01/2004 14:40	
Arsenic	ND	0.0010	mg/wip	1.00	03/01/2004 14:40	
Barium	0.0075	0.0010	mg/wip	1.00	03/01/2004 14:40	
Beryllium	ND	0.00050	mg/wip	1.00	03/01/2004 14:40	
Cadmium	ND	0.00050	mg/wip	1.00	03/01/2004 14:40	
Chromium	0.0040	0.0010	mg/wip	1.00	03/01/2004 14:40	
Cobalt	ND	0.0010	mg/wip	1.00	03/01/2004 14:40	
Copper	0.030	0.0010	mg/wip	1.00	03/01/2004 14:40	
Lead	0.0037	0.0010	mg/wip	1.00	03/01/2004 14:40	
Molybdenum	DN	0.0010	mg/wip	1.00	03/01/2004 14:40	
Nickel .	0.0033	0.0010	mg/wip	1.00	03/01/2004 14:40	
Selenium	ND	0.0020	mg/wip	1.00	03/01/2004 14:40	
Silver	ND	0.0010	mg/wip	1.00	03/01/2004 14:40	
Thallium	ND	0.0010	mg/wip	1.00	03/01/2004 14:40	
Vanadium	ND	0.0010	mg/wip	1.00	03/01/2004 14:40	
Zinc	0.28	0.0010	mg/wip	1.00	03/01/2004 14:40	





Clayton Group Services, Inc.

Attn.: Don Ashton

6920 Koll Center Parkway

Suite 216

Pleasanton, CA 94566-4756

Phone: (925) 426-2679 Fax: (925) 426-0106

Project: 70-04429.01

Received: 02/27/2004 13:20

Prep(s): 30508 Test(s): 6010B

Sample ID: W-4A Lab ID: 2004-02-0846 - 4

Sampled: 02/27/2004 12:04 Extracted: 2/27/2004 16:15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	0.0020	mg/wip	1.00	03/01/2004 14:45	
Arsenic	ND	0.0010	mg/wip	1.00	03/01/2004 14:45	
Barium	0.0065	0.0010	mg/wip	1.00	03/01/2004 14:45	
Beryllium	ND	0.00050	mg/wip	1.00	03/01/2004 14:45	
Cadmium	ND	0.00050	mg/wip	1.00	03/01/2004 14:45	
Chromium	0.0014	0.0010	mg/wip	1.00	03/01/2004 14:45	
Cobalt	ND	0.0010	mg/wip	1.00	03/01/2004 14:45	
Copper	0.0066	0.0010	mg/wip	1.00	03/01/2004 14:45	
Lead	0.0016	0.0010	mg/wip	1.00	03/01/2004 14:45	
Molybdenum	ND	0.0010	mg/wip	1.00	03/01/2004 14:45	
Nickel	0.0011	0.0010	mg/wip	1.00	03/01/2004 14:45	
Selenium	ND	0.0020	mg/wip	1.00	03/01/2004 14:45	
Silver	ND	0.0010	mg/wip	1.00	03/01/2004 14:45	
Thallium	ND	0.0010	mg/wip	1.00	03/01/2004 14:45	
Vanadium	ND	0.0010	mg/wip	1.00	03/01/2004 14:45	
Zinc	0.085	0.0010	mg/wip	1.00	03/01/2004 14:45	





Clayton Group Services, Inc.

