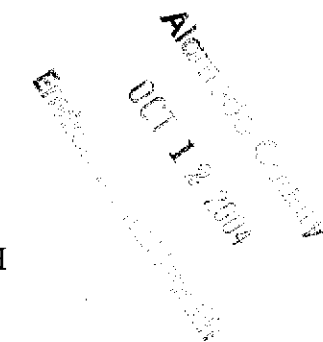


6920 Koll Center Parkway
Suite 216
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925.426.2600
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October 7, 2004

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,

A handwritten signature in black ink, appearing to read "Donald A. Ashton".

Donald A. Ashton, RG
Senior Geologist
Environmental Services

DAA/daa

Enclosure

6920 Koll Center Parkway
Suite 216
Pleasanton, CA 94566
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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,

A handwritten signature in black ink that reads "Donald A. Ashton". The signature is written in a cursive style and is positioned above a horizontal line.

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
Suite 216
Pleasanton, California 94566
925.426.2600**

CONTENTS

<u>Section</u>	<u>Page</u>
1. INTRODUCTION.....	1
2. BACKGROUND.....	1
3. SCOPE OF WORK.....	2
3.1. PRE-FIELD ACTIVITIES.....	2
3.2. SAMPLING ACTIVITIES, OBSERVATIONS AND MONITORING.....	2
3.2.1. Soil and Groundwater Sampling.....	3
3.2.1.1. Sampling Procedures.....	3
3.2.1.2. Former UST Area.....	4
3.2.1.3. Acid Wastewater and Sanitary Sewer Pipelines.....	5
3.2.1.4. Interior Laboratory Sampling.....	5
3.2.1.5. Former Hazardous Waste Storage Areas.....	6
3.2.1.6. South Property Boundary.....	6
3.2.2. Observations, Floor Wipe Sampling and Laboratory Monitoring.....	6
3.2.2.1. Observations.....	6
3.2.2.2. Wipe Sampling.....	8
3.2.2.3. Monitoring of Former Laboratory Areas.....	8
3.3. LABORATORY ANALYSES.....	9
4. ANALYTICAL RESULTS.....	10
4.1. FORMER UST AREA.....	10
4.2. ACID WASTEWATER AND SANITARY SEWER PIPELINES.....	10
4.3. FORMER HAZARDOUS WASTE STORAGE AREAS.....	11
4.4. SOUTH PROPERTY BOUNDARY.....	11
4.5. FLOOR WIPE SAMPLING.....	11
5. CONCLUSIONS AND RECOMMENDATIONS.....	12
6. LIMITATIONS.....	14

Tables

- 1 Summary of Sampling and Analytical Program
- 2 Summary of Soil Analytical Results
- 3 Summary of Groundwater Analytical Results
- 4 Summary of Wipe Analytical Results

CONTENTS

Figures

- 1 Sample Location Map
- 2 Site Plan with Borehole Locations
- 3 Groundwater Elevation Contour Map
- 4 Groundwater Sample Results
- 5 Lab Survey and Wipe Locations

Photographs

Appendices

- A Drilling Permit
- B Logs of Exploratory Borings
- C Laboratory Analytical Data Sheets and Chain-of-Custody Records

1. INTRODUCTION

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. BACKGROUND

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 notifying 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 locator, 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 through 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, 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 pre-chilled 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 (C^{137}) source rated at 1.0 microCurie (uCi). Monitoring was being conducted due to the reported former use of Cobalt 57 (Co^{57}) and Iodine 125 (I^{125}), both low level radiation emitters with short half lives. Co^{57} emits beta and gamma particle and has a half-life of 270 days. I^{125} 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 grab-groundwater 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. LIMITATIONS

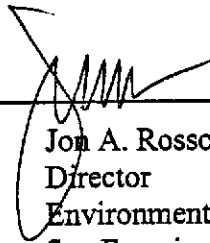
The information and opinions included in this report were given in response to a specific scope of work and should be considered and implemented only in light of that particular scope of work. The services provided by Clayton in completing this project have been provided in a manner consistent with the 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.

ZONE 7 WATER AGENCY

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

DRILLING PERMIT APPLICATION



FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 6511 GOLDEN GATE DRIVE
DUBLIN, CA 94568

PERMIT NUMBER 23170

WELL NUMBER _____

APN 941 1500 033 00

California Coordinates Source _____ Accuracy _____ ft.
CCN ft CCE _____ ft.
APN 941-1500-033

PERMIT CONDITIONS

Circled Permit Requirements Apply

CLIENT
Name SAFeway, INC.
Address 5918 STANBRIDGE MALL RD Phone 925-467-3045
City PLEASANTON, CA Zip 94588

A. GENERAL

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

APPLICANT
Name DONALD ASHTON
CLAYTON GROUP SERVICES INC Fax 925-426-0100
Address 920 KOLL CNTR PKWY #216 Phone 925-426-2679
City PLEASANTON, CA Zip 94566-3706

B. WATER SUPPLY WELLS

1. Minimum surface seal diameter is four inches greater than the well casing diameter.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.
3. Grout placed by tremie.
4. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
5. A sample port is required on the discharge pipe near the wellhead.

TYPE OF PROJECT:
Well Construction Geotechnical Investigation
Well Destruction Contamination Investigation
Cathodic Protection Other _____

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS

1. Minimum surface seal diameter is four inches greater than the well or piezometer casing diameter.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.
3. Grout placed by tremie.

PROPOSED WELL USE:
Domestic Irrigation
Municipal Remediation
Industrial Groundwater Monitoring
Dewatering Other _____

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

DRILLING METHOD:
Mud Rotary Air Rotary Hollow Stem Auger
Cable Tool Direct Push Other _____

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

DRILLING COMPANY VIRONEX, INC
DRILLER'S LICENSE NO. CS7 - 705927

F. WELL DESTRUCTION. See attached.

WELL SPECIFICATIONS:
Drill Hole Diameter _____ in. Maximum _____ ft.
Casing Diameter _____ in. Depth _____ ft.
Surface Seal Depth _____ ft. Number _____

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

SOIL BORINGS:
Number of Borings 7 Maximum _____
Hole Diameter 2 in. Depth 20 ft.

ESTIMATED STARTING DATE 12-18-03 THURSDAY FRI
ESTIMATED COMPLETION DATE 12-18-03 W

NOTES: SOIL AND GRAB - GROUNDWATER SAMPLING 12-19-03

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-88.

Approved Wyman Hong Date 12/15/03

APPLICANT'S SIGNATURE Don A. Ashton Date 12-11-03

ATTACH SITE PLAN OR SKETCH



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.

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 PAGES
1-15-04



FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 6511 GOLDEN GATE DR
DUBLIN, CA 94568

PERMIT NUMBER 24005
WELL NUMBER _____
APN _____

California Coordinates Source _____ Accuracy: _____ ft.
CCN _____ ft. CCE _____ ft.
APN 941-1500-033

PERMIT CONDITIONS

Circled Permit Requirements Apply

CLIENT
Name SAFeway, INC.
Address 5918 STANBRIDGE MALL Phone 925-467-3945
City PLEASANTON, CA Zip 94588

A. GENERAL

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

APPLICANT
Name DONALD ASHTON
Address CLAYTON GROUP SERVICES Fax 925-426-0106
Address 6720 KOLL CNTR PKWY #216 Phone 925-426-2679
City PLEASANTON, CA Zip 94566

B. WATER SUPPLY WELLS

1. Minimum surface seal diameter is four inches greater than the well casing diameter.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.
3. Grout placed by tremie.
4. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
5. A sample port is required on the discharge pipe near the wellhead.

TYPE OF PROJECT:
Well Construction Geotechnical Investigation
Well Destruction Contamination Investigation
Cathodic Protection Other _____

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS

1. Minimum surface seal diameter is four inches greater than the well or piezometer casing diameter.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.
3. Grout placed by tremie.

PROPOSED WELL USE:
Domestic Irrigation
Municipal Remediation
Industrial Groundwater Monitoring
Dewatering Other _____

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

DRILLING METHOD:
Mud Rotary Air Rotary Hollow Stem Auger
Cable Tool Direct Push Other _____

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

DRILLING COMPANY Environmental Control Associates
DRILLER'S LICENSE NO. 657-695970

F. WELL DESTRUCTION. See attached. G. SPECIAL CONDITIONS: Submit to Zone 7 within 60 days after completion of permitted work the well installation report including all soil and water laboratory analysis results.

WELL SPECIFICATIONS:
Drill Hole Diameter _____ in. Maximum _____
Casing Diameter _____ in. Depth _____ ft.
Surface Seal Depth _____ ft. Number _____

SOIL BORINGS:
Number of Borings 6 Maximum _____
Hole Diameter 2 in. Depth 20 ft.

ESTIMATED STARTING DATE 1-22-04 THURSDAY
ESTIMATED COMPLETION DATE 1-23-04 FRIDAY

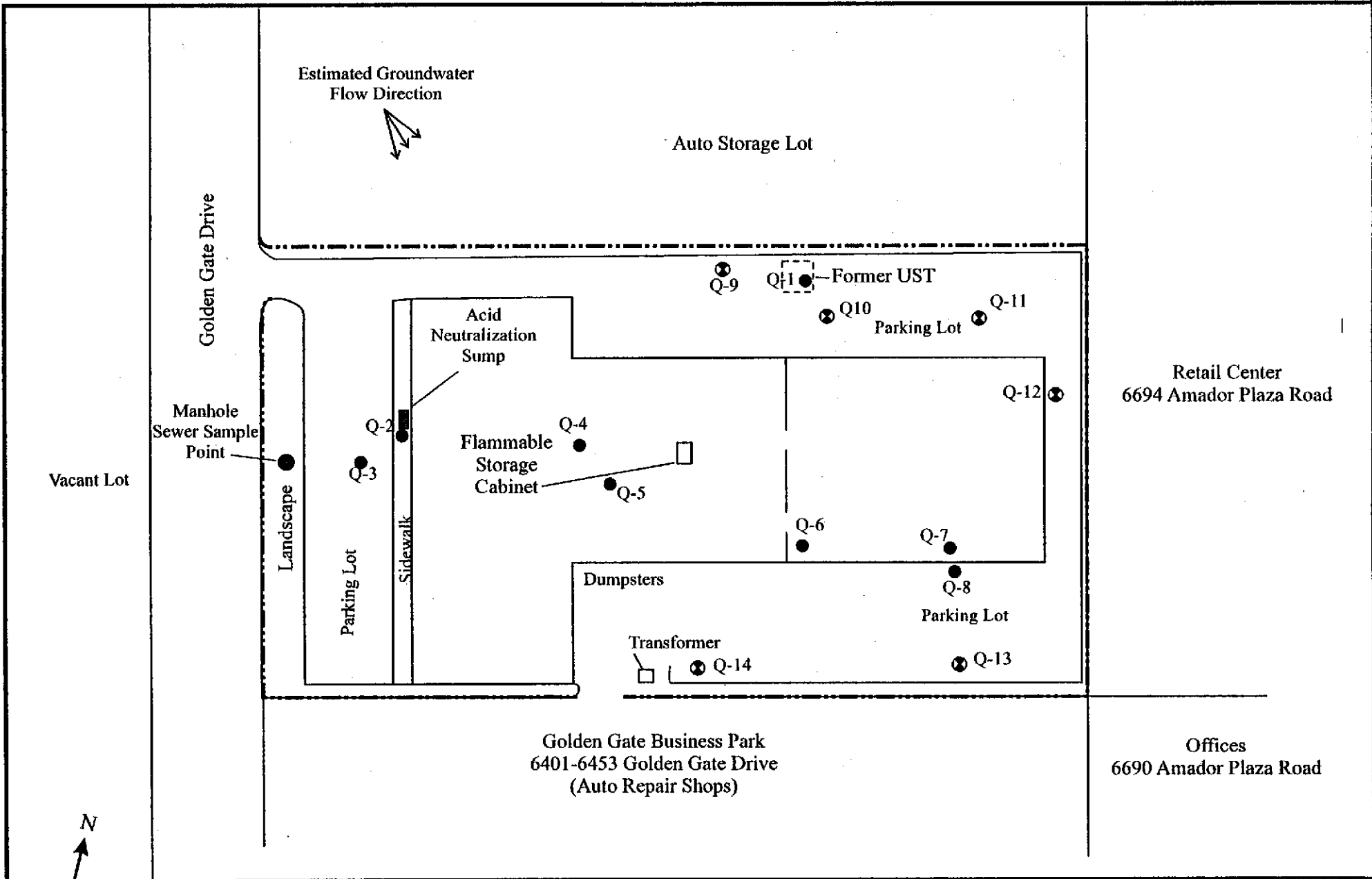
NOTE: SOIL & GROUNDWATER SAMPLING
TO LEAVE BOREHOLES OPEN OVERNIGHT TO GET DEPTH TO GW MEASUREMENTS - HOLES WILL BE COVERED WITH METAL PLATES FOLLOWING IN BUREAU AND SIGNED PERMITS
I hereby agree to comply with all requirements of this permit and Alameda

Approved Wyman Hong Date 1/15/04
Wyman Hong

County Ordinance No. 73-88.
APPLICANT'S SIGNATURE Ronald A. Ashton Date 1-15-2004

ATTACH SITE PLAN OR SKETCH

NOTE: SECOND PHASE OF SAMPLING (PRIME PERMIT NO. 23170)
SEE ATTACHED FIGURE



LEGEND		SAMPLE LOCATION PLAN		FIGURE	
---	Approximate Subject Property Boundary	Former Quest Laboratory 6511 Golden Gate Drive Dublin, California		1	
●	Clayton Borehole/Sample Location 12-19-03	Clayton Proposal No. 03SFOES386			
⊗	Proposed Borehole/Sample Location				

APPENDIX B

LOGS OF EXPLORATORY BORINGS



LOG OF EXPLORATORY BORING

PROJECT NO.: 70-04429.01 DATE: 12/19/03 BORING NO. Q-1
 CLIENT: SAFEWAY
 LOCATION: 6511 GOLDEN GATE DRIVE, DUBLIN Sheet 1
 LOGGED BY: NLN DRILLER: ECA of 1

Field location of boring:

GOLDEN GATE DRIVE



± 0-1

Ground Elev.:

Datum:

Drilling Method: GEOPROBE Drill Rig Model: Hole Dia.: 2 IN.

