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Environmental Health

January 23, 2008

Alameda County Environmental Health Services
Mr. Jerry Wickham
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

**Subject: Additional Site Characterization Report
461 McGraw Avenue, Livermore, California 94550
EIS Project # 717-3**

Dear Mr. Wickham,

On behalf of Whitney Newland, Administrator of the Estate of the late Crandal Mackey, and Probate Court-authorized agent for Call Mac Transportation Company, Environmental Investigation Services Inc. (EIS) is submitting this report to document additional site characterization at 461 McGraw Avenue, Livermore, California (the site) for your approval. The purpose of the work was to delineate the extent of tetrachloroethene (PCE) contamination in groundwater and, if possible, find the source area. While advancing borings for the investigation two small areas were found containing shallow soils contaminated with petroleum hydrocarbons. The removal of these soils is also presented in this report. This report documents the following activities conducted at the site between November 21, 2007 and December 19, 2007.

- Drilling and sampling soil borings B-7 through B-36
- Excavation and disposal of soil from Areas B-10 and B-12
- Second groundwater monitoring event for wells MW-1, MW-2 and MW-3
- Installation and sampling of soil gas probes SG-5 through SG-25

The site is located northeast of the intersection of McGraw Avenue and Preston Road in Livermore, Alameda County, California. The nearest surface water is Arroyo Seco, located approximately ½ mile south of the site. Surface water in Arroyo Seco flows to the northwest. The site location is shown on Figure 1. Figure 2 depicts the site plan, including various features of concern. The site is currently vacant, but was formerly used by Call Mac Transportation Company as truck and trailer storage yard.

BACKGROUND

The detailed history of the environmental investigative work conducted at the site was presented in EIS's *Further Site Investigation and Remedial Action Report* dated January 14, 2008. The

following summarizes the relevant work and findings leading to the investigation presented in this report.

On November 5, 2007 monitoring wells MW-1 through MW-3 were installed into the shallow aquifer extending to a total depth of 20 feet bgs. Soil samples were collected at 5-foot deep intervals. Total petroleum hydrocarbons as diesel (TPH-d) and total petroleum hydrocarbons as motor oil (TPH-o or TPH-mo), and/or total petroleum hydrocarbons as gasoline (TPH-g) were detected in two of the ten samples collected from borings MW-1 through MW-3 at concentrations below the regulatory screening levels. The groundwater samples collected from monitoring well MW-1 located immediately adjacent to the DO-3 area excavation contained 10 micrograms per liter ($\mu\text{g/L}$) of PCE which exceeds the California Department of Health Services maximum contaminant level (MCL) of 5 $\mu\text{g/L}$. No TPH-g, TPH-d, benzene, toluene, ethylbenzene, total xylenes (BTEX) compounds, or other VOCs were detected. Groundwater elevation measurements indicate groundwater is flowing to the northwest with a gradient of 0.011 feet per foot.

On November 13, 2007, at the request of Mr. Jerry Wickham of Alameda County Environmental Health Services (ACEH), four soil gas samples (SG-1 through SG-4) were collected at specific areas of concern onsite. The limited soil gas survey indicated the presence of low concentrations of VOCs in the subsurface. None of the compounds detected (including PCE and benzene) were at concentrations above the respective ESLs for shallow soil gas (collected less than 1.5 meters [5 feet] below a building foundation or the ground surface) intended for evaluation of potential indoor-air impacts for residential land use or high enough to represent a potential source area for the PCE detected in groundwater. The results were reported to ACEH on December 3, 2007 in EIS's report entitled *Site Investigation Results and Workplan for Further Site Investigation and Soil Remediation*. This report also presented soil analytical results from borings B-10, B-10A, and B-12 and proposed the remedial action that is reported below.

This report documents additional site characterization for groundwater contamination conducted between November 21, 2007 and December 19, 2007 and the remedial activities conducted on December 6 and 7, 2007 to removed shallow soil contamination.

MONITORING WELL SAMPLING

On November 27, 2007 a second round of groundwater sampling that included measuring groundwater elevations were collected from monitoring wells MW-1, MW-2, and MW-3. Prior to groundwater sampling, the depth to groundwater and total depth of each monitoring well was measured using the top of casing (TOC) as a reference point.

Prior to conducting the sampling event, all equipment were properly cleaned and kept away from the contaminants. Each well was purged using a submersible pump until a minimum of 3 casing volumes were purged and indicator parameters (i.e., electrical conductivity (EC), pH, and temperature) stabilized within 10% of the previous reading. Following purging, the samples were collected using a disposable bailer. The samples were collected and sealed within EPA-approved containers provided by the laboratory. The water samples were then labeled, logged onto chain-of-custody documentation, and transported on ice to the laboratory. Field forms documenting EIS's sample collection activities are presented in Attachment E.

Monitoring Well Sample Analyses

Groundwater samples collected from monitoring wells MW-1, MW-2, and MW-3 were analyzed for the presence of TPH-g, BTEX and MTBE using EPA Method 8021B, TPH-d and TPH-mo using EPA Method 8015B, VOCs using EPA Method 8260B and Total CAM 17 metals using EPA Method E200.8.

Groundwater Flow Direction and Gradient

Groundwater elevation data measured on November 27, 2007 are presented on Table 4. Groundwater elevations were used to construct a groundwater elevation contour map (Figure 6). Based on the November 27, 2007 data, groundwater appears to flow toward the west northwest. The groundwater flow gradient is about 0.006 feet per foot. This was consistent with the November 9, 2007 measurements (EIS, January 14, 2008).

Monitoring Well Sample Analytical Results

The analytical results from the both rounds of sampling are summarized on Table 5 and 6. The laboratory analytical report and chain-of-custody document for the groundwater samples are included in Attachment F.

With the exception of the metals analyses, the analytical results from the November 27, 2007 sampling event were very similar to the November 9, 2007 event. The groundwater sample collected from monitoring well MW-1 contained 7.3 µg/L of PCE as compared to 10 µg/L detected the previous time. California Department of Health Services (CDHS) maximum contaminant level (MCL) for PCE is 5 µg/L (Table 5). Similar to the previous event no TPH-g, TPH-d, BTEX compounds, or other VOCs were detected in the well samples. TPH-mo, which was not included in the analysis during the previous sampling event was also not detected.

For both sampling events, the wells were sampled for total metals, which represents the dissolved and suspended fractions of metals in the sample. These results would indicate the maximum expected concentrations of metals that could potentially occur in groundwater, however, regulatory screening levels are based on dissolved metal concentrations, that is, the concentrations of metals remaining in the sample after it is filtered. Typically, one can expect the dissolved metals concentration to be less than the total metals concentration.

The November 27 results showed a marked increase in nearly all the metals concentrations from the previous sampling event. The data shown on Table 6 indicates that for certain metals e.g., cobalt, copper, chromium, lead, nickel, and zinc the increase in concentrations was one to nearly two orders of magnitude. This increase is most likely due to the increase in suspended soil particles that entered the well just prior to drawing the sample. The field data sheets from the November 27 sampling event presented in Attachment E indicate an increase in turbidity as the wells were purged. Based on the first round of sampling it did not appear that metals were a concern for the site, however it may be recommended that the wells be redeveloped and resampled using a field filter to enable analysis for dissolved metals.

ADDITIONAL SITE INVESTIGATION

Pre-Field Activities

Before commencing field activities, EIS used a Site-Specific Health and Safety Plan already prepared for the site, reflecting the work to be performed, the potential contaminants, appropriate safety precautions, and emergency response procedures. EIS coordinated with regulatory agencies; scheduling activities to coincide with LPFD or ACEH visits to the site. EIS obtained a drilling permit from the Zone 7 Water Agency. EIS marked the site boundaries with white paint and notified Underground Service Alert (USA) 48 hours before beginning field activities so that companies with underground utilities in the vicinity of the site could mark their locations.

Soil Boring Installation and Soil and Grab Groundwater Sampling Activities

Three phases of work were conducted to installed borings B-7 through B-36. EIS contracted Enprob Environmental Probing (Enprob) of Oroville, California, a C-57 licensed drilling company, to install borings B-7 through B-14 on November 21, 2007 and borings B-15 through B-28 on December 5, 2007. Environmental Control Associates, Inc. (ECA) of Aptos, California, another C-57 licensed drilling company, installed borings B-29 through B-36 on December 17, 2007. All the borings were drilled using truck-mounted Geoprobe™ direct push drilling equipment. Soil cores were obtained from each borehole using 4-foot long Geoprobe™ Macro-Core or dual tube samplers fitted with acetate liners.

The boring locations are shown on Figure 3. The soil encountered in each borehole was logged using the Unified Soil Classification System (USCS) as a guide, and for relative moisture content, odor, and other observable characteristics. Soils encountered were typically dark grayish-brown lean clays underlain by yellowish-brown lean clays and some silts. Significant quantities of caliche were noted in deeper soils, generally below 4 feet. In addition, soils were field screened for the presence of VOCs using a photoionization detector; these values were also recorded on the field logs. Based on the PID readings a decision was made to retain soil samples for laboratory analysis. The boring logs are included in Attachment A of this report.

Borings B-7 through B-36 were drilled to depths between 4 and 32 feet bgs. With the exception of boring B-10A (total depth 4 feet bgs), all the borings were drilled deep enough to intercept the shallow water table for the purpose of collecting a groundwater sample. Groundwater was typically encountered at approximately 11 feet bgs. Elevated PID readings were encountered in soil samples collected from borings B-10, B-10A, B-12 and B-30A (Figure 3). No elevated PID readings were found in soil samples from the other borings.