Attn.: Don Ashton

6920 Koll Center Parkway

Suite 216

Pleasanton, CA 94566-4756

Phone: (925) 426-2679 Fax: (925) 426-0106

Project: 70-04429.01

Received: 02/27/2004 13:20

Prep(s): 3050B Test(s): 6010B

Sample ID: W-5A Lab ID: 2004-02-0846 - 5

Sampled: 02/27/2004 12:11 Extracted: 2/27/2004 16:15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	0.0020	mg/wip	1.00	03/01/2004 14:49	
Arsenic	ND	0.0010	mg/wip	1.00	03/01/2004 14:49	
Barium	0.0076	0.0010	mg/wip	1.00	03/01/2004 14:49	
Beryllium	ND	0.00050	mg/wip	1.00	03/01/2004 14:49	
Cadmium	ND	0.00050	mg/wip	1.00	03/01/2004 14:49	
Chromium	0.0015	0.0010	mg/wip	1.00	03/01/2004 14:49	
Cobalt	ND	0.0010	mg/wip	1.00	03/01/2004 14:49	
Copper	0.014	0.0010	mg/wip	1.00	03/01/2004 14:49	
Lead	0.0013	0.0010	mg/wip	1.00	03/01/2004 14:49	
Molybdenum	ND	0.0010	mg/wip	1.00	03/01/2004 14:49	
Nickel	ND	0.0010	mg/wip	1.00	03/01/2004 14:49	
Selenium	ND	0.0020	mg/wip	1.00	03/01/2004 14:49	
Silver	ND	0.0010	mg/wip	1.00	03/01/2004 14:49	
Thallium	ND	0.0010	mg/wip	1.00	03/01/2004 14:49	-
Vanadium	ND	0.0010	mg/wip	1.00	03/01/2004 14:49	
Zinc	0.20	0.0010	mg/wip	1.00	03/01/2004 14:49	





Clayton Group Services, Inc.

Attn.: Don Ashton

6920 Koll Center Parkway

Suite 216

Pleasanton, CA 94566-4756

Phone: (925) 426-2679 Fax: (925) 426-0106

Project: 70-04429.01

Received: 02/27/2004 13:20

Prep(s): 3050B Test(s): 6010B

Sample ID: W-6A 2004-02-0846 - 6

Sampled: 02/27/2004 12:18 Extracted: 2/27/2004 16:15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	0.0020	mg/wip	1.00	03/01/2004 14:54	
Arsenic	ND	0.0010	mg/wip	1.00	03/01/2004 14:54	
Barium	0.034	0.0010	mg/wip	1.00	03/01/2004 14:54	
Beryllium	ND	0.00050	mg/wip	1.00	03/01/2004 14:54	
Cadmium	ND	0.00050	mg/wip	1.00	03/01/2004 14:54	
Chromium	0.0050	0.0010	mg/wip	1.00	03/01/2004 14:54	
Cobalt	ND	0.0010	mg/wip	1.00	03/01/2004 14:54	
Copper	0.25	0.0010	mg/wip	1.00	03/01/2004 14:54	
Lead	0.016	0.0010	mg/wip	1.00	03/01/2004 14:54	
Molybdenum	ND	0.0010	mg/wip	1.00	03/01/2004 14:54	
Nickel	0.0069	0.0010	mg/wip	1.00	03/01/2004 14:54	
Selenium	ND	0.0020	mg/wip	1.00	03/01/2004 14:54	
Silver	ND	0.0010	mg/wip	1.00	03/01/2004 14:54	
Thallium	ND	0.0010	mg/wip	1.00	03/01/2004 14:54	
Vanadium	ND	0.0010	mg/wip	1.00	03/01/2004 14:54	
Zinc	1.1	0.0010	mg/wip	1.00	03/01/2004 14:54	





Metais

Clayton Group Services, Inc.

Attn.: Don Ashton

6920 Koll Center Parkway

Suite 216

Pleasanton, CA 94566-4756

Phone: (925) 426-2679 Fax: (925) 426-0106

Project: 70-04429.01

Prep(s): 3050B Method Blank

MB: 2004/02/27-03.15-087

Received: 02/27/2004 13:20

10	Bŧ	itch	QC	Re	рог	ŧ .	10 ² 0			177			1.24					=1,110 1	£3
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	ŭ.		n Rooman Maria						Dec also			German George		· T	est(• J-	en4	ΛD	2
Ų	10.7	(FG) 198			710 811		VIVE			ani inge			4 200			-			"// -
7			Wig	e	9.004	Y.			e di	QC	: B:	atch	# 2	200	4/02	/27	-03	.15	
	141	15 2 11 12 1		A 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2000	3 ** 34 14 2 1 1	Chargo C.	1. T. T.			Acres Allena	and the second			October 1981	11	5 664 mm m	4.0	