Boring Completion Date: BOTTOM OF BORING @ 20 FT.
 BACKFILLED WITH NEAT CEMENT

PID (ppm)	Recovery (ft./ft.)	Depth	Sample Interval	Soil Group Symbol (USCS)	Lithographic Symbol	Depth To	18 ft.	Depth To	9.2 ft.	DESCRIPTION
						Time		Time		
						Date		Date		
		1		FILL/CL						~2 IN. ASPHALT, ~1 IN. GRAVEL BASE MATERIAL
		2								FILL, SANDY LEAN CLAY WITH SILT, LIGHT BROWN, SOME SMALL BRICK AND CONCRETE DEBRIS, VERY STIFF, DAMP
3.8	3/4	3	B							FILL, POORLY GRADED SAND, LIGHT BROWN, MEDIUM TO FINE GRAINED, DAMP, LOOSE, NO HYDROCARBON ODOR
		4	X							
		5								
		6								
8.5	3/4	7	B	FILL/SP						
		8	X							POCKETS OF VERY DARK BROWN SILTY CLAY, SOME GRAVELS INCREASING WITH DEPTH, MOIST
		9								
		10								
66.1	1/4	11	B							
		12	X							
		13								SILTY LEAN CLAY WITH SAND, LIGHT BROWN, SOME RUST COLORED STAINING, FIRM, MOIST
		14								
		15								DECREASING SAND, INCREASING SILT AND MOISTURE
	1/4	16	B	CL						SATURATED
		17	X							
		18								SLIGHT HYDROCARBON ODOR, BECOMING GREENISH GRAY IN COLOR
		19								
63	<1/4		B							NO HYDROCARBON ODOR NOTED IN SHOE
			X							

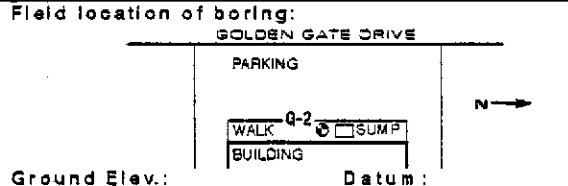
BORING TERMINATED @ 20 FT. BGS



LOG OF EXPLORATORY BORING

PROJECT NO.: 70-04429.01 DATE: 12/19/03
 CLIENT: SAFeway
 LOCATION: 6511 GOLDEN GATE DRIVE, DUBLIN
 LOGGED BY: D. ASHTON DRILLER: ECA

BORING NO. **Q-2**
 Sheet 1 of 1



Drilling Method: GEOPROBE Drill Rig Model: Hole Dia.: 2 IN.
 Boring Completion Data: BOTTOM OF BORING @ 20 FT.
 BACKFILLED WITH NEAT CEMENT
 SURFACE CONCRETE TO WALK LEVEL

Ground Elev.: Datum:

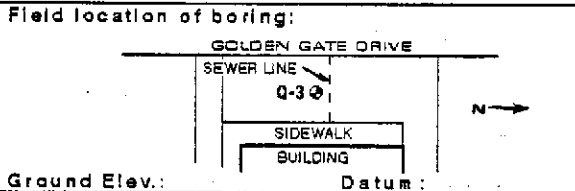
PID (ppm)	Recovery (ft./ft.)	Depth	Sample Interval	Soil Group Symbol (USCS)	Litho-graphic Symbol	Depth To		DESCRIPTION
						Time	Date	
						14.4 ft.	08:55	2 IN. CONCRETE WALK
		1						2 IN. TO 6 IN., VOID
		2						6 IN. TO 8 IN., BASE MATERIAL, GRAVELLY SAND, LIGHT GRAY, LOOSE, DRY
		3						CLAY TO SILTY CLAY, DARK GRAY TO DARK BROWN, FINES (95-100%), MED. LOW PLASTICITY, TRACE SAND (5%), MOTTLED, DAMP, NO HYDROCARBON ODOR
0.7	3/4	4	B X	CL				
		5						
		6						
		7						@ 6-6.5 FT. TRACE COARSE SAND IN CLAY, COARSE GRAVEL (QUARTZITE) 1 IN.
0.7		8	B X					SILT AND SILT WITH SAND, LIGHT BROWN, FINES (95-100%), LOW PLASTICITY, SAND FINE TO MED. (0-5%), RARE SILTSTONE CLAST, MOIST, NO HYDROCARBON ODOR, FIRM
		9						
		10						
1.2	4/4	11	B X	ML				@ 11 FT. SILTSTONE CLASTS, FRACTURED ~ 1 IN.
		12						
		13						
		14						
0.7	4/4	15	B X	ML				
		16						SILT, LIGHT BROWN, FINES (100%), LOW PLASTICITY, SOFT, WET, NO HYDROCARBON ODOR
		17						
		18						CLAY, DARK GRAY, FINES (100%), PLASTIC, DAMP TO WET, SATURATED, MOTTLED RED, SOFT
		19	B X	CL				
0.7	4/4							NO HYDROCARBON ODOR NOTED IN SHOE

BORING TERMINATED @ 20 FT. BGS



LOG OF EXPLORATORY BORING

PROJECT NO.: 70-04429.01 DATE: 12/19/03 BORING NO. **Q-3**
 CLIENT: SAFEWAY
 LOCATION: 6511 GOLDEN GATE DRIVE, DUBLIN Sheet 1
 LOGGED BY: NLN DRILLER: ECA of 1



Drilling Method: GEOPROBE Drill Rig Model: _____ Hole Dia.: 2 IN.
 Boring Completion Data: BOTTOM OF BORING @ 12 FT.
BACKFILLED WITH NEAT CEMENT
NO GROUNDWATER ENCOUNTERED

PID (ppm)	Recovery (ft./ft.)	Depth	Sample Interval	Soil Group Symbol (USCS)	Litho-graphic Symbol	Depth To		DESCRIPTION
						Time	Date	
		1		CL				1-2 IN. ASPHALT
		2		CL				2 IN. TO 6 IN., GRAVEL MINUS BASE MATERIAL
		3		CL				LEAN CLAY WITH SILT, VERY DARK GRAY, DAMP, STIFF, NO HYDROCARBON ODOR
0.7	3/4	4	B X	CL				SILTY LEAN CLAY WITH SAND, LIGHT BROWN, TRACE SUBROUNDED PEBBLES, DAMP, STIFF
		5		CL				INCREASING MOISTURE
		6		CL				SOME ~2 IN. GRAVEL
1.2	3/4	7	B X	CL				BECOMING DARK BROWN WITH SOME FINE TO MED. GRAINED SAND, MOIST, FIRM
		8		CL				
		9		CL				
		10		CL				
0.7	4/4	11	B X	CL				INCREASING FINE GRAINED SAND, SOFT, MOIST, NO HYDROCARBON ODOR
		12		CL				BORING TERMINATED @ 12 FT. BGS
		13						
		14						
		15						
		16						
		17						
		18						
		19						



LOG OF EXPLORATORY BORING

PROJECT NO.: 70-04429.01	DATE: 12/19/03	BORING NO. Q-4
CLIENT: SAFEWAY	Sheet 1 of 1	
LOCATION: 6511 GOLDEN GATE DRIVE, DUBLIN		
LOGGED BY: NLN	DRILLER: ECA	

Field location of boring:

GOLDEN GATE DRIVE



Ground Elev.: _____ Datum: _____

Drilling Method: GEOPROBE Drill Rig Model: PORTABLE Hole Dia.: 2 IN.
 Boring Completion Data: BACKFILLED WITH NEAT CEMENT

PID (ppm)	Recovery (ft./ft.)	Depth	Sample Interval	Soil Group Symbol (USCS)	Lithographic Symbol	Depth To		DESCRIPTION
						Time	Date	
		1			XXXXXX			0-4 IN. CONCRETE SLAB WITH VINYL TILE
		2			XXXXXX			4 IN. GRAVEL BASE
		3			XXXXXX			SILTY CLAY WITH SAND, DARK TO LIGHT BROWN, FINE GRAINED SAND (TRACE TO 10%), STIFF, DAMP, NO HYDROCARBON ODOR
		4			XXXXXX			
5680		5	B X	CL	XXXXXX			
		6			XXXXXX			@ 6.5-6.6 FT., SILTY CLAY, BLACK TO DARK MOTTLED GRAY
		7			XXXXXX			SILTSTONE FRAGMENTS TO 1 IN., ANGULAR, STIFF, DAMP, FRABLE, NO HYDROCARBON ODOR
10		8			XXXXXX			@ 7.5 FT., SILTY CLAY, LIGHT BROWN
		9	B X		XXXXXX			BORING TERMINATED @ 9 FT. BGS
		10						
		11						
		12						
		13						
		14						
		15						
		16						
		17						
		18						
		19						



LOG OF EXPLORATORY BORING

PROJECT NO.: 70-04429.01 DATE: 12/19/03 BORING NO. Q-5
 CLIENT: SAFEWAY Sheet 1 of 1
 LOCATION: 6511 GOLDEN GATE DRIVE, DUBLIN
 LOGGED BY: NLN DRILLER: ECA

Field location of boring:

GOLDEN GATE DRIVE



Ground Elev.:

Datum:

Drilling Method: GEOPROBE Drill Rig Model: PORTABLE Hole Dia.: 2 IN.

Boring Completion Data: BORING TERMINATED @ 17 FT. BGS

BACKFILLED WITH NEAT CEMENT

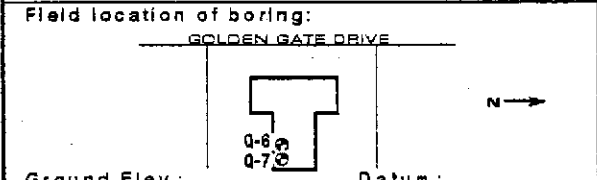
SURFACE SEAL CONCRETE TO FLOOR LEVEL

PID (ppm)	Recovery (ft./ft.)	Depth	Sample Interval	Soil Group Symbol (USCS)	Litho-graphic Symbol	Depth To	14.5 ft.	Depth To	DESCRIPTION
						Time		Time	
						Date		Date	
									B = BAG Sample X = Screen Sample
		1							CONCRETE SLAB WITH VINYL TILE
									GRAVEL BASE MATERIAL
		2							SILTY LEAN CLAY WITH SAND, LIGHT BROWN, FRIABLE, FINE GRAINED SAND, TRACE ANGULAR PEBBLES, NO HYDROCARBON ODOR
0.7	2/3		B						
		3	X						
		4							SILTY LEAN CLAY, DARK BROWN, FRIABLE, TRACE FINE GRAINED SAND AND SILTSTONE FRAGMENTS, VERY STIFF, DAMP
28.5	1.5/2		B						
		5	X						
		6		CL					INCREASING SAND
7.0	1.5/2		B						TRACE GRAVEL <2 IN.
		7	X						
		8							
4.9	2/2		B						
		9	X						
		10							
	2/2	11							INCREASING MOISTURE
		12							
2.4	2/2		B						SANDY LEAN CLAY WITH SILT, LIGHT BROWN, SUBANGULAR SILTSTONE FRAGMENTS, MOIST, FIRM
		13	X						
		14		CL					INCREASING SILT, DECREASING SAND
		15							
		16		ML					SILTY WITH CLAY, LIGHT BROWN, WET, FIRM, NO HYDROCARBON ODOR
63.4	2/2		B						
		17	X	CL					SILTY LEAN CLAY, LIGHT BROWN, WET, FIRM
		18							BORING TERMINATED @ 17 FT. BGS
		19							



LOG OF EXPLORATORY BORING

PROJECT NO.: 70-04429.01	DATE: 12/19/03	BORING NO. Q-6
CLIENT: SAFEWAY		Sheet 1 of 1
LOCATION: 6511 GOLDEN GATE DRIVE, DUBLIN		
LOGGED BY: NLN	DRILLER: ECA	



Drilling Method: GEOPROBE Drill Rig Model: PORTABLE Hole Dia.: 2 IN.

Boring Completion Data: BORING TERMINATED @ 17 FT. BGS
BACKFILLED WITH NEAT CEMENT
SURFACE SEAL CONCRETE TO FLOOR LEVEL

PID (ppm)	Recovery (ft./ft.)	Depth	Sample Interval	Soil Group Symbol (USCS)	Litho-graphic Symbol	Depth To		DESCRIPTION
						Time	Date	
		1		CL	XXXXXX			VINYL TILE, CONCRETE
		2	B		XXXXXX			GRAVEL BASE MATERIAL
2.3	3/3	3	X		XXXXXX			SILTY LEAN CLAY, VERY DARK BROWN TO BLACK, WITH SOME SAND AND GRAVEL, NO HYDROCARBON ODOR
		4						BORING TERMINATED @ 3 FT. BGS
		5						
		6						
		7						
		8						
		9						
		10						
		11						
		12						
		13						
		14						
		15						
		16						
		17						
		18						
		19						

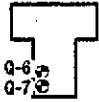


LOG OF EXPLORATORY BORING

PROJECT NO.: 70-04429.01	DATE: 12/19/03	BORING NO. Q-7
CLIENT: SAFEWAY	Sheet 1 of 1	
LOCATION: 6511 GOLDEN GATE DRIVE, DUBLIN		
LOGGED BY: NLN	DRILLER: ECA	

Field location of boring:

GOLDEN GATE DRIVE



Ground Elev.:

Datum:

Drilling Method: GEOPROBE Drill Rig Model: PORTABLE Hole Dia.: 2 IN.

Boring Completion Data: BORING TERMINATED @ 17 FT. BGS

BACKFILLED WITH NEAT CEMENT

SURFACE SEAL CONCRETE TO FLOOR LEVEL

PID (ppm)	Recovery (ft./ft.)	Depth	Sample Interval	Soil Group Symbol (USCS)	Lithographic Symbol	Depth To		DESCRIPTION
						Time	Date	
					XXXXXX 0.0 0.2 0.3 0.3			VINYL TILE, CONCRETE
		1			XXXXXX 0.0 0.2 0.3 0.3			GRAVEL BASE MATERIAL
		2		CL	XXXXXX 0.0 0.2 0.3 0.3			SILTY LEAN CLAY, VERY DARK BROWN TO BLACK, WITH SOME SAND AND GRAVEL, NO HYDROCARBON ODOR
2.7		2	B					
	3/3	3	X					
		3						BORING TERMINATED @ 3 FT. BGS
		4						
		5						
		6						
		7						
		8						
		9						
		10						
		11						
		12						
		13						
		14						
		15						
		16						
		17						
		18						
		19						

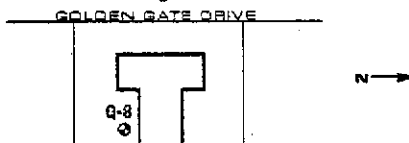


LOG OF EXPLORATORY BORING

PROJECT NO.: 70-04429.01 DATE: 12/19/03
 CLIENT: SAFeway
 LOCATION: 6511 GOLDEN GATE DRIVE, DUBLIN
 LOGGED BY: NLN DRILLER: ECA

BORING NO. **Q-8**
 Sheet 1 of 1

Field location of boring:



Drilling Method: GEOPROBE Drill Rig Model: Hole Dia.: 2 IN.

Boring Completion Data: BORING TERMINATED @ 20 FT. BGS
 BACKFILLED WITH NEAT CEMENT

Ground Elev.: Datum:

PID (ppm)	Recovery (ft./ft.)	Depth	Sample Interval	Soil Group Symbol (USCS)	Lithographic Symbol	Depth To		B = BAG Sample X = Screen Sample
						Time	Date	
						16.5 ft.	14.4 ft.	
						14:00	15:00	

DESCRIPTION									
									1 IN. ASPHALT
									GRAVEL BASE MATERIAL
		1							SILTY LEAN CLAY, VERY DARK BROWN TO BLACK, WITH GRAVEL AND SOME FINE GRAINED SAND, DAMP, VERY STIFF, MEDIUM PLASTICITY, NO HYDROCARBON ODOR
		2							
1.8		3							
	3/4	4	B						SUBANGULAR GRAVELS >2 IN.
		5	X						
		6			CL				BECOMING DARK BROWN IN COLOR
		7							
3.8		8	B						SLIGHT HYDROCARBON ODOR
	4/4	9	X						
		10							
		11							CLAYEY SILT, LIGHT BROWN, LITTLE FINE GRAINED SAND, DAMP, STIFF
7.0		12	B		ML				
	3/4	13	X						
		14							SILTY LEAN CLAY, LIGHT BROWN, TRACE COARSE GRAINED SAND, SOME RUST COLORED STAINING. MOIST, MEDIUM STIFF, NO HYDROCARBON ODOR
		15							
5.1		16	B						
	3/4	17	X						4 IN. THICK POCKET OF ANGULAR GRAVELS, >2 IN., SATURATED, SLIGHT HYDROCARBON ODOR
		18							
		19							
1.8		20	B						
	3/4		X						

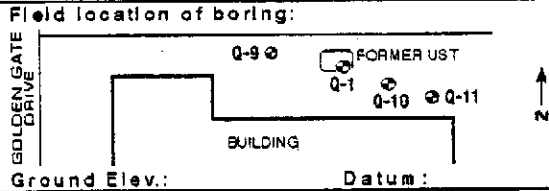
BORING TERMINATED @ 20 FT. BGS



LOG OF EXPLORATORY BORING

PROJECT NO.: 70-04429.01 DATE: 1/22/04
 CLIENT: SAFEWAY
 LOCATION: 6511 GOLDEN GATE DRIVE, DUBLIN
 LOGGED BY: D. ASHTON/DS DRILLER: ECA

BORING NO. **Q-9**
 Sheet 1 of 1



Drilling Method: DPT Drill Rig Model: GEOPROBE Hole Dia.: 2 IN.
 Boring Completion Data: BORING TERMINATED @ 20 FT. BGS
 INSTALL TEMP WALL CASING SAMPLE AND REMOVE
 BACKFILLED WITH NEAT CEMENT TO SURFACE

PID (ppm)	Recovery (ft./ft.)	Depth	Sample Interval	Soil Group Symbol (USCS)	Lithographic Symbol	Depth To		DESCRIPTION
						Time	Date	
						13.88 ft.	13.88 ft.	B = BAG Sample X = Screen Sample
						11:54	12:41	
		1			0-2 IN. ASPHALT			
		2			GRAVEL BASE MATERIAL			
		3			SILTY CLAY TO CLAY, BROWN TO DARK BROWN, FINES (95-100%), SLIGHTLY PLASTIC, TRACE			
		4			(0-5%) GRAVEL TO 3/4 IN., ANGULAR, ROOTLETS, DRY, STIFF, NO HYDROCARBON ODOR			
7.5	3/4	4	B X					
		5						
		6						
		7	B X					
6.4	4/4	8						
		9						
		10						
		11	B X					
8.0	3.5/4	12						
		13						
		14						
		15	B X					
7.0	4/4	16						
		17						
		18						
		19	B X					
5.9	4/4	19						

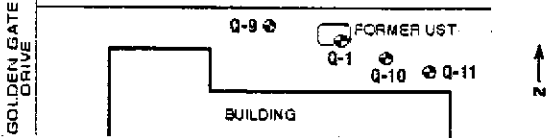
BORING TERMINATED @ 20 FT. BGS



LOG OF EXPLORATORY BORING

PROJECT NO.: 70-04429.01	DATE: 1/22/04	BORING NO. Q-10
CLIENT: SAFEWAY		Sheet 1 of 1
LOCATION: 6511 GOLDEN GATE DRIVE, DUBLIN		
LOGGED BY: D. ASHTON	DRILLER: ECA	

Field location of boring:



Drilling Method: GEOPROBE Drill Rig Model: Hole Dia.: 2 IN.