Boring B-10 was located 15 feet southeast of excavation DO3 area (Figures 3). It was advanced to a depth of 18 feet bgs, with soil samples preserved for laboratory analysis from 3.5-4.0 feet bgs, and 7.5-8.0 feet bgs. There was obvious soil contamination observed to a depth of approximately 8 feet bgs as indicated by elevated PID readings and a noticeable hydrocarbon odor in the soil samples, as well as, the driller's report of an oily product adhering to the drilling rods. One step out boring (B-10A) was drilled approximately 15 feet away from B-10 to characterize the surrounding soils. Boring B-10A was drilled to a depth of 4 feet bgs and it showed indications of petroleum hydrocarbon contamination. EIS would remobilize to the site on December 6, 2007 along with Macoy Resources Corporation (MRC) to further delineate the extent of this shallow soil

contamination and excavate the impacted soil (see below). One soil sample was preserved for analysis from 3.5-4.0 feet bgs from boring B-10A.

Boring B-12 was located approximately 30 feet northwest (downgradient) of monitoring well MW-1. Boring B-12 was drilled to a depth of 18 feet bgs, with one soil sample preserved for laboratory analysis from 2.0-2.5 bgs. The soil contamination in this boring location appeared to be limited to within 3 feet of ground surface. MRC would later excavate the impacted soil in this area (see below).

Boring B-30A was drilled adjacent to boring B-26 where the highest PCE concentrations in groundwater were detected. A slight odor and slightly elevated PID readings were detected in the soil samples to a depth of approximately 10 feet bgs.

Three confirmation soil samples were also retained for laboratory analysis from boring B-20. These samples did not show indications of contamination in the field but were from areas where elevated PCE concentrations in groundwater were detected. All soil samples were cut from the acetate tube, capped at both ends, labeled, placed in Ziplock plastic bag, logged onto a chain-of-custody document, and transported on ice to the laboratory.

Groundwater samples were collected two different ways. To collect nondepth-discrete samples, after the boring reached total depth, 3/4-inch diameter slotted polyvinyl chloride (PVC) well casing was inserted into the boring and using a disposable PVC bailer a groundwater sample was drawn from the hole. In most cases recharge to the temporary wells was very slow and field personnel had to wait until the following day to collect the grab groundwater samples. Depth-discrete samples such as those collected from borings B-20, B-30B and B-30C were collected using the dual-tube Geoprobe system. With this system the drive rods were pushed into the ground with a steel tip attached to inner rods that are locked in place until the desire depth is reached at which point the inner rods along with the steel tip are extracted. After the inner rods are removed temporary 3/4"-diameter slotted polyvinyl chloride (PVC) casing is inserted through the outer rods then the outer rods are pulled up approximately 3 feet to expose a section of the uncased borehole allowing water to enter. A grab groundwater sample will be collected by lowering a disposable bailer through the PVC casing. Each sample was transferred into EPA-approved containers. The water samples were sealed, labeled, logged onto chain-of-custody forms, and transported on ice to the laboratory.

The borings were abandoned by backfilling via tremie pipe with neat cement grout.

Soil and Grab Groundwater Sample Analyses

The soil and grab groundwater samples were submitted to McCampbell Analytical, Inc., California, for analysis. McCampbell Analytical, Inc. is California-certified for hazardous waste analyses.

The soil and grab groundwater samples collected from the soil borings were analyzed by:

- ◆ EPA Method 8260B for VOCs including methyl tert-butyl ether (MTBE).

Optional analyses included (typically run on soil samples where elevated PID readings occurred):

- ◆ EPA Method 8260B for TPH-g

- ◆ EPA Method 8015C for TPH-d and TPH-o

Soil Sample Analytical Results

Soil analytical data from the soil borings are summarized in Table 1. The analytical reports and chain-of-custody documents for the soil samples are included in Attachments B, and I of this report.

The soil sample collected from boring B-10 at 3.5 feet bgs (sample id B-10@3.5) contained 1,600 mg/kg TPH-d, 520 mg/kg TPH-o, 38 mg/kg TPH-g, 0.13 mg/kg PCE, 1.9 mg/kg naphthalene, 0.069 mg/kg ethylbenzene and 0.47 mg/kg total xylenes and trace levels of several other VOCs. The soil sample collected from boring B10A at 3.5 feet bgs (sample id B10A@3.5) contained 3,100 mg/kg TPH-d, 1,100 mg/kg TPH-o, and 4.6 mg/kg TPH-g, 0.18 mg/kg PCE and 0.01 mg/kg 1,3,5-trimethylbenzene. The soil sample collected from boring B12 at 2 feet bgs (sample id B12@2) contained 3,200 mg/kg TPH-d and 880 mg/kg TPH-o and 0.0071 mg/kg PCE (Table 1).

TPH-d concentrations detected in samples B10@3.5, B10A@3.5 and B12@2 and naphthalene detected in sample B10@3.5 exceeded the Regional Water Quality Control Board's (RWQCB) Environmental Screening Levels (ESLs) for residential properties where water is currently or potentially a drinking water source (RWQCB, November 2007).

The three soil samples collected for laboratory analysis from boring B-20 at 1 foot, 4 feet, and 7.5 feet bgs contained no MTBE, BTEX or other VOCs detected in any of the soil samples from the soil borings. These samples were not analyzed for TPH (Table 1).

The only analyte detected in sample B-30A@3.5 collected from 3.5 feet bgs was TPH-d at 1.5 mg/kg. The deeper sample from boring B-30A collected from 7.5 feet bgs (i.e., B-30A@7.5) contained PCE at a concentration of 0.014 mg/kg, TPH-d at 15 mg/kg, and TPH-o at 17 mg/kg. All of these detected constituents were at concentrations below RWQCB ESL screening levels and United States Environmental Protection Agency (EPA) preliminary remediation goals (PRGs) for residential properties.

Grab Groundwater Sample Analytical Results

Grab groundwater analytical data are summarized in Table 2. The analytical reports and chain-of-custody documents for the samples are included in Attachments C, G, J and K of this report.

PCE was detected in 20 of the 32 groundwater samples analyzed from borings B-7 through B-36 with concentrations ranging from 0.86 µg/L to 1,800 µg/L (Table 1 and Figure 9). The laboratory reporting limit for PCE was 0.5 µg/L. Some samples contained trace concentrations of several other VOCs but none of the breakdown products associated with PCE, such as trichloroethene (TCE), trichloroethane (TCA), dichloroethene (DCE), or vinyl chloride were detected. The MCL for PCE is 5 µg/L and was exceeded in most of the groundwater samples where PCE was detected (Table 2).

The samples from borings B-10 and B-12 were the only groundwater samples analyzed for TPH-o, TPH-d, and TPH-g. B-10 contained 84 µg/L TPH-d and B-12 contained 120 µg/L TPH-g and 54 µg/L TPH-d, which are below the RWQCB ESLs.

No Benzene or MTBE, were detected in any of the grab groundwater samples from the borings.

Extent of PCE in Groundwater

The lateral extent of extent of PCE in groundwater is presented in Figure 9. The PCE concentrations shown on the map are from all the groundwater sampling conducted to date. The extent of the contamination is nearly entirely within site boundaries. Some low concentrations of PCE slightly above the MCL may extend to the west of the site as indicated by results from borings B-24, B- 32, and B-33. Boring B-4 was not used in contouring the PCE concentrations because the sample may have been drawn from a deeper part of the aquifer than the other samples.

The vertical extent of the PCE contamination on the eastern half of the plume was defined by boring B-20; no PCE was detected in the discrete-level sample collected from a depth of interval of 26 to 32 feet bgs. The attempt to delineate the vertical extent of the contamination near boring B-26 was not successful. Boring B-30A, B-30B, and B-30C showed the PCE concentrations decline with depth but were still as high as 600 µg/L at a depth of 25 feet bgs.

ADDITIONAL SOIL GAS SURVEY

To further characterize the groundwater and to delineate the possible source area(s) of the PCE contamination in groundwater, EIS collected and analyzed 22 soil gas samples. Figure 7 shows the soil gas sample locations SG-5 through SG-24. The soil gas sample locations SG-5 through SG-24 were chosen based on the available results of the soil and groundwater analysis and EIS's earlier site characterization and remedial activities.

Soil gas boring installation

On December 14-15, 2007, EIS contracted with Environmental Control Associates of Aptos, California, a C-57 licensed drilling company, to install 22 temporary soil gas borings SG-5 through SG-24 at the site using a truck-mounted direct push drill rig. The soil gas sample boreholes were advanced by continuously coring each borehole with a 1.5-inch (outside diameter) sample tool.

At each soil gas sample location, a 2.25-inch diameter borehole was completed to a depth of 4 feet bgs; 8 feet for soil gas probes SG-9@8 and SG-14@8. Each soil gas sample location was then completed as a "semi-permanent soil gas probe." Each soil gas boreholes was logged and the soils were field screened using a PID. The boring logs are presented in Attachment A. None of the soil gas locations were found to have contaminated soil as indicated by the field screening that would suggest a potential source area for the PCE contamination.

Semi-permanent soil gas probes, consisting of a 1-inch long porous aluminum tip fitted onto a 1/8" diameter polyethylene tubing, were constructed by lowering the aluminum tip and tubing assembly to the bottom of the hole. A clean fine sand was used to fill the lower 6 inches of the hole and encapsulate the aluminum tip. Dry granular bentonite was then poured into the borehole in 2 to 4 inch thick lifts and carefully hydrated all the way to ground surface. The semi-permanent soil gas probes were allowed to equilibrate for at least 30 minutes prior to soil gas sample collection.