Date Extracted: 02/27/2004 16:15

Compound	Conc.	RL	Unit	Analyzed	Flag
Antimony	ND	0.002	mg/wip	03/01/2004 13:53	
Arsenic	ND	0.001	mg/wip	03/01/2004 13:53	
Barium	ND	0.001	mg/wip	03/01/2004 13:53	
Beryllium	ND	0.0005	mg/wip	03/01/2004 13:53	
Cadmium	ND	0.0005	mg/wip	03/01/2004 13:53	
Chromium	ND	0.001	mg/wip	03/01/2004 13:53	
Cobalt	ND	0.001	mg/wip	03/01/2004 13:53	
Copper	ND	0.001	mg/wip	03/01/2004 13:53	
Lead	ND	0.001	mg/wip	03/01/2004 13:53	
Molybdenum	ND	0.001	mg/wip	03/01/2004 13:53	
Nickel	ND	0.001	mg/wip	03/01/2004 13:53	
Selenium	ND	0.002	mg/wip	03/01/2004 13:53	
Silver	ND	0.001	mg/wip	03/01/2004 13:53	
Thallium	ND	0.001	mg/wip	03/01/2004 13:53	
Vanadium	ND	0.001	mg/wip	03/01/2004 13:53	
Zinc	ND	0.001	mg/wip	03/01/2004 13:53	



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Suite 216

Pleasanton, CA 94566-4756

Phone: (925) 426-2679 Fax: (925) 426-0106

Project: 70-04429.01

Received: 02/27/2004 13:20

Batch	QC	Re	port	201-

Prep(s): 3050B **Method Blank**

MB: 2004/02/27-06.15-012

Wipe

Test(s): 6010B QC Batch # 2004/02/27-06.15

Date Extracted: 02/27/2004 19:44

Compound	Conc.	RL	Unit	Analyzed	Flag
Antimony	ND	0.002	mg/wip	03/01/2004 08:44	
Arsenic	ND	0.001	mg/wip	03/01/2004 08:44	
Barium	ND	0.001	mg/wip	03/01/2004 08:44	
Beryllium	ND	0.0005	mg/wip	03/01/2004 08:44	
Cadmium	ND	0.0005	mg/wip	03/01/2004 08:44	
Chromium	ND	0.001	mg/wip	03/01/2004 08:44	
Cobalt	ND	0.001	mg/wip	03/01/2004 08:44	
Copper	- ND	0.001	mg/wip	03/01/2004 08:44	
Lead	ND	0.001	mg/wip	03/01/2004 08:44	
Molybdenum	ND	0.001	mg/wip	03/01/2004 08:44	
Nickel	ND	0.001	mg/wip	03/01/2004 08:44	
Selenium	ND	0.002	mg/wip	03/01/2004 08:44	
Silver	ND	0.001	mg/wip	03/01/2004 08:44	
Thailium	ND	0.001	mg/wip	03/01/2004 08:44	
Vanadium	ND	0.001	mg/wip	03/01/2004 08:44	
Zinc	ND	0.001	mg/wip	03/01/2004 08:44	





Clayton Group Services, Inc.