Boring Completion Data: BORING TERMINATED @ 20 FT. BGS
 REMOVED TEMP WELL CASING
 BACKFILLED WITH NEAT CEMENT TO SURFACE

Ground Elev.: Datum:

PID (ppm)	Recovery (ft./ft.)	Depth	Sample Interval	Soil Group Symbol (USCS)	Litho-graphic Symbol	Depth To		DESCRIPTION
						Time	Date	
					▽	14.45 ft	08:30	2 IN. ASPHALT
		1			▽	14.45 ft	09:50	GRAVEL BASE MATERIAL
		2						CLAY, DARK BROWN, FINES (95-100%), SLIGHTLY PLASTIC, TRACE GRAVEL (0-5%) TO 3/4 IN., ANGULAR, ROOTLETS, DRY, STIFF, NO HYDROCARBON ODOR
1.6	3.5/4	3	B	CL				
		4	X					
		5						
		6						
3.5	3.5/4	7	B	CL				
		8	X					
		9						CLAYEY SILT, OLIVE BROWN, FINES (95%), LOW PLASTICITY, TRACE SAND, TRACE GRAVEL TO 2 IN., ANGULAR, DRY, NO HYDROCARBON ODOR
		10		ML				
4.0	4/4	11	B	ML				
		12	X					
		13						CLAY, OLIVE BROWN, FINES (100%), MEDIUM PLASTICITY, NO HYDROCARBON ODOR
		14		CL	▽			
3.8	4/4	15	B	CL				
		16	X					
		17						CLAYEY SILT, BROWN, FINES (100%), LOW PLASTICITY, WET, NO HYDROCARBON ODOR
		18		ML				
		19	B	ML				
4/4		20	X					

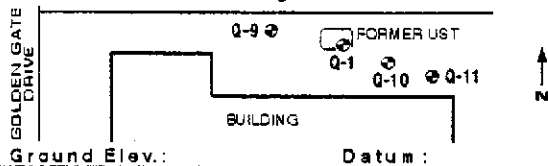
BORING TERMINATED @ 20 FT. BGS



LOG OF EXPLORATORY BORING

PROJECT NO.: 70-04429.01	DATE: 1/22/04	BORING NO. Q-11 Sheet 1 of 1
CLIENT: SAFEWAY		
LOCATION: 6511 GOLDEN GATE DRIVE, DUBLIN		
LOGGED BY: D. ASHTON/DS	DRILLER: ECA	

Field location of boring:



Drilling Method: GEOPROBE	Drill Rig Model:	Hole Dia.: 2 IN.
Boring Completion Data: BORING TERMINATED @ 20 FT. BGS		
REMOVED TEMP WELL CASING		
BACKFILLED WITH NEAT CEMENT TO SURFACE		

PID (ppm)	Recovery (ft./ft.)	Depth	Sample Interval	Soil Group Symbol (USCS)	Lithographic Symbol	Depth To		DESCRIPTION
						Time	Date	
		1				15.6 ft.	15.58 ft.	B = BAG Sample X = Screen Sample
		2				09.49	10.14	
		3						
1.9	3.4/4	4	B X	CL				
		5						
		6						
3.8	3.5/4	7	B X					
		8						
		9						
		10						
5.8	4/4	11	B X					
		12						
		13						
		14						
6.2	4/4	15	B X	ML/CL				
		16						
		17						
		18						
7.2	4/4	19	B X					
		20						

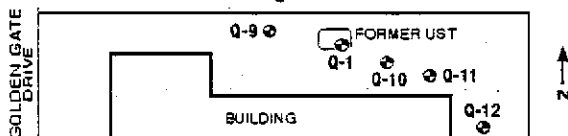
BORING TERMINATED @ 20 FT. BGS



LOG OF EXPLORATORY BORING

PROJECT NO.: 70-04429.01 DATE: 1/22/04 BORING NO. Q-12
 CLIENT: SAFEWAY Sheet 1
 LOCATION: 6511 GOLDEN GATE DRIVE, DUBLIN of 1
 LOGGED BY: D. ASHTON/DS DRILLER: ECA

Field location of boring:



Ground Elev.: Datum:

Drilling Method: DPT Drill Rig Model: GEOPROBE Hole Dia.: 2 IN.
 Boring Completion Data: BORING TERMINATED @ 20 FT. BGS
 REMOVED TEMP WELL CASING
 BACKFILLED WITH NEAT CEMENT TO SURFACE

PID (ppm)	Recovery (ft./ft.)	Depth	Sample Interval	Soil Group Symbol (USCS)	Litho-graphic Symbol	Depth To		DESCRIPTION
						Time	Date	
		1				15.52 ft.	15.53 ft.	B = BAG Sample X = Screen Sample
		2				09.58	11.44	
		3	B	CL				2 IN. ASPHALT
4.2	3.2/4	4	X			GRAVEL BASE MATERIAL		
		5				CLAY, DARK BROWN TO BLACK, FINES (100%), LOW PLASTIC, TRACE FINE SAND, DRY TO DAMP, NO HYDROCARBON ODOR		
		6						
		7	B	ML/CL				
5.4	3.8/4	8	X			CLAYEY SILT TO SILTY CLAY, LIGHT BROWN, FINES (100%), LOW PLASTICITY, TRACE FINE SAND, DAMP, STIFF, NO HYDROCARBON ODOR		
		9						
		10						
		11	B	CL				
4.2	4/4	12	X			CLAY, LIGHT BROWN, FINES (100%), LOW TO MEDIUM PLASTICITY, TRACE FINE SAND, RARE GRAVEL TO 3/4 IN., DAMP TO WET, FAINT HYDROCARBON ODOR		
		13						
		14						
		15	B	CL				
5.2	4/4	16	X					
		17						
		18						
		19	B	CL				
5.3	4/4	20	X					

BORING TERMINATED @ 20 FT. BGS



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. 70-04429.00	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
	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date October 23, 2003



Clayton Project No. 70-04429.00	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
	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date December 2, 2003



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



Clayton Project No. 70-04429.00	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
	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date October 6, 2003



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



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



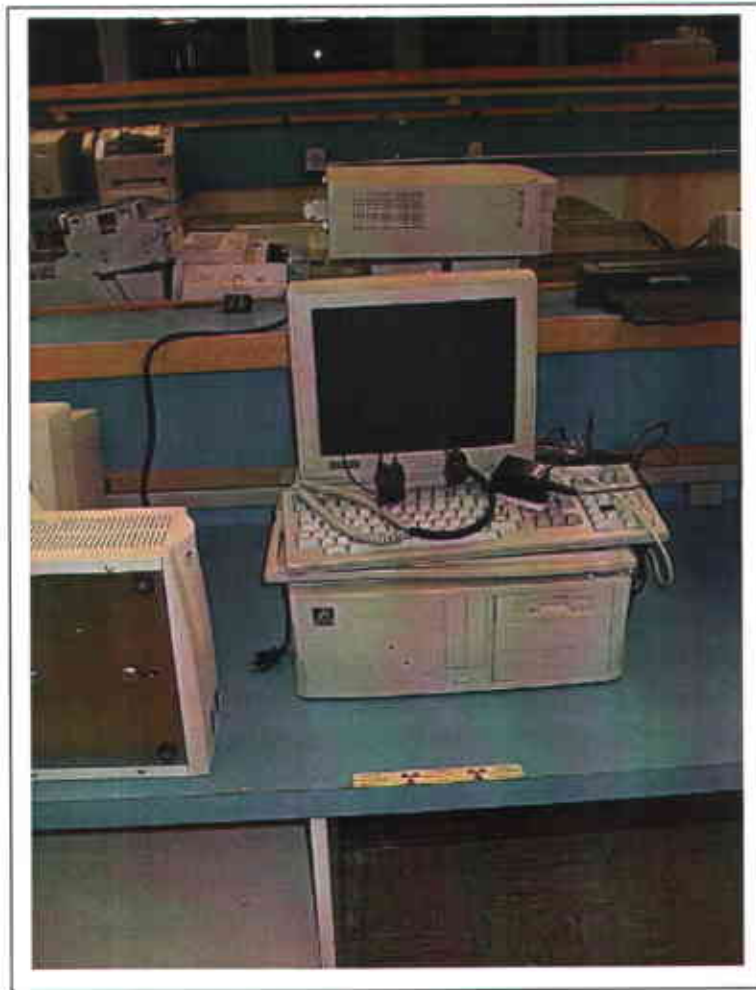
Clayton Project No. 70-04429.00	Description	Westerly view of the dumpster and HVAC condensers, south side of the building	8
	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date October 6, 2003



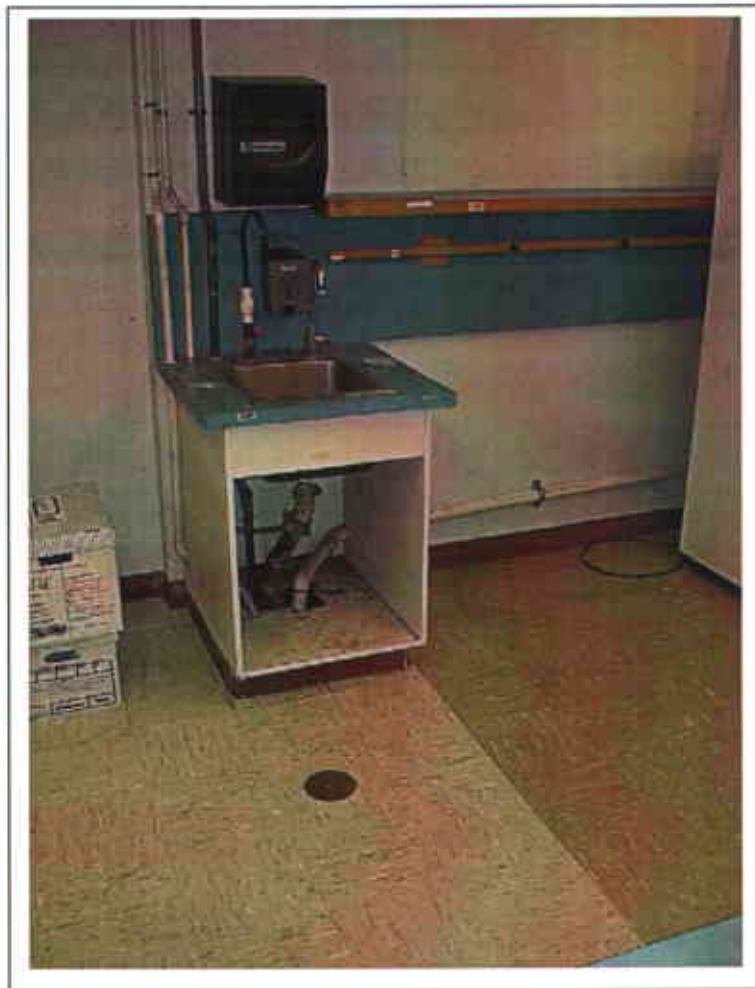
Clayton Project No. 70-04429.00	Description	Electrical transformer by the south mid-property boundary	9
	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date October 6, 2003



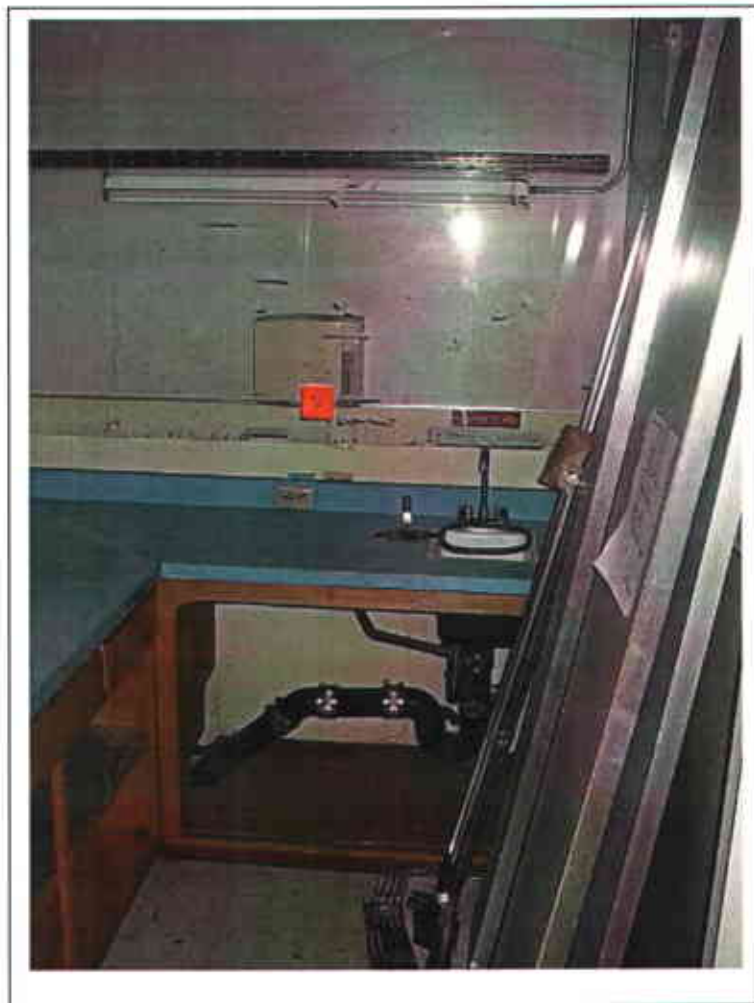
Clayton Project No. 70-04429.00	Description	North central laboratory area, view to east, reported former toxicology testing area to left	10
	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date October 6, 2003