Soil gas sampling

Soil gas samples were collected on December 14 and 15, 2007, using 6-liter air sampling Summa canisters supplied by the analytical laboratory. A T-joint fitting was attached to the tubing connecting one end to Summa canister and the other end to a purge canister. The purge rate was regulated by a flow restrictor set at 100 milliliters per minute. The soil gas probe was purged for three minutes before collecting the soil samples. After purging the line, the valve was turned to allow the Summa canister to fill with gas from the probe. A pressure gauge fitted in line with the system was monitored so that it was known when the Summa canister was filled. While filling the Summa canisters the connections in the system were swabbed with isopropyl alcohol to check the integrity of the system when the sample was analyzed. The presence of isopropyl alcohol in the sample likely means that the system was not completely sealed and some outside air was able to enter the Summa canister. Once filled, the Summa canisters were sealed using an integral valve and transported to the analytical laboratory under a chain-of-custody document.

Soil gas sampling analysis and findings

The soil gas samples were analyzed by Torrent Laboratory, Inc., of Milpitas, California. Each soil gas sample was analyzed for volatile organic compounds using Environmental Protection Agency (EPA) Method TO-15. Table 7 summarizes the analytical results and compares them to the California Human Health Screening Levels (Cal/EPA January 2005) and ESLs. The laboratory analytical reports and chain-of-custody documentation are included in Attachment H of this report.

PCE was detected in every soil gas probe except SG-11 and SG-12 at concentrations ranging between 45 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) to 40,000 $\mu\text{g}/\text{m}^3$. The soil gas samples that exceeded the screening levels for PCE concentrations were; SG-9@4A, SG-9@8, SG-10, SG-13, SG-14@4, SG-14@8, SG-21 and SG-22 with 3100, 40000, 4600, 4300, 1300, 4400, 190, 4100, 24000, 330 and 250 $\mu\text{g}/\text{m}^3$ respectively.

As indicated in Table 7, all other detected constituents were below the California Regional Water Quality Control Board ESLs and the California Human Health Screening Levels (CHHSLs) for soil gas screening levels for shallow soil gas data (collected less than 1.5 meters [5 feet] below a building foundation or the ground surface) intended for evaluation of potential indoor-air impacts for residential land use. Unlike the groundwater or soil samples some TCE, a known breakdown compound of PCE, was detected in three soil gas samples where PCE was the highest. The TCE concentrations were relatively low.

In the locations where two highest concentrations of PCE were detected in groundwater, a test of vertical attenuation of soil gas was conducted to see if soil gas concentrations were higher or lower with depth. This information may be useful when doing a risk assessment for the site. In each case the deeper sample had the highest PCE concentrations. At SG-9@4' and SG-9@8' the deep sample was considerably higher 40,000 $\mu\text{g}/\text{m}^3$ versus 3,100 $\mu\text{g}/\text{m}^3$. These results could be skewed somewhat because there was an indication of a leak in the system when sampling SG-9@4' which may have diluted the sample. At SG-14@4' and SG-14@8' the deeper sample was 4,440 $\mu\text{g}/\text{m}^3$ versus 1,300 $\mu\text{g}/\text{m}^3$ in the shallower depth. Because higher concentrations of PCE

were detected nearer to the groundwater table, it suggests that the groundwater plume is the source of the PCE in the soil gas.

Extent of PCE in Soil Gas

The main purpose of the soil gas survey was to help identify the possible source area(s) for the PCE contamination in groundwater but results were inconclusive. Laboratory analytical data of PCE concentrations in soil gas samples were used in construction of a PCE contour map (Figure 8). The contour map indicates that the presence of PCE in soil gas is pervasive throughout the area explored. Based on the December 14 and 15, 2007 data, the areas of elevated PCE concentrations in soil gas overlay fairly consistently with the areas where PCE concentrations were elevated in groundwater. This would support the idea that PCE detected in the soil gas is coming from the groundwater. As stated earlier, none of the soil gas locations were found to have contaminated soil as indicated by the field screening that would suggest a potential source area for the PCE contamination, that includes SG-22 where PID readings were nearly non-detected yet the soil gas concentration was 24,000 $\mu\text{g}/\text{m}^3$ PCE.

Surveying

Mid Coast Engineers, a California-licensed surveying firm was dispatched to the site on December 19, 2007 to survey all the soil borings, soil gas sampling locations, excavations, and wells. All these site features were surveyed relative to the US State Plane 1983 coordinate system and NAD 1983 datum. The horizontal positions and measuring point elevations of the wells were surveyed with a reported accuracy of approximately 1 centimeter. All the figures presented in this report were derived from the Mid Coast Engineers survey data.

EXCAVATION AND DISPOSAL OF B-10 AND B-12 AREA SOILS

Excavation Activities

On December 3, 2007 EIS submitted a workplan to the ACEH to excavate and remove the impacted soil in the B-10 and B-12 areas (EIS, December 3, 2007). EIS contracted with Macoy Resources Corporation (MRC) of Paso Robles, California, a HAZWOPER certified contractor, to perform the work. On December 6 and 7, 2007, MRC excavated a combined 304 tons of contaminated soil from the B-10 and B-12 areas and stockpiled it temporarily on plastic sheeting prior to disposal at Altamont Landfill under non-hazardous waste manifest. Approximately 204 tons of soil was transported to the landfill on December 7, 2007; about 100 tons of soil remains on site covered with plastic pending disposal.

Decisions made in the field on whether to continue expanding the excavation laterally and vertically were based on visual indications of staining, obvious odors, and soil screening using a PID. When there were no staining or obvious odors apparent and the PID readings showed no significant presence of VOCs in the soil, the excavation work was halted and confirmation soil samples were collected for analysis. The final excavation depths in the B-10 and B-12 areas were 10.5 feet and 4 feet bgs, respectively.

Groundwater began seeping into the B-10 excavation at 10.5 feet bgs, therefore the excavation was not deepened further. The excavations have not been backfilled as yet and temporary fencing has been placed around the excavations as a safety precaution. The excavation boundaries of the B-10 and B-12 areas are shown on Figures 2, 4 and 5.

Confirmation Soil Sampling

On December 7, 2007, EIS collected nine confirmation soil samples from B-10 excavation area and five confirmation soil samples from B-12 excavation area (Figures 4 and 5). All these confirmation soil samples were collected in a clean 2-inch diameter by 6-inch long stainless steel sleeves. The stainless-steel sleeves were sealed with Teflon sheets and plastic caps, labeled, logged onto a chain of custody document, and placed into a chilled ice chest for transport to McCampbell Analytical, Inc., of Pittsburg, California.

Confirmation Soil Sample Analysis

The soil samples collected from Excavations B-10 and B-12 were analyzed by McCampbell Analytical, Inc., of Pittsburg, California using the following methods:

- ◆ EPA Method 8015Cm for TPH-g
- ◆ EPA Method 8015C for TPH-d, TPH-o
- ◆ EPA Method 8260B for VOCs including BTEX and MTBE

Confirmation Soil Sample Analytical Results

The analytical results for the excavation confirmation samples are summarized in Table 3, and the laboratory analytical reports are included in Attachment D.

There was no TPH-g, TPH-o, TPH-d, BTEX, or MTBE detected in any of the confirmation samples collected from excavation B-10 and B-12 area. Low concentrations of TPH-g were detected in confirmation soil samples B10-CS2 and B10-CS9 at 2 mg/kg, and 2.6 mg/kg respectively (which are below the ESL of 83 mg/kg for TPH-d). PCE was also detected in trace amounts in two of the confirmation samples, B10-CS3 and B12-CS1 that were well below the ESL and PRG (Table 3).

CONCLUSIONS

Based on the site activities, analytical data, and documentation presented in this report, EIS has reached the following conclusions:

- The impacted soil detected in borings B-10, B-10A and B-12 was excavated. Confirmation soil samples indicate that no constituents of concern remain in the soil above regulatory screening levels for residential property. Approximately 304 tons of soil were excavated from this area, of which approximately 204 tons have been transported to the Altamont Landfill for disposal. About 100 tons of soil remain stockpiled on site and covered with plastic sheeting pending removal. The excavations have not been backfilled as yet.

- Groundwater grab samples were collected from borings B-7 through B-36. PCE concentrations ranged from 0.86 µg/L to 1,800 µg/L. PCE was detected in well MW-1 at 7.3 µg/L on November 27, 2007. The CDHS MCL for PCE of 5 µg/L. No other constituents detected in any of the samples exceeded the MCLs.
- The lateral extent of PCE contamination in groundwater has been delineated and appears to be limited to the central portion of the site. Based on analytical results of groundwater grab samples from borings drilled along the western side of the site (parallel to McGraw Avenue) it is possible that low concentrations of PCE may have traveled beyond the site boundary. Based on November 27, 2007 groundwater elevation data, groundwater appears to flow toward the northwest. The groundwater flow gradient is about 0.006 feet per foot.
- The vertical extent of PCE contamination on the eastern side of the plume appears to be approximately 28 feet as determined by a discrete level sample collected from boring B-20. The vertical extent was not defined on the western side of the plume. A discrete level sample collected boring B-30C from a depth of 25 feet contained 600 µg/l of PCE.
- On December 14 and 15, 2007, EIS collected and analyzed 20 soil gas samples from a depth of 4 feet bgs around the central portion of the site, plus two deeper samples collected from 8 feet bgs in two locations near where the highest PCE concentration where found in groundwater. The pattern of PCE distribution in soil gas closely resembled the results of the PCE groundwater plume.
- PCE was detected in 20 of the 22 samples collected. Eight of the 22 samples contained PCE concentrations above the CHHSLs. The maximum PCE concentration detected was 40,000 µg/m³ from a depth of 8 feet bgs
- Vertical soil gas profiling show that higher concentrations of PCE occurred in soil gas samples collected nearer to the top of the water table suggesting that the groundwater plume is at least one source of the PCE in soil gas. The source area(s) of the PCE contamination were not firmly identified because no soil samples analyzed contained elevated PCE concentrations. Based on the soil gas and groundwater analytical data the source(s) appears to be within the aerial extent of the groundwater plume and is likely to be near the areas of the highest groundwater concentrations.
- The total metals concentrations detected in the groundwater monitoring wells on November 27 were significantly higher than the samples collected previously on November 9, 2007. The reason is mostly likely due to the increase in suspended soil particles in the groundwater samples. The samples were not filtered before being analyzed.