Attn.: Don Ashton

6920 Koll Center Parkway

Suite 216

Pleasanton, CA 94566-4756

Phone: (925) 426-2679 Fax: (925) 426-0106

Project: 70-04429.01

Received: 02/27/2004 13:20

			Batch QC Re	port				KÇAÇIŞ, M		St. His		
Prep(s): 3050B									Test(s):	6010B		
Laboratory Contr	ol Spike		Wipe			. Q	C Batch	# 20 0)4/02/27	7-03.15		
LCS 2004/02	LCS 2004/02/27-03.15-088			02/27/2	004	Analyzed: 03/01/2004 14:01						
english hill, it is single Personal and a series of the	2/27-03.15-089	merikan Banasa	Extracted:	THE PART CLASS OF		Albert Merika	Analyze	and the second	化化物类化物质化物 黃矿	Salary of the Control		
Compound	Conc.	mg/wip	Exp.Conc.	Reco	overy %	RPD	Ctrl.Lin	nits %	Fla	ags		
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD		
Antimony	0.0895	0.0896	0.1000	89.5	89.6	0.1	80-120	20		Į		
Arsenic	0.0922	0.0926	0.1000	92.2	92.6	0.4	80-120	20				
Barium	0.0916	0.0920	0.1000	91.6	92.0	0.4	80-120	20		1		
Beryllium	0.0927	0.0940	0.1000	92.7	94.0	1.4	80-120	20		1		
Cadmium	0.0890	0.0892	0.1000	89.0	89.2	0.2	80-120	20		1		
Chromium	0.0929	0.0933	0.1000	92.9	93.3	0.4	80-120	20				
Cobalt	0.0916	0.0921	0.1000	91.6	92.1	0.5	80-120	20		1		
Соррег	0.0954	0.0961	0.1000	95.4	96.1	0.7	80-120			•		
Lead	0.0908	0.0907	0.1000	90.8	90.7	0.1	80-120	20		1		
Molybdenum	0.0896	0.0903	0.1000	89.6	90.3	8.0	80-120			Ì		
Nickel	0.0908	0.0912	0.1000	90.8	91.2	0.4	80-120	1		1		
Selenium	0.0830	0.0828	0.1000	83.0	82.8	0.2	80-120			1		
Silver	0.0919	0.0924	0.1000	91.9	92.4	0.5	80-120			1		
Thallium	0.0861	0.0860	0.1000	86.1	86.0	0.1	80-120			ľ		
Vanadium	0.0952	0.0957	0.1000	95.2	95.7	0.5	80-120			1		
Zinc	0.0909	0.0912	0.1000	90.9	91.2	0.3	80-120	20		•		





Clayton Group Services, Inc.