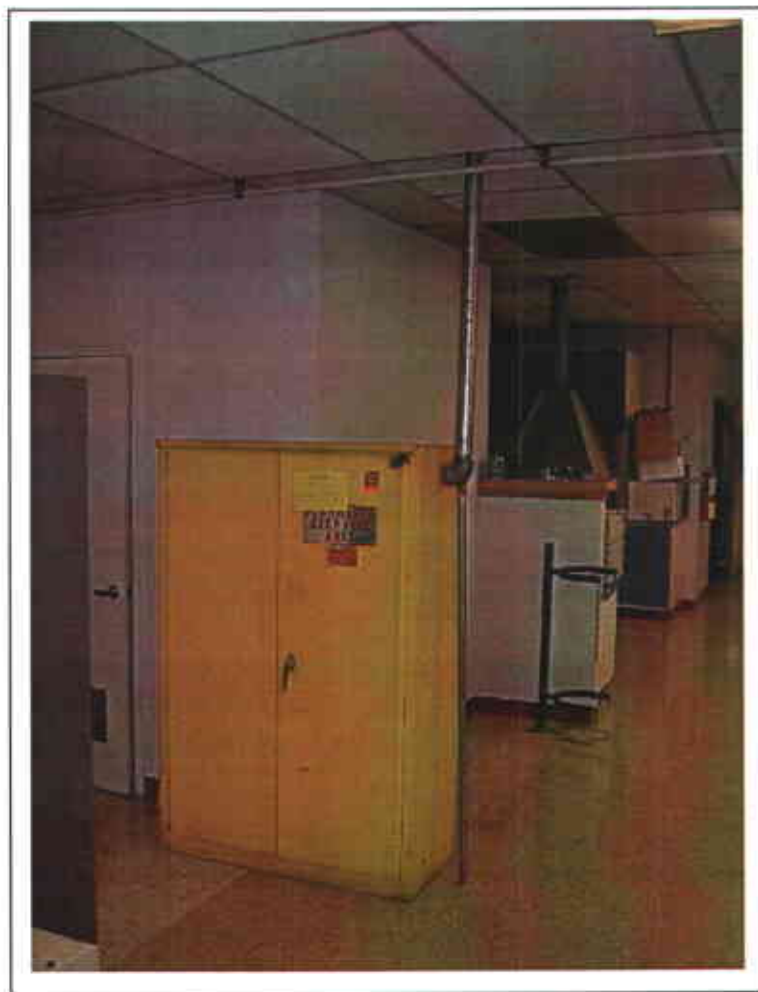
Clayton Project No. 70-04429.00	Description	South central laboratory area in reported RIA area. Note radioactive materials warning label on counter top.	11
	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date October 6, 2003



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



Clayton Project No. 70-04429.00	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
	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date December 2, 2003



Clayton Project No. 70-04429.00	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
	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date October 6, 2003



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



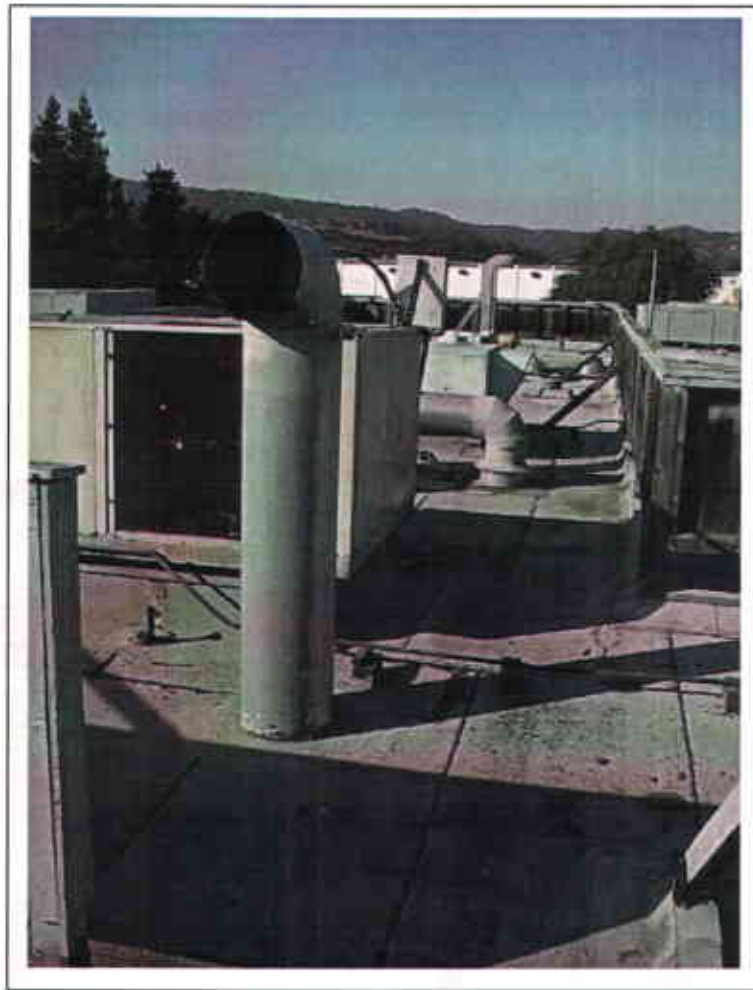
Clayton Project No. 70-04429.00	Description	Former equipment area in southeast portion of laboratory. Note the stains from spillage of unknown substances.	16
	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date December 2, 2003



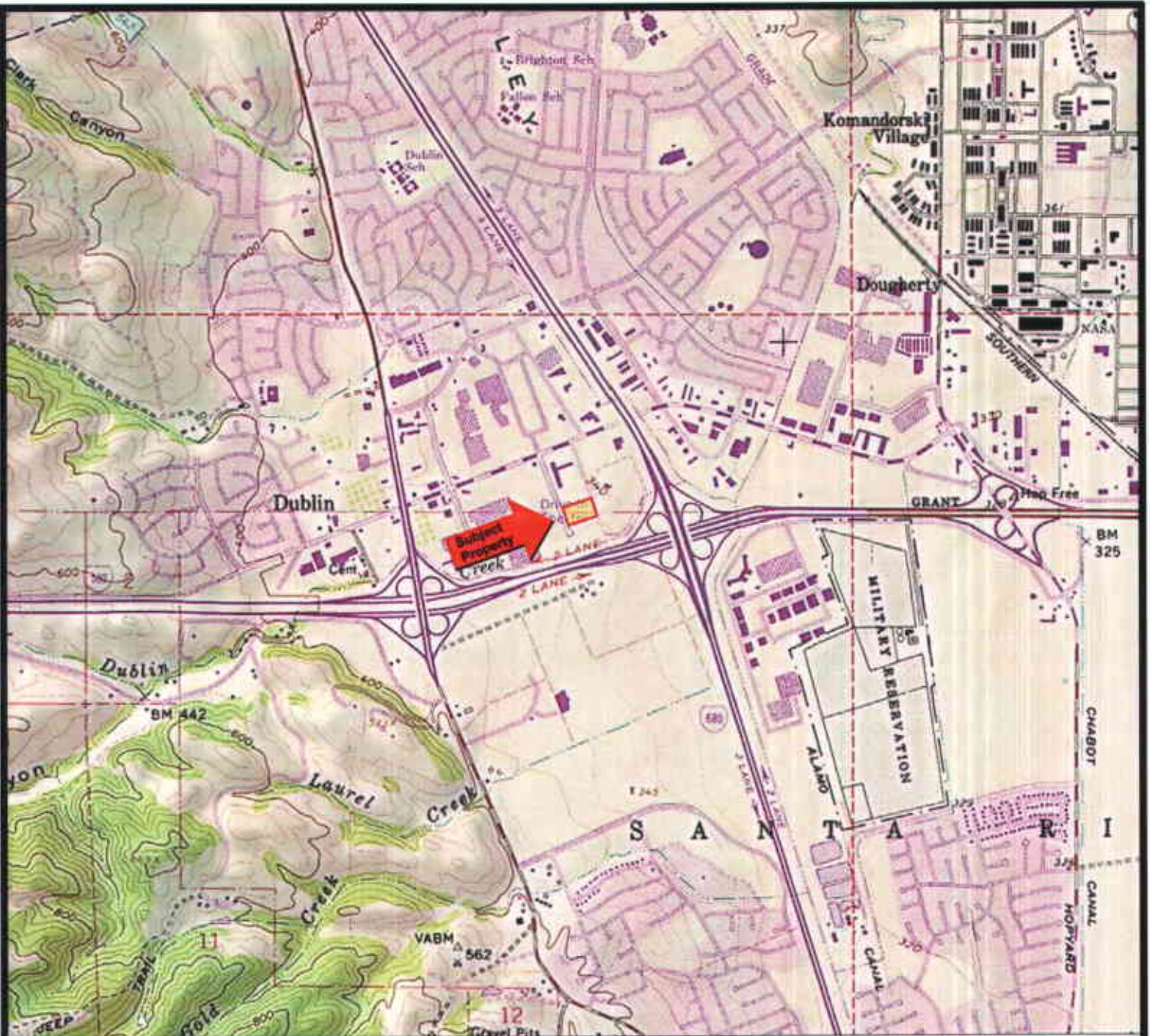
Clayton Project No. 70-04429.00	Description	View of southeast portion of laboratory looking west. Area by eye wash equipment is reportedly a former hazardous waste storage area.	17
	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date December 2, 2003



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



Clayton Project No. 70-04429.00	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
	Site Name	Quest Laboratory, 6511 Golden Gate Drive, Dublin, California	Photo Date October 6, 2003



Map Source: TOPO! © 2000 National Geographic Holdings

Note: Boundaries and Location Information is Approximate



Portion of the 7.5-Minute Series Dublin, California
 Quadrangle Topographic Map (Datum: NAD 27)
 United States Department of the Interior
 Geological Survey
 1980 Photorevised from 1979

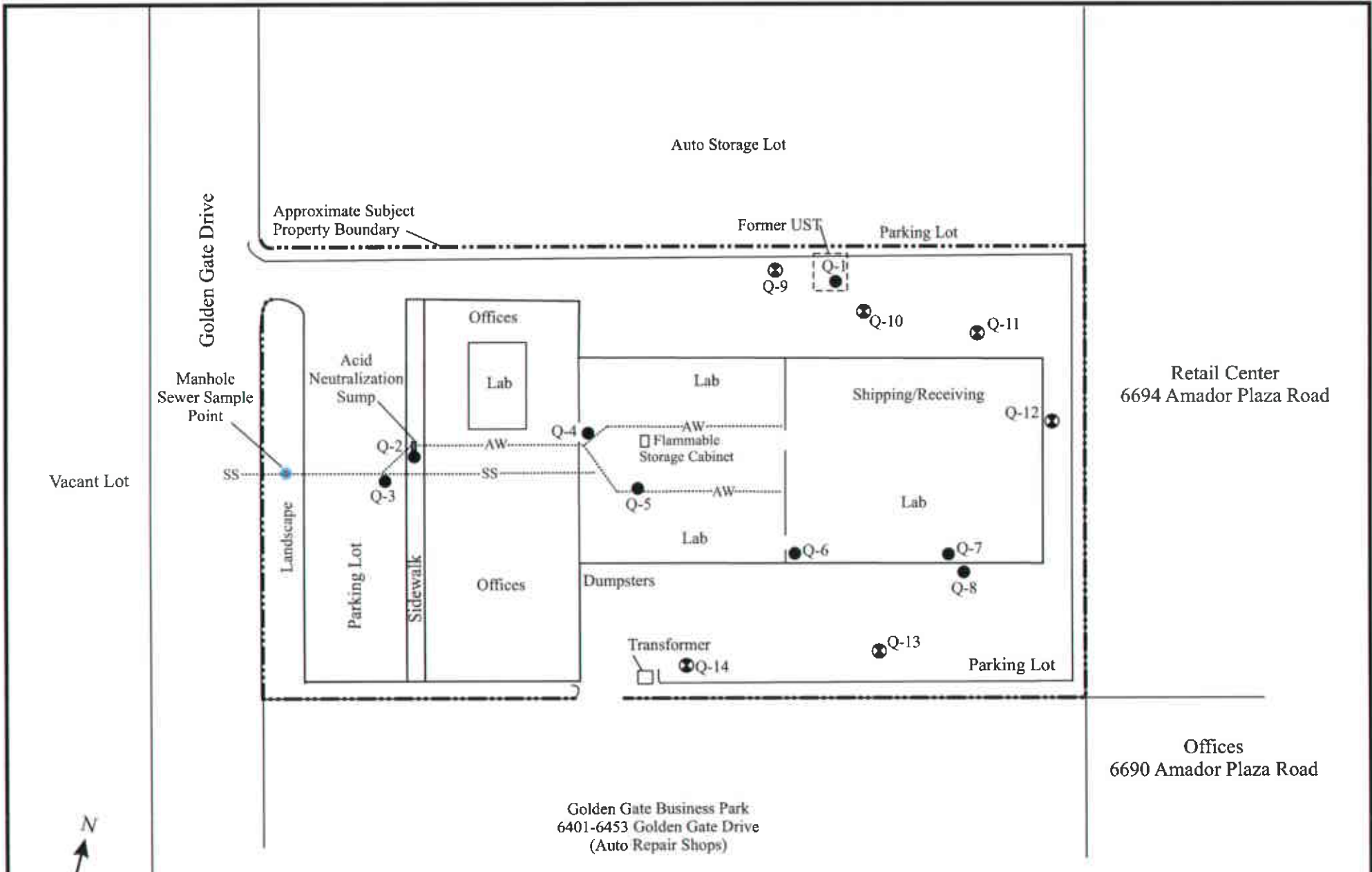


PROPERTY LOCATION MAP
 Former Quest Laboratory
 6511 Golden Gate Drive
 Dublin, California
 Clayton Project No. 70-04429.00

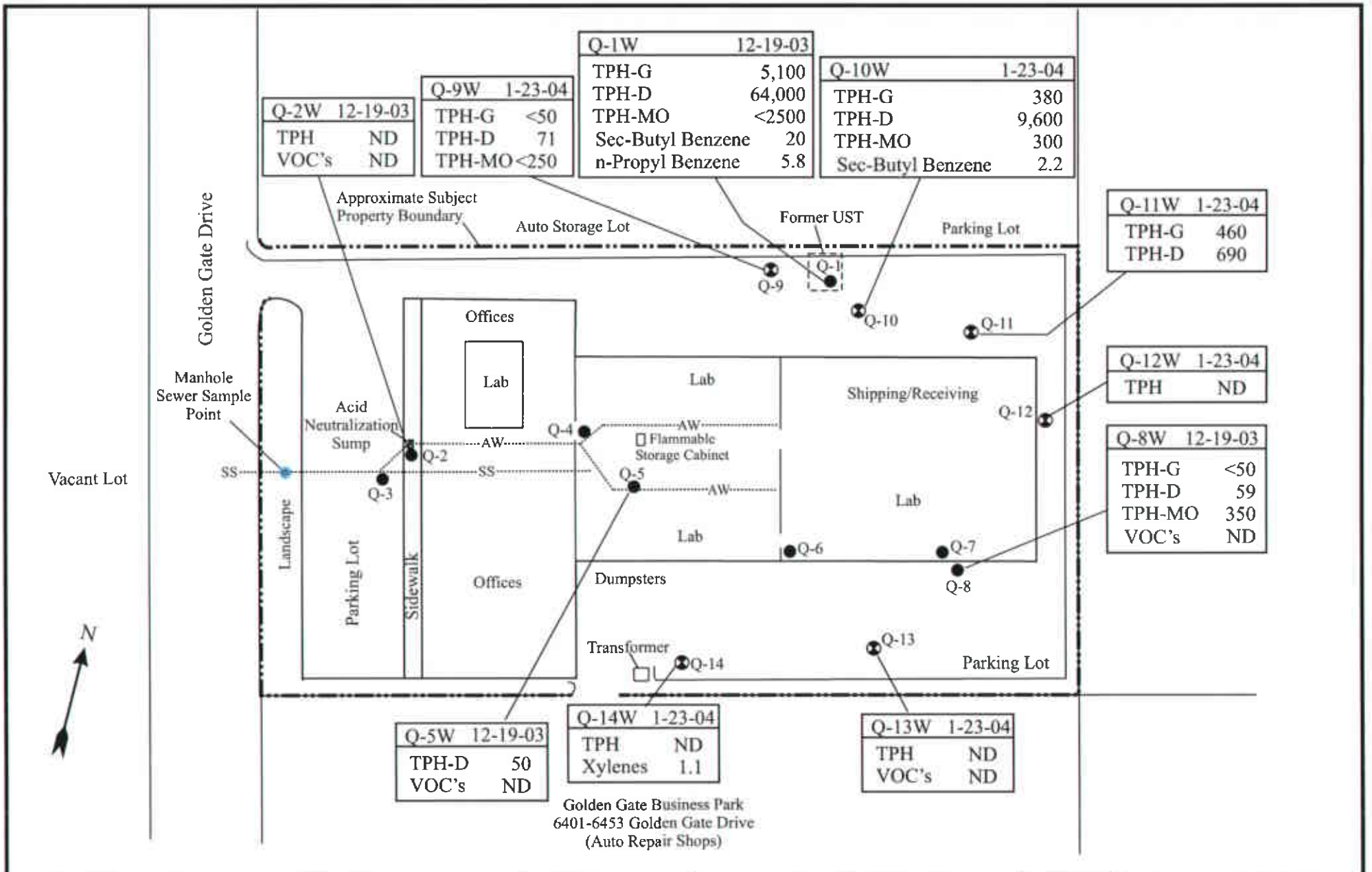
Figure

1





LEGEND		SITE PLAN WITH BOREHOLE LOCATIONS	FIGURE
AW	Acid Waste Sewer Line	Former Quest Laboratory 6511 Golden Gate Drive Dublin, California Clayton Project No. 70-04429.01	2
SS	Sanitary Sewer Line		
Q-2 ●	Borehole/Sample Location 12-19-03		
Q-9 ⊗	Borehole/Sample Location 1-22-04		