RECOMMENDATIONS

Based on the field data, laboratory analysis and earlier site characterization work, EIS recommends the following:

- Installation of four temporary borings to collected discrete-level groundwater samples from depths of 28, 33, 38, and 45 feet bgs to further characterize the vertical distribution of PCE in groundwater on the western side of the plume. (Figure 9)

- Installation of three additional groundwater monitoring wells (MW-4, MW-5 and MW-6, Figure 9) and sampling of all groundwater monitoring wells. The wells should be sampled for VOCs and dissolved metals.
- EIS will prepare a remedial action plan to address the PCE contamination in groundwater and soil gas.

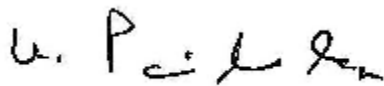
LIMITATIONS

This report includes analytical results for samples taken during the course of the work. The number and location of samples were chosen to provide information on shallow soil and on groundwater in selected areas of the site, but it cannot be assumed that they are representative of areas not sampled. The variations that may exist between sampling points cannot be anticipated, nor could they be entirely accounted for, in spite of exhaustive additional testing. Conclusions beyond those stated and reported herein should not be inferred from this document.

All reports and findings are based on the conditions and practices observed and information made available to Environmental Investigation Services, Inc.

Sincerely,

Environmental Investigation Services, Inc.



Panindhar R. Krishnamraju, Ph.D.
Hydrogeologist



Allen J. Waldman, PG#6323
Project Geologist

Attachments:

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TABLES

Table 1 - Summary of Soil Sample Analytical Results
461 McGraw Avenue, Livermore, California

Soil Sample	Depth (feet)	Date	TPH-d	TPH-mo	TPH-g	MTBE	Benzene	Toluene	PCE	Ethylbenzene	Total Xylenes	sec-Butyl Benzene	Naphthalene	n-Propyl benzene	n-Butyl benzene	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	Other VOCs	Other Oxygenates
B10 @ 3.5'	3.5	11/21/2007	1600,a/m	520	<0.25	<0.005	<0.005	<0.005	0.13	0.069	0.47	0.088	1.9	0.11	0.23	0.66	0.26	ND	ND
B10 @ 8'	8.0	11/21/2007	2.0,b	<5.0	<0.25	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	ND	ND
B10A @ 3.5'	3.5	11/21/2007	3100,a/m	1100	<0.25	<0.005	<0.005	<0.005	0.18	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.01	ND	ND
B12 @ 2'	2.0	11/21/2007	3200,a/m	880	<0.25	<0.005	<0.005	<0.005	0.0071	<0.005	<0.005	0.056	<0.005	<0.005	<0.005	<0.005	0.08	ND	ND
B20 @ 1.0'	1.0	12/5/2007	NA	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	ND	ND
B20 @ 4.0'	4.0	12/5/2007	NA	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	ND	ND
B20 @ 7.5'	7.5	12/5/2007	NA	NA	NA	<0.005	<0.005	<0.005	0.0075	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	ND	ND
B-30A@3.5'	3.5	12/17/2007	1.5,b	<5.0	<0.25	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	ND	ND
B-30A@7.5'	7.5	12/17/2007	15,g,b	17	<0.25	<0.005	<0.005	<0.005	0.014	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	ND	ND
RWQCB ESL			83	4,100	83	0.023	0.044	2.9	0.34	3.3	2.3	--	1.3	--	--	--	--	--	--
USEPA PRG			--	--	--	32	0.64	520	0.48	400	270	--	--	240	240			--	--

Notes:

Data are reported in milligrams per kilogram (mg/kg).

TPH-g = Total Petroleum Hydrocarbons as gasoline

TPH-d = Total Petroleum Hydrocarbons as diesel

TPH-mo = Total Petroleum Hydrocarbons as oil

Bold = results which are greater than the Nov 2007 RWQCB Shallow Soil ESL for residential properties.

VOCs = Volatile Organic Compounds

MTBE = Methyl tert-Butyl Ether

ND = Not Detected

-- = Not Established

BTEX = Benzene, Toluene, Ethylbenzene, Xylenes

PCE = Tetrachloroethene

RWQCB ESL = Regional Water Quality Control Board's Shallow Soil Environmental Screening Level for Residential Property where groundwater is currently or potentially a drinking water resource. (Nov 2007)

USEPA PRG = United States Environmental Protection Agency's Preliminary Remediation Goal for residential soil. (2004)

b = diesel range compounds are significant; no recognizable pattern

a = unmodified or weakly modified diesel is significant

NA = Not analyzed

g = oil range compounds are significant

m = fuel oil

Method 8015C for TPH-d and TPH-mo; Method 8260B to TPH-g, VOCs, and Fuel Oxygenates

Table 2 - Summary of Grab Groundwater Sample Analytical Results
461 McGraw Avenue, Livermore, California

Boring	Total Depth	Date	TPH-g	TPH-d	TPH-mo	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	PCE	Trichlorofluoromet hane	Chloroform	Acetone	Other VOCs	Other Oxygenates
B-1	27'	6/1/2007	<50	<500	<500	<2.000	<1.000	<1.000	<1.000	<3.000	<1.000	<1.000	<1.000	<5.00	ND	ND
B-2	28'	5/31/2007	<50	<500	<500	<2.000	<1.000	<1.000	<1.000	<3.000	<1.000	<1.000	<1.000	<5.00	ND	ND
B-3	25'	5/31/2007	<50	<500	<500	<2.000	<1.000	<1.000	<1.000	<3.000	<1.000	<1.000	<1.000	<5.00	ND	ND
B-4	30'	5/31/2007	<50	<500	<500	<2.000	<1.000	<1.000	<1.000	<3.000	<1.000	<1.000	<1.000	<5.00	ND	ND
B-5	31'	5/31/2007	<50	<500	<500	<2.000	<1.000	<1.000	<1.000	<3.000	<1.000	<1.000	<1.000	<5.00	ND	ND
B-6	30'	5/31/2007	<50	<500	<500	<2.000	<1.000	<1.000	<1.000	<3.000	<1.000	<1.000	<1.000	<5.00	ND	ND
B-7	16'	11/26/2007	NA	NA	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	ND	ND
B-8	18'	11/26/2007	NA	NA	NA	<0.5	<0.5	0.55	<0.5	<0.5	<0.5	<0.5	<0.5	<10	ND	ND
B-9	19.5'	11/26/2007	NA	NA	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	ND	ND
B-10	18'	11/26/2007	<50	84,b	<250	<0.5	<0.5	<0.5	<0.5	<0.5	27	<0.5	1.1	<10	ND	ND
B-11	18'	11/26/2007	NA	NA	NA	<10	<10	<10	<10	<10	530	<10	<10	<200	ND	ND
B-12	18'	11/26/2007	120,f	54,b	<250	<5.0	<5.0	<5.0	<5.0	<5.0	230	<5.0	<5.0	<100	ND	ND
B-13	18'	11/26/2007	NA	NA	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.77	<0.5	20	ND	ND
B-14	19.5'	11/26/2007	NA	NA	NA	<0.5	<0.5	<0.5	<0.5	<0.5	26	<0.5	<0.5	<10	ND	ND
B-15	19'	12/6/2007	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	<5.0	140	<5.0	<5.0	<100	ND	ND
B-16	19'	12/6/2007	NA	NA	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	ND	ND
B-17	19'	12/6/2007	NA	NA	NA	<0.5	<0.5	0.78	<0.5	<0.5	2.2	<0.5	0.60	<10	ND	ND
B-18	19'	12/6/2007	NA	NA	NA	<0.5	<0.5	1.3	<0.5	<0.5	0.86	<0.5	3.5	<10	ND	ND
B-19	19'	12/6/2007	NA	NA	NA	<10	<10	<10	<10	<10	280	<10	<10	<200	ND	ND
B-20	32'	12/5/2007	NA	NA	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	ND	ND
B-21	19'	12/6/2007	NA	NA	NA	<0.5	<0.5	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	<10	ND	ND
B-22	19'	12/6/2007	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	<5.0	170	<5.0	<5.0	<100	ND	ND
B-23	27'	12/6/2007	NA	NA	NA	<0.5	<0.5	1.4	<0.5	1.3	<0.5	0.98	<0.5	13	ND	ND
B-24	19'	12/6/2007	NA	NA	NA	<0.5	<0.5	7.4	1.4	6.2	5.8	<0.5	<0.5	<10	ND	ND
B-25	19'	12/6/2007	NA	NA	NA	<0.5	<0.5	1.2	<0.5	0.52	28	<0.5	<0.5	<10	ND	ND
B-26	19'	12/6/2007	NA	NA	NA	<50	<50	<50	<50	<50	1500	<50	<50	<1000	ND	ND
B-27	19'	12/6/2007	NA	NA	NA	<0.5	<0.5	0.88	<0.5	<0.5	<0.5	<0.5	<0.5	<10	ND	ND
B-28	19'	12/6/2007	NA	NA	NA	<0.5	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<10	ND	ND
B-29	20'	12/18/2007	NA	NA	NA	<0.5	<0.5	<0.5	<0.5	<0.5	1.9	<0.5	<0.5	150	ND	ND
B-30A	15'	12/18/2007	NA	NA	NA	<50	<50	<50	<50	<50	1800	<50	<50	<1000	ND	ND
B-30B	20'	12/18/2007	NA	NA	NA	<25	<25	<25	<25	<25	810	<25	<25	<500	ND	ND
B-30C	25'	12/18/2007	NA	NA	NA	<17	<17	<17	<17	<17	600	<17	<17	<330	ND	ND
B-31	20'	12/18/2007	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	<5.0	190	<5.0	<5.0	<100	ND	ND
B-32	20'	12/18/2007	NA	NA	NA	<0.5	<0.5	<0.5	<0.5	<0.5	11	<0.5	<0.5	110	ND	ND
B-33	20'	12/18/2007	NA	NA	NA	<0.5	<0.5	<0.5	<0.5	<0.5	7.1	<0.5	<0.5	70	ND	ND
B-34	20'	12/18/2007	NA	NA	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	ND	ND
B-35	20'	12/18/2007	NA	NA	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	ND	ND
B-36	20'	12/18/2007	NA	NA	NA	<12	<12	<12	<12	<12	600	<12	<12	<250	ND	ND
CDHS MCL			--	--	--	5 ^(a)	1	150	300	1,750	5	--	70	--	--	--
Drinking Water ESLs			210	210	210	13	1.0	150	300	1,800	5	--	70	6300	--	--