Attn.: Don Ashton

6920 Koll Center Parkway

Suite 216

Selenium

Thallium

Vanadium

Silver

Zinc

Pieasanton, CA 94566-4756

Phone: (925) 426-2679 Fax: (925) 426-0106

0.0877

0.0955

0.0876

0.0992

0.0943

0.0876

0.0952

0.0874

0.0990

0.0939

Project: 70-04429.01

Received: 02/27/2004 13:20

Antimony 0.0935 0.0934 0.1000 93.5 93.4 0.1 80-120 20 Arsenic 0.0957 0.0957 0.1000 95.7 95.7 0.0 80-120 20 Barium 0.0933 0.0930 0.1000 93.3 93.0 0.3 80-120 20 Beryllium 0.0980 0.0977 0.1000 98.0 97.7 0.3 80-120 20 Cadmium 0.0932 0.0927 0.1000 93.2 92.7 0.5 80-120 20 Chromium 0.0962 0.0960 0.1000 96.2 96.0 0.2 80-120 20 Cobalt 0.0942 0.0938 0.1000 94.2 93.8 0.4 80-120 20 Copper 0.0994 0.0993 0.1000 94.5 94.4 0.1 80-120 20 Lead 0.0941 0.0939 0.1000 94.1 93.9 0.2 80-120 20	Prep(s): 3050B					Fire Met Visit 1997		open i Ogen Lovenski	4.17.54 4.772.54	Test(s):	6010B	
LCSD 2004/02/27-06.15-014 Extracted: 02/27/2004 Analyzed: 03/01/20 Compound Conc. mg/wip Exp.Conc. Recovery % RPD Ctrl.Limits % LCS LCSD LCS LCSD % Rec. RPD LCS Antimony 0.0935 0.0934 0.1000 93.5 93.4 0.1 80-120 20 Arsenic 0.0957 0.0957 0.1000 95.7 95.7 0.0 80-120 20 Barlum 0.0933 0.0930 0.1000 93.3 93.0 0.3 80-120 20 Beryllium 0.0980 0.0977 0.1000 98.0 97.7 0.3 80-120 20 Cadmium 0.0932 0.0927 0.1000 93.2 92.7 0.5 80-120 20 Chromium 0.0962 0.0960 0.1000 96.2 96.0 0.2 80-120 20 Cobalt 0.0942 0.0938 0.1000 94.2 93.8	Laboratory Contr	ol Spike		Wipe	647X ************************************	Tarak Kacabana	Q	C Batch	ı # 20 0	04/02/2	7-06.15	
Compound Conc. mg/wip Exp.Conc. Recovery % RPD Ctrl.Limits % LCS LCSD LCS LCSD % Rec. RPD LCS Antimony 0.0935 0.0934 0.1000 93.5 93.4 0.1 80-120 20 Arsenic 0.0957 0.0957 0.1000 95.7 95.7 0.0 80-120 20 Barium 0.0933 0.0930 0.1000 93.3 93.0 0.3 80-120 20 Beryllium 0.0980 0.0977 0.1000 98.0 97.7 0.3 80-120 20 Cadmium 0.0932 0.0927 0.1000 93.2 92.7 0.5 80-120 20 Chromium 0.0962 0.0960 0.1000 96.2 96.0 0.2 80-120 20 Cobalt 0.0942 0.0938 0.1000 94.2 93.8 0.4 80-120 20 Copper 0.0945 0.0944	LCS 2004/02	2/27-06.15-013		Extracted:	02/27/2	004	747 E.M.	Analyz	ed: 03/	01/2004	1 08:49	
LCS LCSD LCS LCSD % Rec, RPD LCS Antimony 0.0935 0.0934 0.1000 93.5 93.4 0.1 80-120 20 Arsenic 0.0957 0.0957 0.1000 95.7 95.7 0.0 80-120 20 Barlum 0.0933 0.0930 0.1000 93.3 93.0 0.3 80-120 20 Beryllium 0.0980 0.0977 0.1000 98.0 97.7 0.3 80-120 20 Cadmium 0.0932 0.0927 0.1000 93.2 92.7 0.5 80-120 20 Chromium 0.0962 0.0960 0.1000 96.2 96.0 0.2 80-120 20 Cobalt 0.0942 0.0938 0.1000 94.2 93.8 0.4 80-120 20 Copper 0.0994 0.0993 0.1000 99.4 99.3 0.1 80-120 20 Molybdenum 0.0941	LCSD 2004/02	2/27-06.15-014		Extracted:	02/27/2	004		Analyze	ed: 03/	01/2004	1 08:53	
LCS LCSD LCS LCSD % Rec. RPD LCS Antimony 0.0935 0.0934 0.1000 93.5 93.4 0.1 80-120 20 Arsenic 0.0957 0.0957 0.1000 95.7 95.7 0.0 80-120 20 Barium 0.0933 0.0930 0.1000 93.3 93.0 0.3 80-120 20 Beryllium 0.0980 0.0977 0.1000 98.0 97.7 0.3 80-120 20 Cadmium 0.0932 0.0927 0.1000 93.2 92.7 0.5 80-120 20 Chromium 0.0962 0.0960 0.1000 96.2 96.0 0.2 80-120 20 Cobalt 0.0942 0.0938 0.1000 94.2 93.8 0.4 80-120 20 Copper 0.0945 0.0944 0.1000 94.5 94.4 0.1 80-120 20 Molybdenum 0.0941	Compound	Conc.	mg/wip	/wip Exp.Conc. Recovery %				Ctrl.Lin	nits %	Flags		