LEGEND		GROUNDWATER SAMPLE RESULTS	FIGURE				
AW	Acid Waste Sewer Line	Former Quest Laboratory 6511 Golden Gate Drive Dublin, California Clayton Project No. 70-04429.01	4				
SS	Sanitary Sewer Line						
Q-2 ●	Borehole/Sample Location 12-19-03	<table border="1"> <thead> <tr> <th>Sample ID and Date Sampled</th> <th>Analyte and concentration in micrograms per liter (ug/L)</th> </tr> </thead> <tbody> <tr> <td>Q-5W 12-19-03</td> <td>TPH-D 50 VOC's ND</td> </tr> </tbody> </table>	Sample ID and Date Sampled	Analyte and concentration in micrograms per liter (ug/L)	Q-5W 12-19-03	TPH-D 50 VOC's ND	
Sample ID and Date Sampled	Analyte and concentration in micrograms per liter (ug/L)						
Q-5W 12-19-03	TPH-D 50 VOC's ND						
Q-9 ●	Borehole/Sample Location 1-22-04						

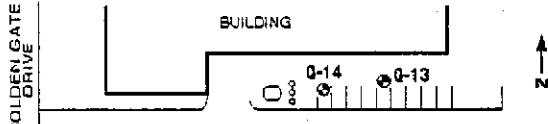


LOG OF EXPLORATORY BORING

PROJECT NO.: 70-04429.01 DATE: 1/22/04
 CLIENT: SAFEWAY
 LOCATION: 6511 GOLDEN GATE DRIVE, DUBLIN
 LOGGED BY: D. ASHTON/DS DRILLER: ECA

BORING NO. **Q-13**
 Sheet 1 of 1

Field location of boring:



Drilling Method: DPT Drill Rig Model: GEOPROBE Hole Dia.: 2 IN.

Boring Completion Data: BORING TERMINATED @ 20 FT. BGS
 REMOVED TEMP WELL CASING, SAMPLED AND REMOVED
 BACKFILLED WITH NEAT CEMENT TO SURFACE

Ground Elev.: Datum:

PID (ppm)	Recovery (ft./ft.)	Depth	Sample Interval	Soil Group Symbol (USCS)	Lithographic Symbol	Depth To		DESCRIPTION
						Time	Date	
						14.02 ft.	14.02 ft.	B = BAG Sample X = Screen Sample
						11:41	12:58	
		1			2 IN. ASPHALT			
		2			GRAVEL BASE MATERIAL			
		3			CLAY TO SILTY CLAY, DARK BROWN TO BROWN, FINES (95-100%), SLIGHTLY PLASTIC, TRACE			
		4			GRAVEL, ANGULAR TO 1 IN., ROOTLETS, DRY, STIFF, NO HYDROCARBON ODOR			
7.2	3.4/4		B X					
		5						
		6						
7.5	3.5/4		B X					
		8						
		9						
		10						
		11			@ 10 FT., TRACE GRAVEL, SUBROUNDED TO 1/4-1/2 IN.			
6.6	3.5/4		B X					
		12						
		13						
		14						
5.6	3/4		B X					
		16						
		17						
		18						
4.0			B X					
		19						

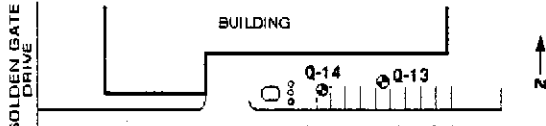
BORING TERMINATED @ 20 FT. BGS



LOG OF EXPLORATORY BORING

PROJECT NO.: 70-04429.01	DATE: 1/22/04	BORING NO. Q-14
CLIENT: SAFEWAY		Sheet 1
LOCATION: 6511 GOLDEN GATE DRIVE, DUBLIN		of 1
LOGGED BY: D. ASHTON/DS	DRILLER: ECA	

Field location of boring:



Drilling Method: DPT Drill Rig Model: GEOPROBE Hole Dia.: 2 IN.

Boring Completion Data: BORING TERMINATED @ 20 FT. BGS
 INSTALL TEMP WELL CASING, SAMPLED AND REMOVED
 BACKFILLED WITH NEAT CEMENT TO SURFACE

Ground Elev.: Datum:

PID (ppm)	Recovery (ft./ft.)	Depth	Sample Interval	Soil Group Symbol (USCS)	Litho-graphic Symbol	Depth To		DESCRIPTION
						Time	Date	
						13.95 ft.	11:33	2 IN. ASPHALT
		1				13.96 ft.	12:05	GRAVEL BASE MATERIAL
		2						CLAY TO SILTY CLAY, DARK BROWN TO BROWN, FINES (95-100%), SLIGHTLY PLASTIC, TRACE GRAVEL, ANGULAR TO 1 IN., ROOTLETS, DRY, STIFF, NO HYDROCARBON ODOR
5.6	3/4	3	B					
		4	X					
		5						
		6						
5.7	3.6/4	7	B					
		8	X					
		9						
		10		CL				
		11	B					@ 10 FT., TRACE GRAVEL, SUBROUNDED TO 1/4-1/2 IN.
6.0	4/4	12	X					
		13						RARE CLAYEY SILT BEDS 2-3IN. THICK
		14						
		15	B					
7.1	3.8/4	16	X					
		17						
		18						
6.2	4/4	19	B					
		20	X					

BORING TERMINATED @ 20 FT. BGS

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

Analytical Method	Sample ID															Total Analyses
	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	
TPH	S, GW	S, GW						GW	GW	S, GW	GW	GW	S, GW	S, GW		14
VOC	S, GW	S, GW	S	S	S, GW	S	S, GW	GW	GW	S, GW	GW	GW	S, GW	S, GW		21
SVOC		S	S	S	S	S	S									6
CAM-17		S, GW	S	S	S, GW	S	S, GW								Each	15
pH		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

Analytical Method	Analyte	Units	Sample ID, Depth (Feet), & Date			ESLs - Tbl A Commercial
			Q-10 11.5-12' 1/23/04	Q-13 3.5-4' 1/23/04	Q-14 3.5-4' 1/23/04	
Total Petroleum	TPH-G	mg/Kg	<1.0	<1.0	<1.0	100
Hydrocarbons (TPH) (EPA 8015M)	TPH-D	mg/Kg	<1.0	<1.0	<1.0	100
	TPH-MO	mg/Kg	<5.0	<5.0	7.4	1,000
Volatile Organic Compounds (VOCs) (EPA 8260B)	Benzene	ug/Kg	<5.0	<5.0	<5.0	44
	Toluene	ug/Kg	<5.0	<5.0	<5.0	2.9
	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	--	--	--	230
	Lead	mg/Kg	--	--	--	750
	Mercury	mg/Kg	--	--	--	10
	Molybdenum	mg/Kg	--	--	--	40
	Nickel	mg/Kg	--	--	--	150
	Selenium	mg/Kg	--	--	--	10
	Silver	mg/Kg	--	--	--	40
Thallium	mg/Kg	--	--	--	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

Analytical Method	Analyte	Units	Sample ID, Depth (Feet), & Date							
			Q-1 11.5-12' 12/19/03	Q-2 7.5-8' 12/19/03	Q-3 11.5-12' 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	TPH-G	mg/Kg	<1.0	<1.0	--	--	--	--	--	--
Hydrocarbons (TPH) (EPA 8015M)	TPH-D	mg/Kg	<1.0	<1.0	--	--	--	--	--	--
	TPH-MO	mg/Kg	<5.0	<5.0	--	--	--	--	--	--
Volatile Organic Compounds (VOCs) (EPA 8260B)	Benzene	ug/Kg	<5.0	<5.0	<5.0	<5.0	--	<5.0	<5.0	<5.0
	Toluene	ug/Kg	<5.0	<5.0	<5.0	<5.0	--	<5.0	<5.0	<5.0
	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
	Fuel Oxygenates	ug/Kg	<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	--	<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	
pH		Std Units	--	7.22	--	7.01	7.43	--	--	--

Notes:

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

Category	Chemical	Units	Sample ID & Date										ESLs Table A
			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	
Total Petroleum Hydrocarbons (EPA 8015M)	TPH-G	ug/L	5,100	<50	<50	<50	<50	380	460	<50	<50	<50	100
	TPH-D	ug/L	64,000	<50	50	59	71	9600	690	<50	<50	<50	100
	TPH-MO	ug/L	<2500	<250	<250	350	<250	300	<250	<250	<250	<250	100
Volatile Organic Compounds (EPA 8260B)	Benzene	ug/L	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	--	<0.5	<0.5	1.0
	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	ug/L	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	--	<0.5	<0.5	5 (MTBE)
	sec-Butyl benzene	ug/L	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	--	<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	--	--	--	--	--	--	0.081	
Ph (SW-9045C)	Std 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

Analytical Method	Analyte	Units	Sample ID & Date						PRG Residential Soil (mg/kg)	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		TTLc	Conc./ Tile Mass***
			2/19/04 & 2/27/2004	2/19/04 & 2/27/2004	2/19/04 & 2/27/2004	2/19/04 & 2/27/2004	2/19/04 & 2/27/2004	2/19/04 & 2/27/2004		(mg/kg)	(mg/kg)
Title 22 Metals (TTLc)	Antimony	mg/wipe*	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	31		
	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

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

-- = Not analyzed

* = "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

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

*** = Tile mass used was 1.17E-01 kg/wipe area for all metals, except Hg results (tile mass = 6.29E-02 kg/wipe)

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

APPENDIX C
**LABORATORY ANALYTICAL DATA SHEETS AND CHAIN-OF-
CUSTODY RECORDS**



McC Campbell 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 6920 Koll Center Parkway, Ste.216 Pleasanton, CA 94566	Client Project ID: #70-04429.01; Former Quest Laboratory	Date Sampled: 12/19/03
		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. McC Campbell 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



McC Campbell Analytical Inc.

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

Clayton Group Services 6920 Koll Center Parkway, Ste.216 Pleasanton, CA 94566	Client Project ID: #70-04429.01; Former Quest Laboratory	Date Sampled: 12/19/03
	Client Contact: Don Ashton	Date Received: 12/19/03
	Client P.O.:	Date Extracted: 12/19/03
		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
Client ID	Q-1 11.5-12'
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				

Surrogate Recoveries (%)

%SS1:	88.9	%SS2:	107
%SS3:	115		

Comments:

* 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.



McC Campbell 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 Quest Laboratory	Date Sampled: 12/19/03
	Client Contact: Don Ashton	Date Received: 12/19/03
	Client P.O.:	Date Extracted: 12/19/03
		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	0312427-007A
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	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				

Surrogate Recoveries (%)

%SS1:	92.4	%SS2:	107
%SS3:	116		

Comments:

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

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				

Surrogate Recoveries (%)

%SS1:	92.4	%SS2:	107
%SS3:	114		

Comments:

* 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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Clayton Group Services
 6920 Koll Center Parkway,
 Ste.216
 Pleasanton, CA 94566

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: 12/24/03

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

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				

Surrogate Recoveries (%)

%SS1:	90.6	%SS2:	108
%SS3:	113		

Comments:

* 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.



Clayton Group Services 6920 Koll Center Parkway, Ste.216 Pleasanton, CA 94566	Client Project ID: #70-04429.01; Former Quest Laboratory	Date Sampled: 12/19/03
	Client Contact: Don Ashton	Date Received: 12/19/03
	Client P.O.:	Date Extracted: 12/19/03
		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
1,1,1,2,2-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				

Surrogate Recoveries (%)

%SS1:	91.9	%SS2:	107
%SS3:	112		

Comments:

* water and vapor samples and all TCLP & SPL 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 Quest Laboratory	Date Sampled: 12/19/03
	Client Contact: Don Ashton	Date Received: 12/19/03
	Client P.O.:	Date Extracted: 12/19/03
		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	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
1,1,1,2,2-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				

Surrogate Recoveries (%)

%SS1:	91.8	%SS2:	108
%SS3:	114		

Comments:

* 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.



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

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-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				

Surrogate Recoveries (%)

%SS1:	90.9	%SS2:	108
%SS3:	115		

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

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-1W
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	ND	1.0	0.5
Xylenes	ND	1.0	0.5				

Surrogate Recoveries (%)

%SS1:	114	%SS2:	101
%SS3:	104		

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

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0312427

Lab ID	0312427-030B
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 (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
1,1,1,2,2-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				

Surrogate Recoveries (%)

%SS1:	110	%SS2:	101
%SS3:	110		

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

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0312427

Lab ID	0312427-031A
Client ID	Q-5W
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				

Surrogate Recoveries (%)

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

Comments: i

* water and vapor samples and all TCLP & SPL 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.

Angela Rydelius
 Angela Rydelius, Lab Manager



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Clayton Group Services 6920 Koll Center Parkway, Ste.216 Pleasanton, CA 94566	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: SW5030B

Analytical Method: SW8260B

Work Order: 0312427

Lab ID	0312427-032A
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				

Surrogate Recoveries (%)

%SS1:	107	%SS2:	103
%SS3:	107		

Comments: i

* water and vapor samples and all TCLP & SPL 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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Clayton Group Services
 6920 Koll Center Parkway,
 Ste.216
 Pleasanton, CA 94566

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

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	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				

Surrogate Recoveries (%)

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

Comments:

* 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.



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Clayton Group Services 6920 Koll Center Parkway, Ste.216 Pleasanton, CA 94566	Client Project ID: #70-04429.01; Former Quest Laboratory	Date Sampled: 12/19/03
	Client Contact: Don Ashton	Date Received: 12/19/03
	Client P.O.:	Date Extracted: 12/19/03
		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	0312427-013A
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	Benzenzidine	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				

Surrogate Recoveries (%)

%SS1:	75.2	%SS2:	79.2
%SS3:	72.2	%SS4:	75.2
%SS5:	77.3	%SS6:	74.9

Comments:
 * 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.



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Clayton Group Services 6920 Koll Center Parkway, Ste.216 Pleasanton, CA 94566	Client Project ID: #70-04429.01; Former Quest Laboratory	Date Sampled: 12/19/03
	Client Contact: Don Ashton	Date Received: 12/19/03
	Client P.O.:	Date Extracted: 12/19/03
		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
Client ID	Q-4 8.5-9'
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				

Surrogate Recoveries (%)

%SS1:	76.5	%SS2:	71.5
%SS3:	72.6	%SS4:	73.5
%SS5:	77.6	%SS6:	74.5

Comments:

* 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.