Notes: Data are reported in micrograms per liter (µg/L)
 TPH-g = Total Petroleum Hydrocarbons as gasoline
 TPH-d = Total Petroleum Hydrocarbons as diesel
 BTEX = Benzene, Toluene, Ethylbenzene, Xylenes
 VOCs = Volatile Organic Compounds
 MTBE = Methyl tert-Butyl Ether
 PCE = Tetrachloroethene
 TPH-mo = Total Petroleum Hydrocarbons as Motor Oil
 -- = Not Established
 ND = Not Detected
 NA = Not analyzed
 Method 8260B for VOCs

(a) = This is the secondary MCL for MTBE, which is based on qualitative factors such as taste and odor. The primary MCL for MTBE, the value that has been determined to be protective of human health, is 13 micrograms per liter.

Drinking Water ESLs = Regional Water Quality Control Board's Environmental Screening Levels for drinking water. (Nov 2007)

CDHS MCL = California Department of Health Services' Maximum Contaminant Level for Drinking Water, CCR, Title 22, 2005

Bold = results which are greater than the CDHS MCL

Table 3 - Summary of Confirmation Soil Sample Analytical Results
461 McGraw Avenue, Livermore, California

Soil Sample	Depth (feet)	Date	TPH-d	TPH-mo	TPH-g	MTBE	Benzene	PCE	Toluene	Ethylbenzene	Total Xylenes	Other VOCs	Other Oxygenates
B10-CS1	10.5	12/7/2007	<1.000	<5.000	<1.000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	ND	ND
B10-CS2	10.0	12/7/2007	2, a	<5.000	<1.000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	ND	ND
B10-CS3	10.0	12/7/2007	<1.000	<5.000	<1.000	<0.005	<0.005	0.012	<0.005	<0.005	<0.005	ND	ND
B10-CS4	10.0	12/7/2007	<1.000	<5.000	<1.000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	ND	ND
B10-CS5	8.0	12/7/2007	<1.000	<5.000	<1.000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	ND	ND
B10-CS6	6.0	12/7/2007	<1.000	<5.000	<1.000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	ND	ND
B10-CS7	5.0	12/7/2007	<1.000	<5.000	<1.000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	ND	ND
B10-CS8	5.0	12/7/2007	<1.000	<5.000	<1.000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	ND	ND
B10-CS9	5.0	12/7/2007	2.6, a	<5.000	<1.000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	ND	ND
B12-CS1	4.0	12/7/2007	<1.000	<5.000	<1.000	<0.005	<0.005	0.0077	<0.005	<0.005	<0.005	ND	ND
B12-CS2	3.5	12/7/2007	<1.000	<5.000	<1.000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	ND	ND
B12-CS3	3.5	12/7/2007	<1.000	<5.000	<1.000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	ND	ND
B12-CS4	3.5	12/7/2007	<1.000	<5.000	<1.000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	ND	ND
B12-CS5	3.5	12/7/2007	<1.000	<5.000	<1.000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	ND	ND
RWQCB ESL			83	4,100	83	0.023	0.044	0.34	2.9	3.3	2.3		
USEPA PRG			--	--	--	32	0.64	0.48	520	400	270	--	--

Notes:

Data are reported in milligrams per kilogram (mg/kg).
 TPH-g = Total Petroleum Hydrocarbons as gasoline
 TPH-d = Total Petroleum Hydrocarbons as diesel
 TPH-mo = Total Petroleum Hydrocarbons as oil

ND = Not Detected
 -- = Not Established

VOCs = Volatile Organic Compounds
 MTBE = Methyl tert-Butyl Ether
 BTEX = Benzene, Toluene, Ethylbenzene, Xylenes
 PCE = Tetrachloroethene

Nov 2007- RWQCB ESL = Regional Water Quality Control Board's Shallow Soil Environmental Screening Level for Residential Property where groundwater is currently or potentially a drinking water resource.

USEPA PRG = United States Environmental Protection Agency's Preliminary Remediation Goal for Industrial Soil.(2004)

a = unmodified or weakly modified diesel is significant

Method 8260B for VOCs; Method 8015C for TPH as Gasoline, Diesel, and Motor Oil

Table 4 - Summary of Groundwater Elevation Measurements
461 McGraw Avenue, Livermore, California

Well	Date	Measuring Point Elevation	Total Well Depth	Depth to Water	Groundwater Elevation
MW-1	11/9/2007	524.66	19.41	10.05	514.61
	11/27/2007	524.66	19.40	9.92	514.74
MW-2	11/9/2007	527.15	19.52	11.21	515.94
	11/27/2007	527.15	19.52	11.19	515.96
MW-3	11/9/2007	526.99	19.85	11.27	515.72
	11/27/2007	526.99	19.81	11.22	515.77

Notes:

Depth measurements are reported in feet below the measuring point.

Elevations are reported in feet above mean sea level.

Measuring Point Elevations were surveyed on 11/5/2007 by Mid Coast Engineers

Table 5 - Summary of Groundwater Sample Analytical Results
461 McGraw Avenue, Livermore, California

Boring	Date	TPH(g)	TPH(d)	TPH(mo)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	PCE	Other VOCs	Other Oxygenates
MW-1	11/9/2007	<50	<50	NA	<5.0	<0.5	<0.5	<0.5	<0.5	10	ND	ND
	11/27/2007	<50	<50	<250	<5.0	<0.5	<0.5	<0.5	<0.5	7.3	ND	ND
MW-2	11/9/2007	<50	<50	NA	<50	<50	<50	<50	<50	<50	ND	ND
	11/27/2007	<50	<50	<250	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND
MW-3	11/9/2007	<50	<50	NA	<50	<50	<50	<50	<50	<50	ND	ND
	11/27/2007	<50	<50	<250	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND
CDHS MCL		--	--	--	5 ^(a)	1	150	300	1,750	5	--	--
Drinking Water ESLs		210	210	210	13	1.0	150	300	1,800	500	--	--

Notes:

Data is reported in micrograms per liter (µg/L)
 TPH-g = Total Petroleum Hydrocarbons as gasoline
 TPH-d = Total Petroleum Hydrocarbons as diesel
 TPH-mo = Total Petroleum Hydrocarbons as motor oil

VOCs = Volatile Organic Compounds
 MTBE = Methyl tert-Butyl Ether
 BTEX = Benzene, Toluene, Ethylbenzene, Xylenes
 PCE = Tetrachlorethene

(a) = This is the secondary MCL for MTBE, which is based on qualitative factors such as taste and odor. The primary MCL for MTBE, the value that has been determined to be protective of human health, is 13 micrograms per liter.

Drinking Water ESLs = Regional Water Quality Control Board's Environmental Screening Levels for drinking water.

CDHS MCL = California Department of Health Services' Maximum Contaminant Level for drinking water

ND = Not Detected -- = Not Established NA = Not Analyzed

Bold = results which are greater than the CDHS MCL for drinking water

Method 8015C for TPH-d and TPH-mo; Method 8260B for VOCs, TPH-g, and Fuel Oxygenates

Table 6 - Summary of Groundwater Sample Analytical Results for Total Metals
461 McGraw Avenue, Livermore, California

Boring	Date	Sb	As	Ba	Be	Cd	Cr	Co	Cu	Pb	Hg	Mo	Ni	Se	Ag	Tl	V	Zn
MW-1	11/9/2007	<0.5	2.3	240	<0.5	<0.25	8.6	<0.5	<0.5	<0.5	0.04	1.9	<0.5	1.4	<0.19	<0.5	14	<5.0
	11/27/2007	<0.5	12	570	0.66	<0.25	98	20	40	13	0.12	1.2	85	1.6	<0.19	<0.5	86	93
MW-2	11/9/2007	<0.5	2.7	140	<0.5	<0.25	1.9	0.6	0.83	<0.5	0.059	2.2	1.1	<0.5	<0.19	<0.5	12	<5.0
	11/27/2007	<0.5	16	560	0.77	<0.25	92	16	56	22	0.29	0.89	120	0.83	<0.19	<0.5	98	120
MW-3	11/9/2007	<0.5	3.5	120	<0.5	<0.25	2.6	0.67	1.6	<0.5	0.038	2.3	1.3	0.71	<0.19	<0.5	9	<5.0
	11/27/2007	<0.5	5.9	180	<0.5	<0.25	19	4.0	11	4.0	0.080	1.0	20	<0.5	<0.19	<0.5	29	26
CDHS MCL		6	50	1,000	4	5	50	--	1,000 ^(a)	15 ^(b)	2	--	100	50	100 ^(c)	2	--	5,000 ^(c)
Drinking Water ESLs		6	50	1000	4	5	50	140	1,000 ^(d)	15	2	35	100	50	100	2	15	5000

Notes:

Data is reported in micrograms per liter (µg/L)

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

CDHS MCL = California Department of Health Services' Maximum Contaminant Level for drinking water (2006 list)

Drinking Water ESLs = Regional Water Quality Control Board's Environmental Screening Levels for drinking water. (Nov 2007)

(a) = Secondary MCL, a standard based on qualitative factors such as taste and odor. The Regulatory Action Level (a concentration that, if a system exceeds, requires certain actions) is 1,300 µg/L. The Regulatory Action Level Replaces the MCL.