Arsenic 0.0957 0.0957 0.1000 95.7 95.7 0.0 80-120 20 Barlum 0.0933 0.0930 0.1000 93.3 93.0 0.3 80-120 20 Beryllium 0.0980 0.0977 0.1000 98.0 97.7 0.3 80-120 20 Cadmium 0.0932 0.0927 0.1000 93.2 92.7 0.5 80-120 20 Chromium 0.0962 0.0960 0.1000 96.2 96.0 0.2 80-120 20 Cobalt 0.0942 0.0938 0.1000 94.2 93.8 0.4 80-120 20 Copper 0.0994 0.0993 0.1000 99.4 99.3 0.1 80-120 20 Lead 0.0945 0.0944 0.1000 94.5 94.4 0.1 80-120 20 Molybdenum 0.0941 0.0939 0.1000 94.1 93.9 0.2 80-120 20		LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSE	
Barlum 0.0933 0.0930 0.1000 93.3 93.0 0.3 80-120 20 Beryllium 0.0980 0.0977 0.1000 98.0 97.7 0.3 80-120 20 Cadmium 0.0932 0.0927 0.1000 93.2 92.7 0.5 80-120 20 Chromium 0.0962 0.0960 0.1000 96.2 96.0 0.2 80-120 20 Cobalt 0.0942 0.0938 0.1000 94.2 93.8 0.4 80-120 20 Copper 0.0994 0.0993 0.1000 99.4 99.3 0.1 80-120 20 Lead 0.0945 0.0944 0.1000 94.5 94.4 0.1 80-120 20 Molybdenum 0.0941 0.0939 0.1000 94.1 93.9 0.2 80-120 20	Antimony	0.0935	0.0934	0.1000	93.5	93.4	0.1	80-120	20			
Beryllium 0.0980 0.0977 0.1000 98.0 97.7 0.3 80-120 20 Cadmium 0.0932 0.0927 0.1000 93.2 92.7 0.5 80-120 20 Chromium 0.0962 0.0960 0.1000 96.2 96.0 0.2 80-120 20 Cobalt 0.0942 0.0938 0.1000 94.2 93.8 0.4 80-120 20 Copper 0.0994 0.0993 0.1000 99.4 99.3 0.1 80-120 20 Lead 0.0945 0.0944 0.1000 94.5 94.4 0.1 80-120 20 Molybdenum 0.0941 0.0939 0.1000 94.1 93.9 0.2 80-120 20	Arsenic	0.0957	0.0957	0.1000	95.7	95.7	0.0	80-120	20			
Cadmium 0.0932 0.0927 0.1000 93.2 92.7 0.5 80-120 20 Chromium 0.0962 0.0960 0.1000 96.2 96.0 0.2 80-120 20 Cobalt 0.0942 0.0938 0.1000 94.2 93.8 0.4 80-120 20 Copper 0.0994 0.0993 0.1000 99.4 99.3 0.1 80-120 20 Lead 0.0945 0.0944 0.1000 94.5 94.4 0.1 80-120 20 Molybdenum 0.0941 0.0939 0.1000 94.1 93.9 0.2 80-120 20	Barium	0.0933	0.0930	0.1000	93.3	93.0	0.3	80-120	20			
Cadmium 0.0932 0.0927 0.1000 93.2 92.7 0.5 80-120 20 Chromium 0.0962 0.0960 0.1000 96.2 96.0 0.2 80-120 20 Cobalt 0.0942 0.0938 0.1000 94.2 93.8 0.4 80-120 20 Copper 0.0994 0.0993 0.1000 99.4 99.3 0.1 80-120 20 Lead 0.0945 0.0944 0.1000 94.5 94.4 0.1 80-120 20 Molybdenum 0.0941 0.0939 0.1000 94.1 93.9 0.2 80-120 20	Beryllium	0.0980	0.0977	0.1000	98.0	97.7	0.3	80-120	20			
Cobalt 0.0942 0.0938 0.1000 94.2 93.8 0.4 80-120 20 Copper 0.0994 0.0993 0.1000 99.4 99.3 0.1 80-120 20 Lead 0.0945 0.0944 0.1000 94.5 94.4 0.1 80-120 20 Molybdenum 0.0941 0.0939 0.1000 94.1 93.9 0.2 80-120 20	_	0.0932	0.0927	0.1000	93.2	92.7	0.5	80-120	20		1	
Cobalt 0.0942 0.0938 0.1000 94.2 93.8 0.4 80-120 20 Copper 0.0994 0.0993 0.1000 99.4 99.3 0.1 80-120 20 Lead 0.0945 0.0944 0.1000 94.5 94.4 0.1 80-120 20 Molybdenum 0.0941 0.0939 0.1000 94.1 93.9 0.2 80-120 20	Chromium	0.0962	0.0960	0.1000	96.2	96.0	0.2	80-120	20]	
Lead 0.0945 0.0944 0.1000 94.5 94.4 0.1 80-120 20 Molybdenum 0.0941 0.0939 0.1000 94.1 93.9 0.2 80-120 20		0.0942	0.0938	0.1000	94.2	93.8	0.4	80-120	20		1	
Molybdenum 0.0941 0.0939 0.1000 94.1 93.9 0.2 80-120 20	Copper	0.0994	0.0993	0.1000	99.4	99.3	0.1	80-120	20		i	
	Lead	0.0945	0.0944	0.1000	94.5	94.4	0.1	80-120	20			
	Molybdenum	0.0941	0.0939	0.1000	94.1	93.9	0.2	80-120	20		l	
141CAG1	Nickel	0.0945	0.0941	0.1000	94.5	94.1	0.4	80-120	20		1	