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	Client Contact: Don Ashton	Date Received: 12/19/03
	Client P.O.:	Date Analyzed: 12/20/03
		Date Extracted: 12/19/03

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

Extraction Method: SW3550C

Analytical Method: SW8270D

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
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				

Surrogate Recoveries (%)

%SS1:	73.3	%SS2:	71.7
%SS3:	71.2	%SS4:	74.5
%SS5:	72.0	%SS6:	73.5

Comments:

* 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.

Angela Rydelius Angela Rydelius, Lab Manager



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

Surrogate Recoveries (%)

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

Comments:

* 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.



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Clayton Group Services
 6920 Koll Center Parkway,
 Ste.216
 Pleasanton, CA 94566

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

Lab ID 0312427-023A

Client ID Q-7 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
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				

Surrogate Recoveries (%)

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

Comments:

* water samples and all TCLP & SPL 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.



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

CAM / CCR 17 Metals*

Lab ID	0312427-007A	0312427-013A	0312427-015A	0312427-020A	Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	Q-2 7.5-8'	Q-3 11.5-12'	Q-4 8.5-9'	Q-5 12.5-13'	S	W
Matrix	S	S	S	S		
Extraction Type	TTLIC	TTLIC	TTLIC	TTLIC	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	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, 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.

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 Angela Rydelius, Lab Manager



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

CAM / CCR 17 Metals*

Lab ID	0312427-022A	0312427-023A	Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	Q-6 2.5-3'	Q-7 2.5-3'		
Matrix	S	S	S	W
Extraction Type	TTLIC	TTLIC	mg/Kg	mg/L

ICP Metals, Concentration*

Analytical Method: 6010C

Extraction Method: SW3050B

Work Order: 0312427

Dilution Factor	1	1	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
Copper	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

Extraction Method: SW7471B

Dilution Factor	1	1	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, 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.

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

CAM / CCR 17 Metals*

Lab ID	0312427-030C	0312427-031B	0312427-032B	Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	Q-2W	Q-5W	Q-8W	S	W
Matrix	W	W	W		
Extraction Type	DISS.	DISS.	DISS.	mg/kg	mg/L

ICP Metals, Concentration*

Analytical Method: E200.7 Extraction Method: E200.7 Work Order: 0312427

Dilution Factor	1	1	1	1	1
Barium	0.080	0.091	0.10	NA	0.005
Beryllium	ND	ND	ND	NA	0.005
Cadmium	ND	ND	ND	NA	0.005
Chromium	ND	ND	ND	NA	0.005
Cobalt	ND	ND	ND	NA	0.005
Copper	ND	ND	ND	NA	0.005
Molybdenum	ND	ND	ND	NA	0.005
Nickel	0.0076	ND	ND	NA	0.005
Silver	ND	ND	ND	NA	0.005
Vanadium	ND	ND	ND	NA	0.02
Zinc	ND	ND	ND	NA	0.02
%SS:	N/A	N/A	N/A		

GFAA Metals, Concentration*

Analytical Method: E200.9 Extraction Method: E200.9

Dilution Factor	1	1	1	1	1
Antimony	ND	ND	ND	NA	0.006
Arsenic	ND	ND	ND	NA	0.005
Lead	ND	ND	ND	NA	0.005
Selenium	ND	ND	ND	NA	0.005
Thallium	ND	ND	ND	NA	0.005

Cold Vapor Metals, Concentration*

Analytical Method: E245.1 Extraction Method: E245.1

Dilution Factor	1	1	1	1	1
Mercury	ND	ND	ND	NA	0.0008

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, 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.

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QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: S

WorkOrder: 0312427

EPA Method: SW8021B/8015Cm		Extraction: SW5030B		BatchID: 9801			Spiked Sample ID: 0312421-010A			
	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	108	107	1.17	111	107	3.44	70	130
MTBE	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.

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

WorkOrder: 0312427

EPA Method: SW8021B/8015Cm		Extraction: SW5030B		BatchID: 9887			Spiked Sample ID: 0401007-001A			
	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.

$\% \text{ Recovery} = 100 * (\text{MS-Sample}) / (\text{Amount Spiked}); \text{RPD} = 100 * (\text{MS} - \text{MSD}) / ((\text{MS} + \text{MSD}) / 2).$

* 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

WorkOrder: 0312427

EPA Method: SW8021B/8015Cm		Extraction: SW5030B		BatchID: 9804			Spiked Sample ID: 0312422-007A			
	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) [£]	214.40	60	NR	NR	NR	91	94.6	3.87	70	130
MTBE	11.16	10	74.4	79.5	2.72	94.5	100	5.64	70	130
Benzene	ND	10	100	99.5	0.560	103	107	4.36	70	130
Toluene	228.50	10	NR	NR	NR	106	110	4.33	70	130
Ethylbenzene	ND	10	111	111	0	107	111	3.48	70	130
Xylenes	ND	30	113	110	2.99	110	113	2.99	70	130
%SS:	92.4	100	109	109	0	105	106	1.50	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 SW8015C

Matrix: S

WorkOrder: 0312427

EPA Method: SW8015C		Extraction: SW3550C		BatchID: 9805		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.



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QC SUMMARY REPORT FOR SW8015C

Matrix: W

WorkOrder: 0312427

EPA Method: SW8015C		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.

$\% \text{ Recovery} = 100 * (\text{MS} - \text{Sample}) / (\text{Amount Spiked}); \text{RPD} = 100 * (\text{MS} - \text{MSD}) / ((\text{MS} + \text{MSD}) / 2).$

* 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.



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QC SUMMARY REPORT FOR SW8015C

Matrix: W

WorkOrder: 0312427

EPA Method: SW8015C		Extraction: SW3510C			BatchID: 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.

$$\% \text{ Recovery} = 100 * (\text{MS-Sample}) / (\text{Amount Spiked}); \text{RPD} = 100 * (\text{MS} - \text{MSD}) / ((\text{MS} + \text{MSD}) / 2).$$

* 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.



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QC SUMMARY REPORT FOR SW8015C

Matrix: S

WorkOrder: 0312427

EPA Method: SW8015C		Extraction: SW3550C		BatchID: 9786		Spiked Sample ID: 0312394-004A				
	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.

$\% \text{ Recovery} = 100 * (\text{MS-Sample}) / (\text{Amount Spiked}); \text{RPD} = 100 * (\text{MS} - \text{MSD}) / ((\text{MS} + \text{MSD}) / 2).$

* 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		Extraction: SW5030B		BatchID: 9780			Spiked Sample ID: 0312390-004A			
	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	0.411	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.

$\% \text{ Recovery} = 100 * (\text{MS-Sample}) / (\text{Amount Spiked}); \text{RPD} = 100 * (\text{MS} - \text{MSD}) / ((\text{MS} + \text{MSD}) / 2).$

* 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.



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QC SUMMARY REPORT FOR SW8260B

Matrix: W

WorkOrder: 0312427

EPA Method: SW8260B	Extraction: SW5030B		BatchID: 9803			Spiked Sample ID: 0312422-001B				
	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	10	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.

$\% \text{ Recovery} = 100 * (\text{MS-Sample}) / (\text{Amount Spiked}); \text{RPD} = 100 * (\text{MS} - \text{MSD}) / ((\text{MS} + \text{MSD}) / 2).$

* 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		Extraction: SW3550C		BatchID: 9782		Spiked Sample ID: 0312390-002A				
	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-Chlorophenol	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 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.

& = 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 (%)	
	mg/Kg	% Rec.	% Rec.	% RPD	Low	High
EPA Method: 6010C Extraction: SW3050B BatchID: 9787 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: SW7471B 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 (%)	
	mg/L	% Rec.	% Rec.	% RPD	Low	High
EPA Method: E200.7 Extraction: E200.7 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: E200.9 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: E245.1 BatchID: 9749 Spiked Sample ID: N/A						
Mercury	0.0020	105	98.5	6.25	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.

$\% \text{ Recovery} = 100 * (\text{MS} - \text{Sample}) / (\text{Amount Spiked}); \text{RPD} = 100 * (\text{MS} - \text{MSD}) / ((\text{MS} + \text{MSD}) / 2).$

* 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.



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QC SUMMARY REPORT FOR WET CHEMISTRY TESTS

Test Method: pH

Matrix: S

WorkOrder: 0312427

Method Name: SW9045C		Units: ±, pH units @ °C				BatchID: 9841
SampleID	Sample	DF	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	7.43	1	7.44	1	0.010	±0.2

Test Method: pH

Matrix: W

WorkOrder: 0312427

Method Name: SM4500H+B		Units: ±, pH units @ °C				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

Dup = Duplicate; Ser. Dil. = Serial Dilution; MS = Matrix Spike; RD = Relative Difference; RPD = Relative Percent Deviation.

RD = Absolute Value (Sample - Duplicate); RPD = 100 * (Sample - Duplicate) / (Sample + Duplicate) * 2.

McC Campbell Analytical Inc.



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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0312427

Report to:
 Don Ashton
 Clayton Group Services
 6920 Koll Center Parkway, Ste.216
 Pleasanton, CA 94566

TEL: (925) 426-2600
 FAX: (925) 426-0106
 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 Printed: 12/23/03

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					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	<input checked="" type="checkbox"/>	A						A								
0312427-002	Q-1 7 1/2 -8'	Soil	12/19/03 11:40:00	<input checked="" type="checkbox"/>	A						A								
0312427-003	Q-1 11.5-12'	Soil	12/19/03 11:50:00	<input type="checkbox"/>	A						A								
0312427-004	Q-1 15.5-16'	Soil	12/19/03 12:00:00	<input checked="" type="checkbox"/>	A						A								
0312427-005	Q-1 19.5-20'	Soil	12/19/03 12:15:00	<input checked="" type="checkbox"/>	A						A								
0312427-006	Q-2 3.5-4'	Soil	12/19/03 8:00:00	<input checked="" type="checkbox"/>	A						A								
0312427-007	Q-2 7.5-8'	Soil	12/19/03 8:05:00	<input type="checkbox"/>	A		A		A		A		A						
0312427-008	Q-2 11.5-12'	Soil	12/19/03 8:10:00	<input checked="" type="checkbox"/>	A						A								
0312427-009	Q-2 15.5-16'	Soil	12/19/03 8:15:00	<input checked="" type="checkbox"/>	A						A								
0312427-010	Q-2 19.5-20'	Soil	12/19/03 8:20:00	<input checked="" type="checkbox"/>	A						A								
0312427-011	Q-3 3.5-4'	Soil	12/19/03 9:05:00	<input checked="" type="checkbox"/>	A						A								
0312427-012	Q-3 7.5-8'	Soil	12/19/03 9:14:00	<input checked="" type="checkbox"/>	A						A								
0312427-013	Q-3 11.5-12'	Soil	12/19/03 9:25:00	<input type="checkbox"/>	A		A		A										
0312427-014	Q-4 4.5-5'	Soil	12/19/03	<input checked="" type="checkbox"/>	A						A								
0312427-015	Q-4 8.5-9'	Soil	12/19/03	<input type="checkbox"/>	A		A		A				A						

Test Legend:

1	8260B+OXYS_S	2	8260B+OXYS_W	3	8270D_S	4	CAM17(D)_W	5	CAM17_S
6	G-MBTEX_S	7	G-MBTEX_W	8	PH_S	9	PH_W	10	
11		12		13		14		15	

Prepared by: Elisa Venegas

Comments:

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

McC Campbell Analytical Inc.



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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0312427

Report to:
 Don Ashton
 Clayton Group Services
 6920 Koll Center Parkway, Ste.216
 Pleasanton, CA 94566

TEL: (925) 426-2600
 FAX: (925) 426-0106
 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 Printed: 12/23/03

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					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	<input checked="" type="checkbox"/>	A					A									
0312427-017	Q-5 4.5-5'	Soil	12/19/03 10:20:00	<input checked="" type="checkbox"/>	A					A									
0312427-018	Q-5 6.5-7'	Soil	12/19/03 10:30:00	<input checked="" type="checkbox"/>	A					A									
0312427-019	Q-5 8.5-9'	Soil	12/19/03 10:40:00	<input type="checkbox"/>								A							
0312427-020	Q-5 12.5-13'	Soil	12/19/03 10:45:00	<input type="checkbox"/>	A		A		A										
0312427-021	Q-5 16.5-17'	Soil	12/19/03 11:00:00	<input checked="" type="checkbox"/>	A					A									
0312427-022	Q-6 2.5-3'	Soil	12/19/03 12:15:00	<input type="checkbox"/>	A		A		A										
0312427-023	Q-7 2.5-3'	Soil	12/19/03 2:30:00	<input type="checkbox"/>	A		A		A										
0312427-024	Q-8 3.5-4'	Soil	12/19/03 12:55:00	<input checked="" type="checkbox"/>	A					A									
0312427-025	Q-8 7.5-8'	Soil	12/19/03 1:30:00	<input checked="" type="checkbox"/>	A					A									
0312427-026	Q-8 11.5-12'	Soil	12/19/03 1:45:00	<input checked="" type="checkbox"/>	A					A									
0312427-027	Q-8 15.5-16'	Soil	12/19/03 1:50:00	<input checked="" type="checkbox"/>	A					A									
0312427-028	Q-8 19.5-20'	Soil	12/19/03 2:00:00	<input checked="" type="checkbox"/>	A					A									
0312427-029	Q-1W	Water	12/19/03 12:00:00	<input type="checkbox"/>		B					A								
0312427-030	Q-2W	Water	12/19/03 2:00:00	<input type="checkbox"/>		B		C			A		D						

Test Legend:

1	8260B+OXYS_S	2	8260B+OXYS_W	3	8270D_S	4	CAM17(D)_W	5	CAM17_S
6	G-MBTEX_S	7	G-MBTEX_W	8	PH_S	9	PH_W	10	
11		12		13		14		15	

Prepared by: Elisa Venegas

Comments:

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

McC Campbell Analytical Inc.



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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0312427

Report to:

Don Ashton
 Clayton Group Services
 6920 Koll Center Parkway, Ste.216
 Pleasanton, CA 94566

TEL: (925) 426-2600
 FAX: (925) 426-0106
 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 Printed: 12/23/03

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					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	<input type="checkbox"/>		A		B						C					
0312427-032	Q-8W	Water	12/19/03	<input type="checkbox"/>		A		B											

Test Legend:

1	8260B+OXYS_S	2	8260B+OXYS_W	3	8270D_S	4	CAM17(D)_W	5	CAM17_S
6	G-MBTEX_S	7	G-MBTEX_W	8	PH_S	9	PH_W	10	
11		12		13		14		15	

Prepared by: Elisa Venegas

Comments:

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

McC Campbell Analytical Inc.



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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0312427

Report to:

Don Ashton
 Clayton Group Services
 6920 Koll Center Parkway, Ste.216
 Pleasanton, CA 94566

TEL: (925) 426-2600
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 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

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					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	<input type="checkbox"/>	D	D													
0312427-032	Q-8W	Water	12/19/03	<input type="checkbox"/>	C	C													

Test Legend:

1	G-MBTX_W	2	TPH(DMO)_W	3		4		5	
6		7		8		9		10	
11		12		13		14		15	

Prepared by: Elisa Venegas

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

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.