(b) = Regulatory Action Level, a concentration that, if a system exceeds, requires certain actions

(c) = Secondary MCL, a standard based on qualitative factors such as taste and odor.

(d) = Ceiling level for copper. The drinking water (human health-protective) ESL is 1,300 µg/L.

-- = Not Established

Bold = results which are greater than the Nov 2007 RWQCB Drinking Water ESLs

CAM 17 Total Metals by EPA 200.8 Method

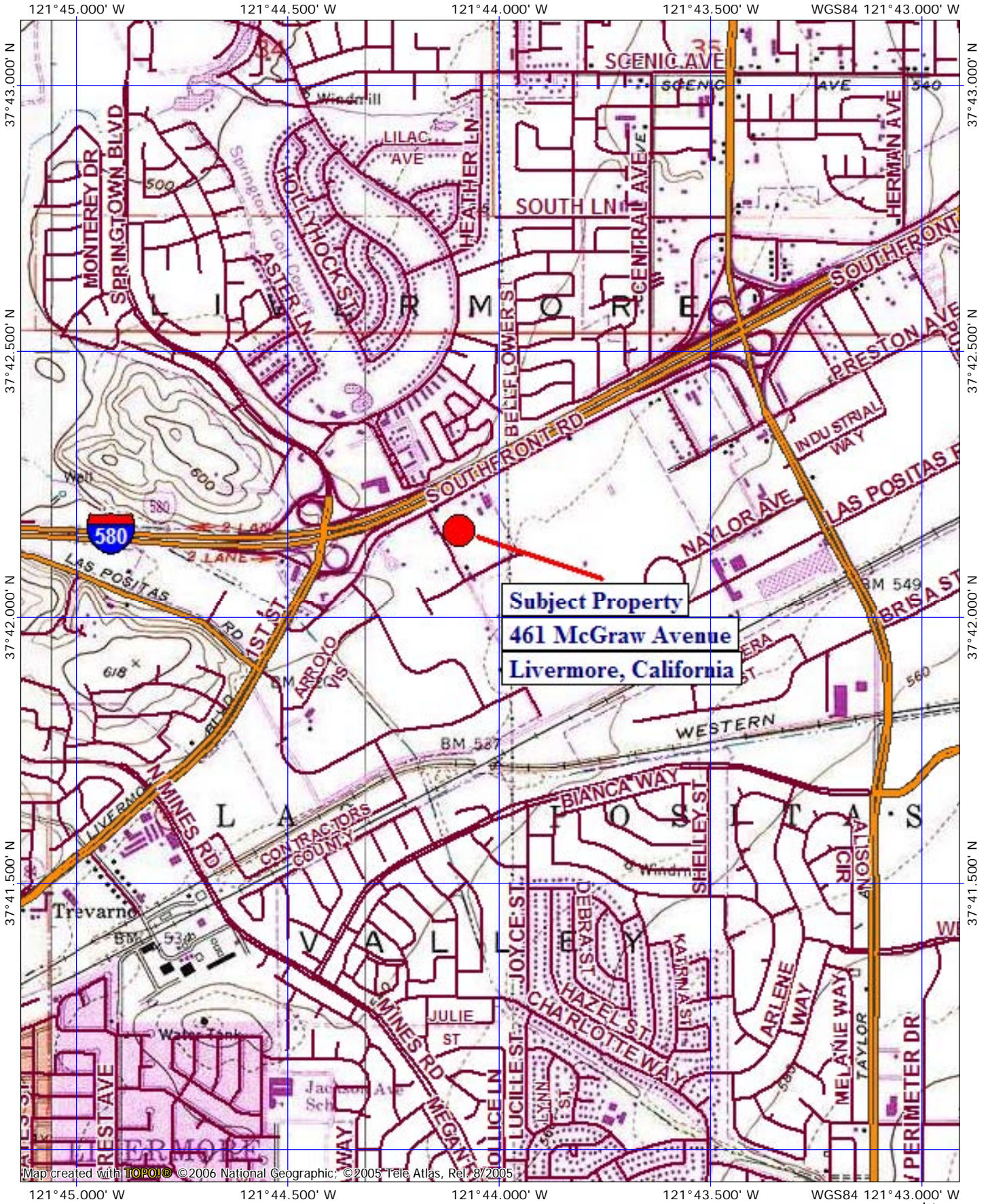
Table 7- Summary of Soil Gas Sample Analytical Results
461 McGraw Ave, Livermore, California

Sample	Depth	Date	2-Butanone (MEK)	2-Hexanone	Acetone	Benzene	Chloroform	Ethylbenzene	4-Ethyl Toluene	Isopropanol	Hexane	Methylene Chloride	PCE	Toluene	TCE	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Total Xylenes	Carbon Disulfide	Styrene
SG-5	4'	12/14/2007	72	<2.0	12000	25	<2.4	120	<2.5	<16	<3.5	<3.6	130	12000	<2.7	3.6	<2.5	<2.5	590	<1.6	24
SG-6	4'	12/14/2007	40	<2.0	8900	15	<2.4	150	<2.5	<16	<3.5	<3.6	100	18000	<2.7	34	<2.5	<2.5	610	<1.6	19
SG-7B	4'	12/15/2007	<1.5	<2.0	140	5.8	<2.4	<1.7	<2.5	<16	<3.5	<3.6	73	14	<2.7	250	<2.5	<2.5	12.5	2.7	<2.1
SG-8	4'	12/14/2007	11	2.9	52	19	<2.4	4.2	<2.5	17	<3.5	<3.6	45	18	<2.7	17	<2.5	<2.5	15.5	<1.6	<2.1
SG-9	4'	12/15/2007	6.1	<2.0	150	1.9	<2.4	<1.7	<2.5	4300	<3.5	<3.6	3100	6.9	<2.7	58	<2.5	<2.5	18.8	5.2	<2.1
SG-9	8'	12/14/2007	13	3.7	58	14	<2.4	<1.7	<2.5	<16	<3.5	<3.6	40000	12	17	220	<2.5	<2.5	10.5	2.3	<2.1
SG-10	4'	12/14/2007	7.5	<2.0	23	3.5	<2.4	<1.7	<2.5	<16	<3.5	<3.6	4600	2.5	21	330	4.0	<2.5	11.7	<1.6	<2.1
SG-11	4'	12/14/2007	<1.5	<2.0	71	3.3	<2.4	<1.7	<2.5	420	30	<3.6	<3.4	16	<2.7	<2.5	<2.5	<2.5	9.2	<1.6	<2.1
SG-12	4'	12/14/2007	<1.5	<2.0	11	1.7	<2.4	<1.7	<2.5	<16	<3.5	34	<3.4	3.5	<2.7	<2.5	<2.5	<2.5	5.2	<1.6	<2.1
SG-13	4'	12/14/2007	7.8	<2.0	28	9.3	<2.4	<1.7	<2.5	<16	<3.5	<3.6	4300	7.0	<2.7	1100	2.6	<2.5	5.7	<1.6	<2.1
SG-14	4'	12/15/2007	160	<2.0	190	<1.6	30	<1.7	<2.5	<16	37	140	1300	15	<2.7	23	<2.5	<2.5	20	9.5	<2.1
SG-14	8'	12/15/2007	220	<2.0	920	49	220	<1.7	<2.5	<16	350	<3.6	4400	74	<2.7	<2.5	<2.5	<2.5	56	73	26
SG-15	4'	12/14/2007	10	<2.0	56	4.1	<2.4	<1.7	<2.5	<16	<3.5	<3.6	59	8.0	<2.7	290	<2.5	<2.5	7.2	4.2	<2.1
SG-16	4'	12/15/2007	<1.5	<2.0	83	3.3	<2.4	<1.7	<2.5	<16	<3.5	<3.6	110	9.7	<2.7	14	<2.5	<2.5	10.7	5.8	<2.1
SG-17	4'	12/15/2007	<1.5	<2.0	36	<1.6	<2.4	<1.7	<2.5	<16	<3.5	<3.6	120	5.5	<2.7	3.4	<2.5	<2.5	<2.2	<1.6	<2.1
SG-18	4'	12/14/2007	<1.5	<2.0	55	3.1	<2.4	<1.7	<2.5	<16	<3.5	<3.6	16	8.4	<2.7	76	<2.5	<2.5	7.1	<1.6	<2.1
SG-19	4'	12/15/2007	4.0	<2.0	87	2.6	<2.4	<1.7	<2.5	<16	<3.5	<3.6	59	8.9	<2.7	10	<2.5	<2.5	8.3	4.8	<2.1
SG-20	4'	12/14/2007	<1.5	<2.0	32	2.3	<2.4	<1.7	<2.5	<16	<3.5	<3.6	190	3.3	<2.7	84	<2.5	<2.5	4.7	<1.6	<2.1
SG-21	4'	12/14/2007	7.5	<2.0	180	<1.6	<2.4	<1.7	<2.5	35	<3.5	<3.6	4100	150	<2.7	260	<2.5	<2.5	7.3	<1.6	<2.1
SG-22	4'	12/15/2007	<1.5	<2.0	86	2.8	<2.4	<1.7	6.3	<16	<3.5	<3.6	24000	9.4	12	500	8.7	2.7	15.8	15	<2.1
SG-23	4'	12/15/2007	6.8	<2.0	72	3.3	<2.4	<1.7	<2.5	<16	<3.5	<3.6	330	12	<2.7	350	<2.5	<2.5	11.3	8.0	<2.1
SG-24	4'	12/15/2007	<1.5	<2.0	55	7.8	<2.4	<1.7	5.2	<16	56	<3.6	250	28	<2.7	270	6.5	<2.5	15.6	28	<2.1
CHHSL Shallow Soil Gas Screening Levels:			--	--	--	36.2	--	--	--	--	--	--	180	135,000	--	--	--	--	315,000	--	--
RWQCB Shallow Soil Gas Screening Levels:			--	--	660,000	84	460	210,000	--	--	--	5,200	410	63,000	1200	--	--	--	21,000	--	190,000