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20

20 20

STL

1220 Quarry Lane • Pleasanton CA 94566-4756

Phone: (925) 484-1919 • Fax: (925) 484-1096

STL San Francisco Chain of Custody
STL San Francisco Chain of Custody
Reference #: 83373

T A L IVI	- 			Email: sflogin@stl-inc.com Date						Date <u>z</u>	2-27-09 Page of													
Report To							·			Ana	alvsis	Regu	est					_		(
Attn: Don/ Asw-	70N				<u>ā</u>		-					de		_						Lay L		1		
Company: CLAY TON GRA	WP SKRVICKS IN	CS III	.	ا ق	Fuel Tests EPA 8260B: □ Gas □ BTEX □ Five Oxyenates □ DCA, EDB □ Ethand)Cs)		ε	608		14	Metals: ☐ Lead ☐ LUFT ☐ RCRA	Low Level Metals by EPA 200.8/6020 (ICP-MS):		Q	Ę.o	<u>.</u>		HRS-669407				
Address: 6920 Koss CNTR	PRIN #216	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Purgeable Aromatics BTEX EPA - □ 8021 □ 8260B	TEPH EPA 8015M ☐ Silica Gel ☐ Diesel ☐ Motor Oil ☐ Other _	88 ED8 ED8 ED8 ED8 ED8 ED8 ED8 ED8 ED8 E	Purgeable Halocarbons (HVOCs) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) □ EPA 8260B □ 624		☐ Petroleum ☐ Total	E 2	8310	CAM17 Metals EXCEPT (EPA 6010/7470/7471)	8	A 200.		Hexavalent Chromium pH (24h hold time for H ₂ O)	☐ Alkalinity ☐ TDS ☐	O SO, CI NO, O NO, O PO,	i	2 60	,			
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STL San Francisco

Sample Receipt Checklist

Submission #:2004- <u>02</u> - <u>0846</u>	
Checklist completed by: (initials) DSH Date: 02 127 104	
Courier name: ☐ STL San Francisco ☒ Client	
Custody seais intact on shipping container/samples	YesNo Present
Chain of custody present?	Yes No
Chain of custody signed when relinquished and received?	YesNo
Chain of custody agrees with sample labels?	Yes_ V No
Samples in proper container/bottle?	Yes No
Sample containers intact?	Yes No
Sufficient sample volume for indicated test?	Yes No
All samples received within holding time?	2 0 Yes_/_ No
Container/Temp Blank temperature in compliance (4 $^{ m O}$ C \pm 2)?	Temp: 13 °C Yes No No
	Ice Present YesNo
Water - VOA vials have zero headspace?	No VOA vials submittedYesNo
Water - pH acceptable upon receipt? ☐ Yes ☐ No ☐ pH adjusted— Preservative used: ☐ HNO₃ ☐ HCl ☐ H₂SO₄ ☐ For any item check-listed "No", provided detail of discrepancy in Comments:	NaOH □ ZnOAc –Lot #(s)
Project Management [Routing for instruction of i	ndicated discrepancy(ies)]
Project Manager: (initials) Date://04	
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Client contacted: ☐ Yes ☐ No	*
Summary of discussion:	
Corrective Action (per PM/Client):	
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