CHAIN OF CUSTODY

Page 5 of 5

Lab: McC Campbell

TAT: STP

Report results to:

Name: Don Ashton
 Company: Clayton Group Services
 Mailing Address: 6920 Koll Center Parkway, Ste. 216
 City, State, Zip: Pleasanton, California 94566
 Telephone No.: (925) 426-2600
 Fax No.: (925) 426-0106

Project Information

Project No.: 70-04429.01
 Name: Former Quest Laboratory
 Location: 6511 Golden Gate Dublin CA

Special instructions and/or specific regulatory requirements:

					Analyses Requested								
Sample Identification	Date Sampled	Time Sampled	Matrix Media	No. of Cents	TPH - MULTI-SCAN	VOC	SVOC	5 Comp 17	[Filter + Preserve]	PH added	12/12 S-trat		
					X	X							
					X	X		X	X				
					X	X		X	X				
					X	X		X	X				

Sample Condition/Comments	Preservative
2 amber, 3 VOAs	
2 amber, 3 VOAs, 1 plastic	
2 Amber, 3 VOAs, 1 plastic	
1 Amber, 3 VOAs, 1 plastic	

+IS
+
+S
+10

Collected by: Nissen Nuck Date/Time 12/19/03
 Relinquished by: Wk Paul Date/Time 12/19/03 2000
 Relinquished by: _____ Date/Time _____
 Method of Shipment: _____

Collector's Signature: [Signature] Date/Time 12/19/03 1700
 Received by: [Signature] Date/Time 12/19 20:30
 Received by: _____ Date/Time _____
 Sample Condition on Rcpt: _____

0312427



CHAIN OF CUSTODY

Page 5 of 5

Lab: McC Campbell

TAT: STD

Report results to:

Name: Don Ashton
 Company: Clayton Group Services
 Mailing Address: 6920 Koll Center Parkway, Ste. 216
 City, State, Zip: Pleasanton, California 94566
 Telephone No.: (925) 426-2600
 Fax No.: (925) 426-0106

Project Information

Project No.: 70-04429.01
 Name: Former Quest Cabinet
 Location: 6511 Golden Gate Dublin CA

Special Instructions and/or specific regulatory requirements:

8015 M

Analyses Requested

TPH - Multi-Scan	YOC 8260 + 6X1600 TAs	SVOC 8270	5 Clean 17	[F, H, & P] Preserved																
------------------	-----------------------	-----------	------------	-----------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Sample Identification	Date Sampled	Time Sampled	Matrix Media	No. of Containers	Sample Condition/Comments	Preservative
+10 Q-1 W	12/19/03	1200	Water	5	2 amber, 3 VOA's	
+ Q-2 W	↓	200	↓	6	2 amber, 3 VOA's, 1 plastic	
+9 Q-5 W	↓	1010	↓	6	2 Amber, 3 VOA's, 1 plastic	
-10 Q-8 W	↓		↓	5	1 Amber, 3 VOA's, 1 plastic	

Collected by: Nissa Noel Date/Time 12/19/03
 Relinquished by: Butch Powell Date/Time 12/19/03 20:00
 Relinquished by: _____ Date/Time _____
 Method of Shipment: _____

Collector's Signature: [Signature] Date/Time 12/19/03 17:00
 Received by: [Signature] Date/Time 12/19 20:30
 Received by: _____ Date/Time _____
 Sample Condition on Rcpt: _____



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mcccampbell.com E-mail: main@mcccampbell.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 Reported: 02/02/04
	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. McC Campbell 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



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
	Client Contact: Don Ashton	Date Received: 01/23/04
	Client P.O.:	Date Extracted: 02/02/04
		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	0401273-003A
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	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

Surrogate Recoveries (%)

%SS1:	92.4	%SS2:	105
%SS3:	111		

Comments:
 * 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.

 Angela Rydelius, Lab Manager



McC Campbell Analytical, Inc.

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 Website: www.mccampbell.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
	Client Contact: Don Ashton	Date Received: 01/23/04
	Client P.O.:	Date Extracted: 02/02/04
		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 *	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

Surrogate Recoveries (%)

%SS1:	92.2	%SS2:	106
%SS3:	110		

Comments:

* 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.



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
	Client Contact: Don Ashton	Date Received: 01/23/04
	Client P.O.:	Date Extracted: 02/02/04
		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	0401273-013A
Client ID	Q-14 3.5-4'
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	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

Surrogate Recoveries (%)

%SS1:	92.1	%SS2:	102
%SS3:	110		

Comments:
 * 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.



Clayton Group Services
6920 Koll Center Pkwy, Ste.216
Pleasanton, CA 94566

Client Project ID: #70-04429.01;
Additional Sampling
Client Contact: Don Ashton
Client P.O.:

Date Sampled: 01/22/04
Date Received: 01/23/04
Date Extracted: 01/26/04-01/28/04
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
Client ID	Q-13W
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	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

Surrogate Recoveries (%)

%SS1:	93.3	%SS2:	101
%SS3:	108		

Comments:

* 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.



Clayton Group Services
6920 Koll Center Pkwy, Ste.216
Pleasanton, CA 94566

Client Project ID: #70-04429.01;
Additional Sampling
Client Contact: Don Ashton
Client P.O.:

Date Sampled: 01/22/04
Date Received: 01/23/04
Date Extracted: 01/26/04-01/28/04
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
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	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	1.1	1.0	0.5

Surrogate Recoveries (%)

%SS1:	93.6	%SS2:	100
%SS3:	110		

Comments: i

* water and vapor samples and all TCLP & SPL 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.



McC Campbell Analytical, Inc.

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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
	Client Contact: Don Ashton	Date Received: 01/23/04
	Client P.O.:	Date Extracted: 01/26/04-01/28/04
		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	0401273-024B						
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-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

Surrogate Recoveries (%)

%SS1:	93.4	%SS2:	98.0
%SS3:	107		

Comments:

* water and vapor samples and all TCLP & SPL 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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QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: S

WorkOrder: 0401273

EPA Method: SW8021B/8015Cm		Extraction: SW5030B		BatchID: 10079			Spiked Sample ID: 0401272-001A			
	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.



QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: W

WorkOrder: 0401273

EPA Method: SW8021B/8015Cm		Extraction: SW5030B		BatchID: 10076			Spiked Sample ID: 0401268-005A			
	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) ^E	ND	60	89.1	87.8	1.52	86.3	87.7	1.68	70	130
MTBE	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.

^E 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.



McC Campbell Analytical, Inc.

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

QC SUMMARY REPORT FOR SW8015C

Matrix: S

WorkOrder: 0401273

EPA Method: SW8015C		Extraction: SW3550C		BatchID: 10070		Spiked Sample ID: 0401263-008A				
	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	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.


$\% \text{ Recovery} = 100 * (\text{MS} - \text{Sample}) / (\text{Amount Spiked}); \text{RPD} = 100 * (\text{MS} - \text{MSD}) / ((\text{MS} + \text{MSD}) / 2).$

* 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.

DHS Certification No. 1644

 QA/QC Officer



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
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Website: www.mcccampbell.com E-mail: main@mcccampbell.com

QC SUMMARY REPORT FOR SW8015C

Matrix: W

WorkOrder: 0401273

EPA Method: SW8015C		Extraction: SW3510C			BatchID: 10081		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	99.1	99.8	0.647	70	130
%SS:	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.

DHS Certification No. 1644

JR QA/QC Officer



QC SUMMARY REPORT FOR SW8260B

Matrix: S

WorkOrder: 0401273

EPA Method: SW8260B		Extraction: SW5030B		BatchID: 10065		Spiked Sample ID: 0401260-013A				
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/Kg	µg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
Benzene	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
Toluene	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
%SS2:	97.8	50	97.1	97.6	0.447	97.2	97.9	0.648	70	130
%SS3:	102	50	102	100	1.72	101	100	0.308	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: 0401273

EPA Method: SW8260B		Extraction: SW5030B		BatchID: 10075			Spiked Sample ID: 0401268-006B			
	Sample	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.

McC Campbell Analytical Inc.



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

CHAIN-OF-CUSTODY RECORD

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:
 Joan Miller
 Clayton Group Services
 6920 Koll Center Pkwy, Ste. 216
 Pleasanton, CA 94566

Requested TAT: 5 days
 Date Received: 1/23/04
 Date Printed: 1/23/04

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0401273-016	Q-9 3.5-4'	Soil	1/22/04 12:10:00	<input checked="" type="checkbox"/>	A		A												
0401273-017	Q-9 7.5-8'	Soil	1/22/04 12:30:00	<input checked="" type="checkbox"/>	A		A												
0401273-018	Q-9 11.5-12	Soil	1/22/04 12:30:00	<input checked="" type="checkbox"/>	A		A												
0401273-019	Q-9 19.5-20'	Soil	1/22/04 12:50:00	<input checked="" type="checkbox"/>	A		A												
0401273-020	Q-13W	Water	1/22/04 12:15:00	<input type="checkbox"/>		B		A											
0401273-021	Q-14W	Water	1/22/04 12:20:00	<input type="checkbox"/>		B		A											
0401273-022	Q-12W	Water	1/22/04 12:30:00	<input type="checkbox"/>				A											
0401273-023	Q-11W	Water	1/22/04 12:35:00	<input type="checkbox"/>				A											
0401273-024	Q-10W	Water	1/22/04 12:50:00	<input type="checkbox"/>		B		A											
0401273-025	Q-9W	Water	1/22/04 12:55:00	<input type="checkbox"/>				A											

Test Legend:

1	8260B+OXYS_S	2	8260B+OXYS_W	3	G-MBTEX_S	4	G-MBTEX_W	5	
6		7		8		9		10	
11		12		13		14		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.

CGSP



CHAIN OF CUSTODY

Lab: McCampbell

TAT: Standard

0401273

Report results to:

Name Donald Ashton
 Company Clayton Group Services
 Mailing Address 6920 Koll Center Parkway, Ste. 216
 City, State, Zip Pleasanton, California 94566
 Telephone No. (925) 426-2679
 Fax No. (925) 426-0106

Project Information

Project No. 70-04429.01
 Name Additional Sampling
 Location Quest, Dublin, CA

Special Instructions and/or specific regulatory requirements:

Sample Identification	Date Sampled	Time Sampled	Material	No. of Containers	Analyses Requested										HOLD	Sample Condition/Comments	Preservative	
					8015 TPH Multi-Scan (Silica Extract)	8260 VOCs & Oxygenates	LLFT Metals											
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												X		
Q-10 11.5-12'	22-Jan-04	8:25	SOIL	1	X	X												
Q-11 3.5-4'	22-Jan-04	8:40	SOIL	1												X		
Q-11 7.5-8'	22-Jan-04	8:45	SOIL	1												X		
Q-11 11.5-12'	22-Jan-04	8:50	SOIL	1												X		
Q-12 3.5-4'	22-Jan-04	9:05	SOIL	1												X		
Q-12 7.5-8'	22-Jan-04	9:10	SOIL	1												X		
Q-12 11.5-12'	22-Jan-04	9:15	SOIL	1												X		

Collected by: Donald Ashton
 Relinquished by: Donald Ashton Date/Time 1-23-04 08:00
 Relinquished by: Jim Ferry Date/Time 1/23/04 15:20
 Method of Shipment: LAB COURIER

Collector's Signature: Donald Ashton
 Received by: Jim Ferry Date/Time 1/23/04 08:30
 Received by: Jim Ferry Date/Time 1/23/04 15:20
 Sample Condition on Rcpt: MO Vialle 01/23 3:30pm

GOOD CONDITION HEAD SPACE ABSENT DECHLORINATED IN LAB PRESERVATION

APPROPRIATE CONTAINERS PRESERVED IN LAB

VOAS O&G METALS OTHER

cgsp



CHAIN OF CUSTODY

0401213

Lab: McC Campbell

TAT: Standard

Report results to:

Name: Donald Ashton
 Company: Clayton Group Services
 Mailing Address: 6920 Koll Center Parkway, Ste. 216
 City, State, Zip: Pleasanton, California 94566
 Telephone No.: (925) 426-2679
 Fax No.: (925) 426-0106

Project Information

Project No.: 70-04429.01
 Name: Additional Sampling
 Location: Quest, Dublin, CA

Analyses Requested

Special instructions and/or specific regulatory requirements:

Sample Identification	Date Sampled	Time Sampled	Matrix Media	No. of Containers	Analyses Requested										Sample Condition/Comments	Preservative			
					8015 TPH Multi-Scan (Silica Extract)	8260 VOCs & Oxygenates	LUFT Metals											HOLD	
+ Q-13W	22-Jan-04	12:15	WATER	2 VOA		X													
			WATER	1 LTR	X														
			WATER	1 PLS															X
+ Q-14W	22-Jan-04	12:20	WATER	2 VOA		X													
			WATER	1 LTR	X														
			WATER	1 PLS															X
+ Q-12W	22-Jan-04	12:30	WATER	2 VOA															X
			WATER	1 LTR	X														
			WATER	1 PLS															X

Collected by: Don Ashton
 Relinquished by: Donald Ashton Date/Time 1-23-04 05:00
 Relinquished by: Jim Perry 298 Date/Time 1/23/04 1520
 Method of Shipment: _____

Collector's Signature: Donald Ashton
 Received by: Jim Perry 298 Date/Time 1/23/04 0830
 Received by: Mel Valle Date/Time 01/23
 Sample Condition on Rcpt: _____

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

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

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	Test(s): 7471A
Sample ID: W-1	Lab ID: 2004-02-0591 - 1
Sampled: 02/19/2004 15:00	Extracted: 2/19/2004 17:51
Matrix: Wipe	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	

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	Test(s): 7471A
Sample ID: W-2	Lab ID: 2004-02-0591 - 2
Sampled: 02/19/2004 15:15	Extracted: 2/19/2004 17:51
Matrix: Wipe	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	

CAM 17 Metals

Clayton Group Services, Inc.

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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	Test(s): 7471A
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	Conc.	RL	Unit	Dilution	Analyzed	Flag
Mercury	0.009	0.000050	mg/wip	1.00	02/20/2004 16:09	

CAM 17 Metals

Clayton Group Services, Inc.

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

Project: 70-04429.01

Received: 02/19/2004 16:15

Prep(s): 7471A	Test(s): 7471A
Sample ID: W-4	Lab ID: 2004-02-0591 - 4
Sampled: 02/19/2004 15:25	Extracted: 2/19/2004 17:51
Matrix: Wipe	QC Batch#: 2004/02/19-03.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Mercury	0.00024	0.000050	mg/wip	1.00	02/20/2004 16:10	

CAM 17 Metals

Clayton Group Services, Inc.

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

Project: 70-04429.01

Received: 02/19/2004 16:15

Prep(s): 7471A	Test(s): 7471A
Sample ID: W-5	Lab ID: 2004-02-0591 - 5
Sampled: 02/19/2004 15:29	Extracted: 2/19/2004 17:51
Matrix: Wipe	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	

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	Test(s): 7471A
Sample ID: W-6	Lab ID: 2004-02-0591 - 6
Sampled: 02/19/2004 15:32	Extracted: 2/19/2004 17:51
Matrix: Wipe	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	

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

Prep(s): 7471A

Method Blank

MB: 2004/02/19-03.16-011

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	

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

Prep(s): 7471A

Test(s): 7471A

Laboratory Control Spike

Wipe

QC Batch # 2004/02/19-03.16

LCS 2004/02/19-03.16-012

Extracted: 02/19/2004

Analyzed: 02/20/2004 16:04

LCSD 2004/02/19-03.16-013

Extracted: 02/19/2004

Analyzed: 02/20/2004 16:05

Compound	Conc. mg/wip		Exp. Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Mercury	0.000516	0.000526	0.000500	103.2	105.2	1.9	85-115	20		

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

02/25/2004 14:48

SEVERN
TRENT

STL

STL San Francisco Chain of Custody
1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 484-1096
Email: sflogin@stl-inc.com