Notes: -- Not Established **Bold** = results which are greater than the Nov 2007 RWQCB Soil Gas Screening Levels (Residential Land Use)
 Data and Shallow Soil Gas Screening Levels are reported in micrograms per liter (ug/m3)
 CHHSL Soil Gas Screening Levels are based on soil gas data collected less than 1.5 meters (5 feet) below a building foundation or the ground surface. Intended for evaluation of potential indoor-air impacts for Residential Land Use. (2005)
 RWQCB ESL Soil Gas Screening Levels are based on soil gas data collected less than 3.0 meters (10 feet) below a building foundation or ground surface. Intended for evaluation of potential indoor-air impacts for Residential Land Use. (Nov 2007)
 TCE = Trichloroethene PCE = Tetrachloroethene EPA Method TO-15 for Toxic Organics in Air

FIGURES

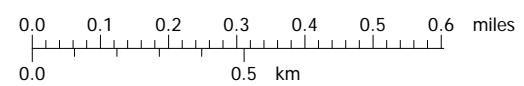
Figure 1 : Site Location Map

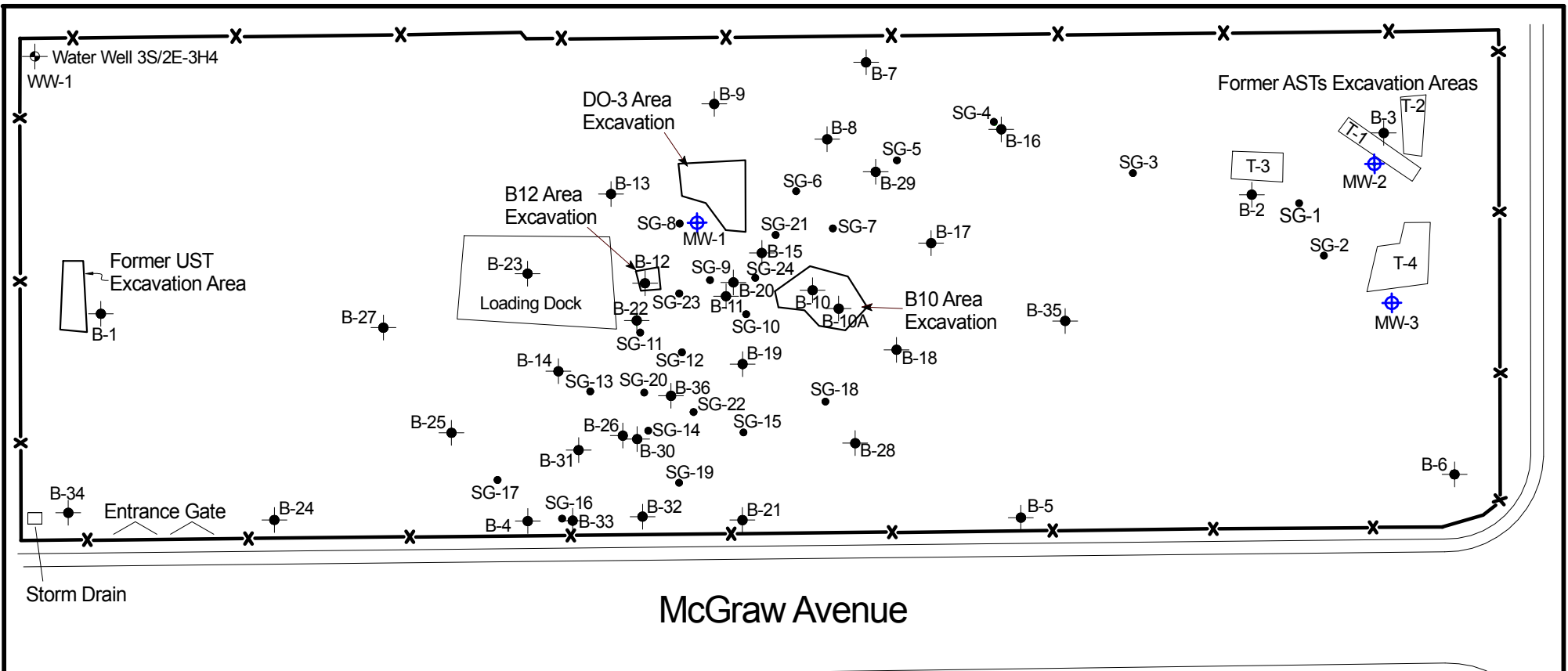


Subject Property
461 McGraw Avenue
Livermore, California

Map created with TOPO!® ©2006 National Geographic. ©2005 Tele Atlas, Ref. 8/2005

121°45.000' W 121°44.500' W 121°44.000' W 121°43.500' W WGS84 121°43.000' W

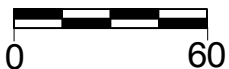




McGraw Avenue



Scale:
1" = 60'



LEGEND

- | | |
|---|------------------------------------|
| • Soil Boring Location
B-26 | ◆ Monitoring Well Location
MW-3 |
| T-3 Former Above Ground Storage Tank (AST) Location | • Water Well Location
WW-1 |
| x-x Fence / Property Line | • Soil Gas Sample Location
SG-3 |

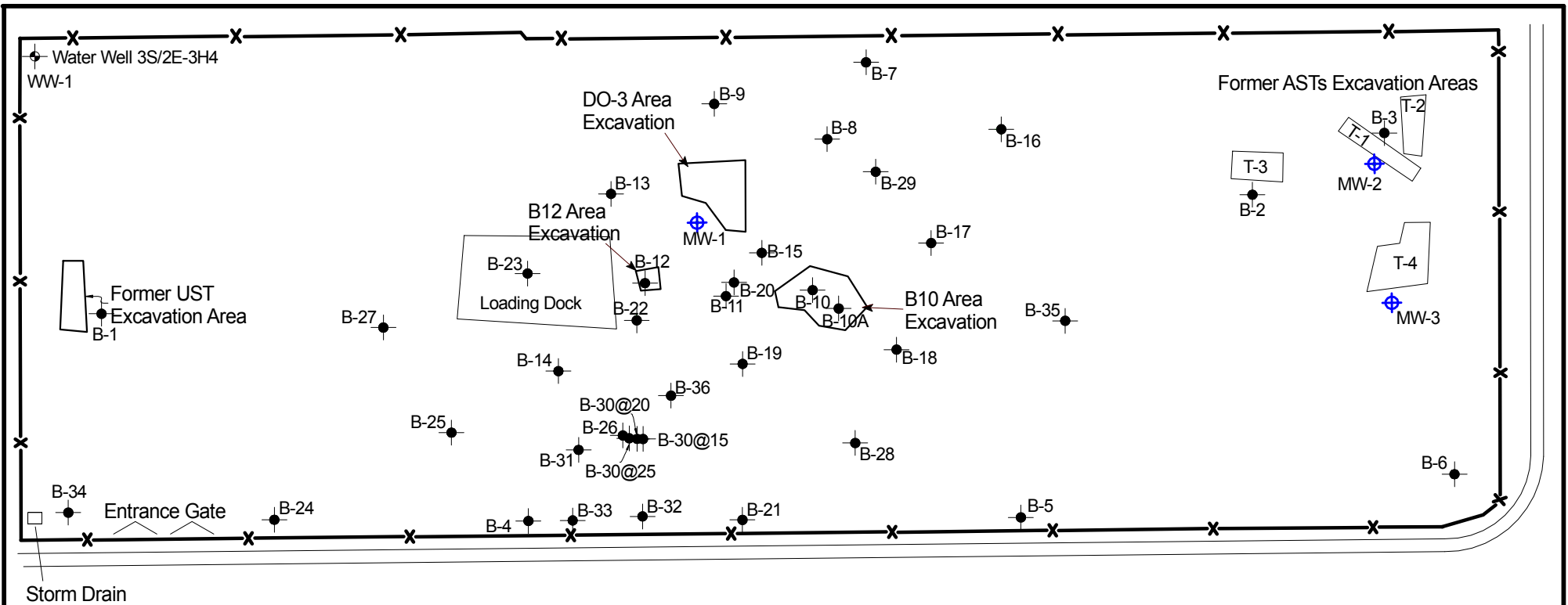
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Phone: (408) 871-1470 Fax: (408) 871-1520