Reference #: _____

Date 2-19-04 Page 1 of 1

Report To					Analysis Request														
Attn: <u>DON ASHTON</u>					<input type="checkbox"/> TPH EPA - 80150021 <input type="checkbox"/> 8260B <input type="checkbox"/> Gas w/ <input type="checkbox"/> BTEX <input type="checkbox"/> MTBE <input type="checkbox"/> Purgeable Aromatics <input type="checkbox"/> BTEX EPA - 8021 <input type="checkbox"/> 8260B <input type="checkbox"/> TEPH EPA 8015M <input type="checkbox"/> Silica Gel <input type="checkbox"/> Diesel <input type="checkbox"/> Motor Oil <input type="checkbox"/> Other <input type="checkbox"/> Fuel Tests EPA 8260B: <input type="checkbox"/> Gas <input type="checkbox"/> BTEX <input type="checkbox"/> Five Oxygenates <input type="checkbox"/> DCA, EDB <input type="checkbox"/> Ethanol <input type="checkbox"/> Purgeable Halocarbons <input type="checkbox"/> (HVOCS) EPA 8021 by 8260B <input type="checkbox"/> Volatile Organics GC/MS (VOCs) <input type="checkbox"/> EPA 8260B <input type="checkbox"/> 624 <input type="checkbox"/> Semivolatiles GC/MS <input type="checkbox"/> EPA 8270 <input type="checkbox"/> 625 <input type="checkbox"/> Oil and Grease <input type="checkbox"/> Petroleum <input type="checkbox"/> (EPA 1664) <input type="checkbox"/> Total <input type="checkbox"/> Pesticides <input type="checkbox"/> EPA 8081 <input type="checkbox"/> 808 <input type="checkbox"/> PCBs <input type="checkbox"/> EPA 8082 <input type="checkbox"/> 608 <input type="checkbox"/> PNAs by <input type="checkbox"/> 8270 <input type="checkbox"/> 8310 <input type="checkbox"/> CAM17 Metals <input type="checkbox"/> (EPA 6010/7470/7471) <input type="checkbox"/> Metals: <input type="checkbox"/> Lead <input type="checkbox"/> LUFT <input type="checkbox"/> RCRA <input type="checkbox"/> Other: <input type="checkbox"/> Low Level Metals by EPA 200.8/6020 <input type="checkbox"/> (ICP-MS): <input type="checkbox"/> WLET (STLC) <input type="checkbox"/> TCLP <input type="checkbox"/> Hexavalent Chromium <input type="checkbox"/> pH (24h hold time for H ₂ O) <input type="checkbox"/> Spec Cond. <input type="checkbox"/> Alkalinity <input type="checkbox"/> TSS <input type="checkbox"/> TDS <input type="checkbox"/> <input type="checkbox"/> Anions: <input type="checkbox"/> Cl <input type="checkbox"/> SO ₄ <input type="checkbox"/> NO ₃ <input type="checkbox"/> F <input type="checkbox"/> Br <input type="checkbox"/> NO ₂ <input type="checkbox"/> PO ₄														
Company: <u>CLAYTON GROUP SERVICES</u>																			
Address: <u>6920 KOLL CENTER PKWY, #216</u>																			
Phone: <u>PLEASANTON, CA</u> Email: <u>DASHTON@CLAYTONGROUP.COM</u>																			
Bill To: <u>SIAME</u> Sampled By: <u>W. Cechter</u>																			
Attn: _____ Phone: <u>925-426-2679</u>																			
Sample ID	Date	Time	Mat rix	Pres erv.															
<u>W-1</u>	<u>2-19-04</u>	<u>15:00</u>	<u>W/PC</u>	<u>✓</u>															
<u>W-2</u>		<u>15:15</u>																	
<u>W-3</u>		<u>15:22</u>																	
<u>W-4</u>		<u>15:25</u>																	
<u>W-5</u>		<u>15:29</u>																	
<u>W-6</u>		<u>15:32</u>																	
<u>EQ BLACK</u>	<u>2-18-04</u>		<u>120</u>	<u>16</u>															

RUSH

Project Info.					Sample Receipt					1) Relinquished by:					2) Relinquished by:					3) Relinquished by:				
Project Name: <u>70-04429.01</u>					# of Containers: _____					Signature: <u>Don Ashton</u> Time: <u>16:15</u>					Signature: _____ Time: _____					Signature: _____ Time: _____				
Project#: _____					Head Space: _____					Printed Name: <u>DON ASHTON</u> Date: <u>2-19-04</u>					Printed Name: _____ Date: _____					Printed Name: _____ Date: _____				
PO#: _____					Temp: _____					Company: <u>CLAYTON GROUP</u>					Company: _____					Company: _____				
Credit Card#: _____					Conforms to record: _____					1) Received by:					2) Received by:					3) Received by:				
T	5	72h	48h	24h	Other: _____					Signature: _____ Time: _____					Signature: _____ Time: _____					Signature: <u>Nounek</u> Time: <u>16:15</u>				
Report: <input type="checkbox"/> Routine <input type="checkbox"/> Level 3 <input type="checkbox"/> Level 4 <input type="checkbox"/> EDD <input type="checkbox"/> State Tank Fund EDF <input type="checkbox"/> Global ID _____					Special Instructions / Comments: _____					Printed Name: _____ Date: _____					Printed Name: _____ Date: _____					Printed Name: <u>Nounek</u> Date: <u>2/19/04</u>				
										Company: _____					Company: _____					Company: <u>STL-SF</u>				

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

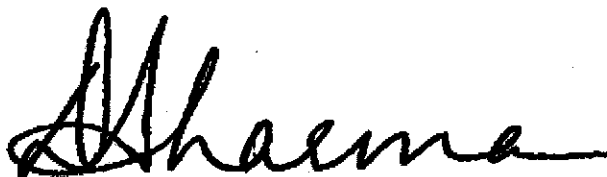
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

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,



Dimple Sharma
Project Manager

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

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: 02/27/2004 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

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

03/01/2004 15:42

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: 02/27/2004 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	03/01/2004 14:11	
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	

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: 02/27/2004 13:20

Prep(s): 3050B	Test(s): 6010B
Sample ID: W-2A	Lab ID: 2004-02-0846 - 2
Sampled: 02/27/2001 11:51	Extracted: 2/27/2004 19:44
Matrix: Wipe	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	
Cobalt	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	

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: 02/27/2004 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
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 14:40	
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	ND	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	

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: 02/27/2004 13:20

Prep(s): 3050B	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
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 14:45	
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	

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: 02/27/2004 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
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 14:49	
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	

Metals

Clayton Group Services, Inc.

Attn.: Don Ashton

6920 Koll Center Parkway
Suite 216

Pleasanton, CA 94566-4756

Phone: (925) 426-2679 Fax: (925) 426-0108

Project: 70-04429.01

Received: 02/27/2004 13:20

Prep(s):	3050B	Test(s):	6010B
Sample ID:	W-6A	Lab ID:	2004-02-0846 - 6
Sampled:	02/27/2004 12:18	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 14:54	
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	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.st-inc.com * CA DHS ELAP# 2496

03/01/2004 15:42

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: 02/27/2004 13:20

Batch QC Report

Prep(s): 3050B

Method Blank

MB: 2004/02/27-03.15-087

Wipe

Test(s): 6010B

QC Batch # 2004/02/27-03.15

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	

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: 02/27/2004 13:20

Batch QC Report

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	
Thallium	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	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

03/01/2004 15:42

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: 02/27/2004 13:20

Batch QC Report

Prep(s): 3050B

Test(s): 6010B

Laboratory Control Spike

Wipe

QC Batch # 2004/02/27-03.15

LCS 2004/02/27-03.15-088

Extracted: 02/27/2004

Analyzed: 03/01/2004 14:01

LCSD 2004/02/27-03.15-089

Extracted: 02/27/2004

Analyzed: 03/01/2004 14:05

Compound	Conc.		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Antimony	0.0895	0.0896	0.1000	89.5	89.6	0.1	80-120	20		
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		
Beryllium	0.0927	0.0940	0.1000	92.7	94.0	1.4	80-120	20		
Cadmium	0.0890	0.0892	0.1000	89.0	89.2	0.2	80-120	20		
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		
Copper	0.0954	0.0961	0.1000	95.4	96.1	0.7	80-120	20		
Lead	0.0908	0.0907	0.1000	90.8	90.7	0.1	80-120	20		
Molybdenum	0.0896	0.0903	0.1000	89.6	90.3	0.8	80-120	20		
Nickel	0.0908	0.0912	0.1000	90.8	91.2	0.4	80-120	20		
Selenium	0.0830	0.0828	0.1000	83.0	82.8	0.2	80-120	20		
Silver	0.0919	0.0924	0.1000	91.9	92.4	0.5	80-120	20		
Thallium	0.0861	0.0860	0.1000	86.1	86.0	0.1	80-120	20		
Vanadium	0.0952	0.0957	0.1000	95.2	95.7	0.5	80-120	20		
Zinc	0.0909	0.0912	0.1000	90.9	91.2	0.3	80-120	20		

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

03/01/2004 15:42

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: 02/27/2004 13:20

Batch QC Report

Prep(s): 3050B

Test(s): 6010B

Laboratory Control Spike

Wipe

QC Batch # 2004/02/27-06.15

LCS 2004/02/27-06.15-013

Extracted: 02/27/2004

Analyzed: 03/01/2004 08:49

LCSD 2004/02/27-06.15-014

Extracted: 02/27/2004

Analyzed: 03/01/2004 08:53

Compound	Conc. mg/wip		Exp.Conc.	Recovery %		RPD %	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
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	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		
Nickel	0.0945	0.0941	0.1000	94.5	94.1	0.4	80-120	20		
Selenium	0.0877	0.0876	0.1000	87.7	87.6	0.1	80-120	20		
Silver	0.0955	0.0952	0.1000	95.5	95.2	0.3	80-120	20		
Thallium	0.0876	0.0874	0.1000	87.6	87.4	0.2	80-120	20		
Vanadium	0.0992	0.0990	0.1000	99.2	99.0	0.2	80-120	20		
Zinc	0.0943	0.0939	0.1000	94.3	93.9	0.4	80-120	20		

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

03/01/2004 15:42

Report To					Analysis Request														
Attn: <u>DON ASHTON</u>					<input type="checkbox"/> TPH EPA - 8015/8021 <input type="checkbox"/> 8260B <input type="checkbox"/> Gas w/ <input type="checkbox"/> BTEX <input type="checkbox"/> MTBE <input type="checkbox"/> Purgeable Aromatics <input type="checkbox"/> BTEX EPA - 8021 <input type="checkbox"/> 8260B <input type="checkbox"/> TEPH EPA 8015M <input type="checkbox"/> Silica Gel <input type="checkbox"/> Diesel <input type="checkbox"/> Motor Oil <input type="checkbox"/> Other <input type="checkbox"/> Fuel Tests EPA 8260B: <input type="checkbox"/> Gas <input type="checkbox"/> BTEX <input type="checkbox"/> Five Oxides <input type="checkbox"/> DCA, EDB <input type="checkbox"/> Ethanol <input type="checkbox"/> Purgeable Halocarbons <input type="checkbox"/> (HVOCs) EPA 8021 by 8260B <input type="checkbox"/> Volatile Organics GC/MS (VOCs) <input type="checkbox"/> EPA 8260B <input type="checkbox"/> 824 <input type="checkbox"/> Semivolatiles GC/MS <input type="checkbox"/> EPA 8270 <input type="checkbox"/> 825 <input type="checkbox"/> Oil and Grease <input type="checkbox"/> Petroleum <input type="checkbox"/> (EPA 1664) <input type="checkbox"/> Total <input type="checkbox"/> Pesticides <input type="checkbox"/> EPA 8081 <input type="checkbox"/> 608 <input type="checkbox"/> PCBs <input type="checkbox"/> EPA 8082 <input type="checkbox"/> 608 <input type="checkbox"/> PNAs by <input type="checkbox"/> 8270 <input type="checkbox"/> 8310 <input checked="" type="checkbox"/> CAM17 Metals EXCEPT Hg <input type="checkbox"/> (EPA 6010/7070/7471) <input type="checkbox"/> Metals: <input type="checkbox"/> Lead <input type="checkbox"/> LUFT <input type="checkbox"/> RCRA <input type="checkbox"/> Other: <input type="checkbox"/> Low Level Metals by EPA 200.86020 <input type="checkbox"/> (ICP-MS): <input type="checkbox"/> WET (STLC) <input type="checkbox"/> TCLP <input type="checkbox"/> Hexavalent Chromium <input type="checkbox"/> pH (24h hold time for H ₂ O) <input type="checkbox"/> Spec Cond. <input type="checkbox"/> Alkalinity <input type="checkbox"/> TSS <input type="checkbox"/> TDS <input type="checkbox"/> <input type="checkbox"/> Anions: <input type="checkbox"/> Cl <input type="checkbox"/> SO ₄ <input type="checkbox"/> NO ₃ <input type="checkbox"/> F <input type="checkbox"/> Br <input type="checkbox"/> NO ₂ <input type="checkbox"/> PO ₄														
Company: <u>CLAYTON GROUP SERVICES INC</u>																			
Address: <u>6920 KOLL CENTER PKWY, #2106</u>																			
Phone: <u>PLEASANTON, CA</u> Email: <u>ASHTON@CLAYTONGRP.COM</u>																			
Bill To: <u>SAME</u> Sampled By: <u>Don Ashton</u> Phone: <u>925-426-2679</u>																			
Sample ID	Date	Time	Mat rix	Pres erv.															
W-1A	2-27-04	11:38	WIPE	<input checked="" type="checkbox"/>															
W-2A		11:51	IN TR																
W-3A		11:59																	
W-4A		12:04																	
W-5A		12:11																	
W-6A		12:18																	
DI-A			H2O 25 ml																

RUSH

Project Info.		Sample Receipt	
Project Name: <u>76-04429.01</u>	# of Containers:	Head Space:	Temp: <u>13.0°C</u>
Project#:		Conforms to record:	
PO#:			
Credit Card#:			

1) Relinquished by:
Don Ashton 13:20
Signature _____ Time _____
Printed Name DON ASHTON Date 2-27-04
Company CLAYTON

2) Relinquished by:
Signature _____ Time _____
Printed Name _____ Date _____
Company _____

3) Relinquished by:
Signature _____ Time _____
Printed Name _____ Date _____
Company _____

T A T	5 Day	72h	48h	<input checked="" type="checkbox"/> 24h	Other:
Report: <input type="checkbox"/> Routine <input type="checkbox"/> Level 3 <input type="checkbox"/> Level 4 <input type="checkbox"/> EDD <input type="checkbox"/> State Tank Fund EDF <input type="checkbox"/> Global ID _____					
Special Instructions / Comments:					

1) Received by:
Signature _____ Time _____
Printed Name _____ Date _____
Company _____

2) Received by:
Signature _____ Time _____
Printed Name _____ Date _____
Company _____

3) Received by:
D. Harrington
Signature _____ Time _____
Printed Name D. Harrington Date 13:20
STL-SF 2/27/04
Company _____

STL San Francisco

Sample Receipt Checklist

Submission #: 2004- 02 - 0846

Checklist completed by: (initials) DSH Date: 02, 27 /04

Courier name: STL San Francisco Client _____

- | | | | | |
|--|------------------------|-------------------------------------|-------------------------------------|--|
| Custody seals intact on shipping container/samples | Yes | No | Not Present | <input checked="" type="checkbox"/> |
| Chain of custody present? | Yes | <input checked="" type="checkbox"/> | No | _____ |
| Chain of custody signed when relinquished and received? | Yes | <input checked="" type="checkbox"/> | No | _____ |
| Chain of custody agrees with sample labels? | Yes | <input checked="" type="checkbox"/> | No | _____ |
| Samples in proper container/bottle? | Yes | <input checked="" type="checkbox"/> | No | _____ |
| Sample containers intact? | Yes | <input checked="" type="checkbox"/> | No | _____ |
| Sufficient sample volume for indicated test? | Yes | <input checked="" type="checkbox"/> | No | _____ |
| All samples received within holding time? | Yes | <input checked="" type="checkbox"/> | No | _____ |
| Container/Temp Blank temperature in compliance ($4^{\circ}C \pm 2$)? | Temp: <u>13.0</u> °C | Yes | <input checked="" type="checkbox"/> | No _____ |
| | Ice Present | Yes | _____ | No <input checked="" type="checkbox"/> |
| Water - VOA vials have zero headspace? | No VOA vials submitted | <input checked="" type="checkbox"/> | Yes | _____ No _____ |

(if bubble is present, refer to approximate bubble size and itemize in comments as S (small ~O), M (medium ~ O) or L (large ~ O))

Water - pH acceptable upon receipt? Yes No wipes
 pH adjusted- Preservative used: HNO₃ HCl H₂SO₄ NaOH ZnOAc -Lot #(s) _____

For any item check-listed "No", provided detail of discrepancy in comment section below:

Comments:

Project Management [Routing for instruction of indicated discrepancy(ies)]

Project Manager: (initials) _____ Date: _____ / _____ /04

Client contacted: Yes No

Summary of discussion:

Corrective Action (per PM/Client):