Project Number 717-3

January 23, 2008

Figure 2

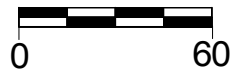
Site Plan
461 McGraw Avenue
Livermore, California



McGraw Avenue



Scale:
1" = 60'



LEGEND	
T-3	Former Above Ground Storage Tank (AST) Location
•	Soil Boring Location
•	Water Well Location
•	WW-1
◆	Monitoring Well Location
◆	MW-3
x	Fence / Property Line

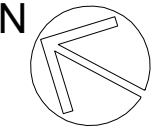
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Figure 3

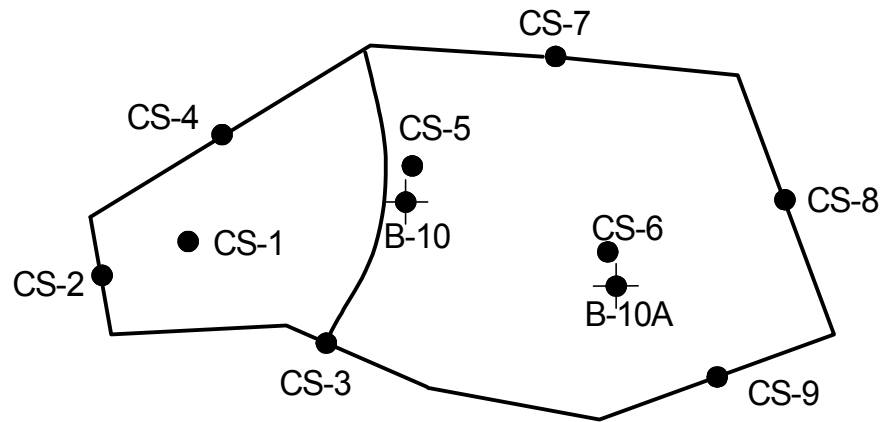
Soil Borings Map
461 McGraw Avenue
Livermore, California







D0-3
Excavation



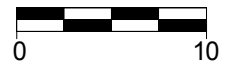
B10 Area
Excavation



LEGEND

-  Soil Boring Location
-  Monitoring Well Location
-  Confirmation Sample Location
-  Excavations
(on separate maps)

Approximate Scale:
1" = 10'

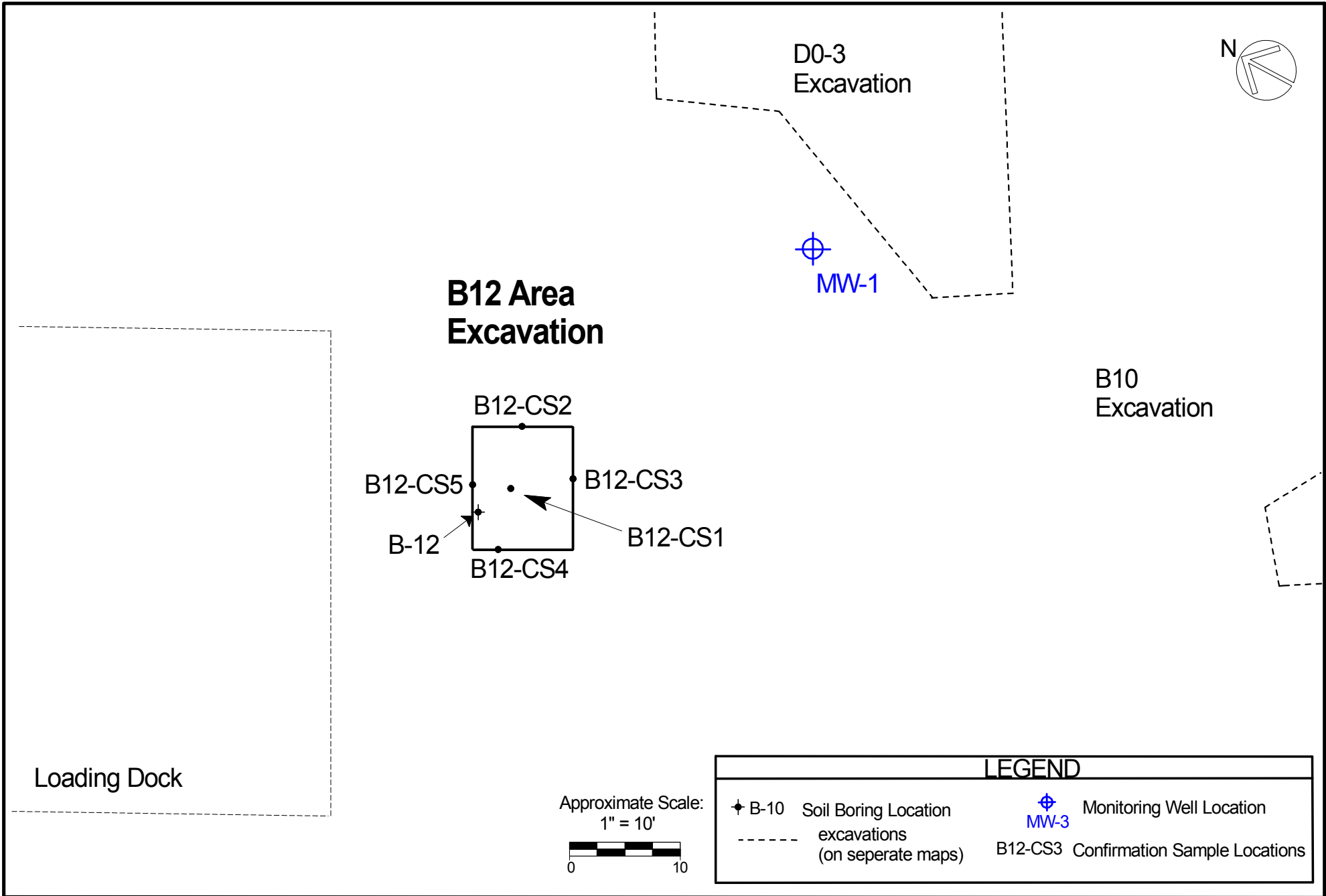


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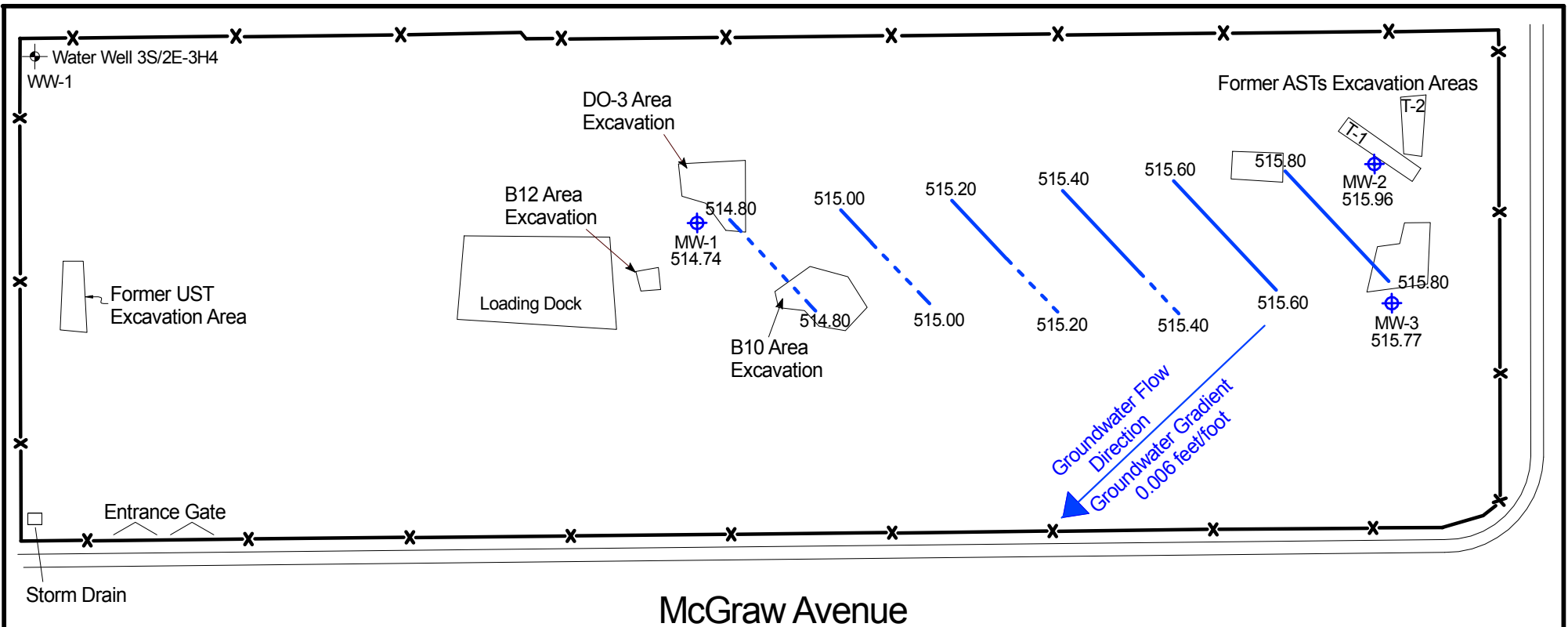
Figure 4
Excavation Boundaries and Confirmation
Sample Locations for Excavation B10
461 McGraw Avenue
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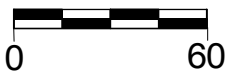
Figure 5
 Excavation Boundaries and Confirmation Sample Locations for Excavation B12
 461 McGraw Avenue
 Livermore, California



McGraw Avenue



Scale:
1" = 60'



LEGEND

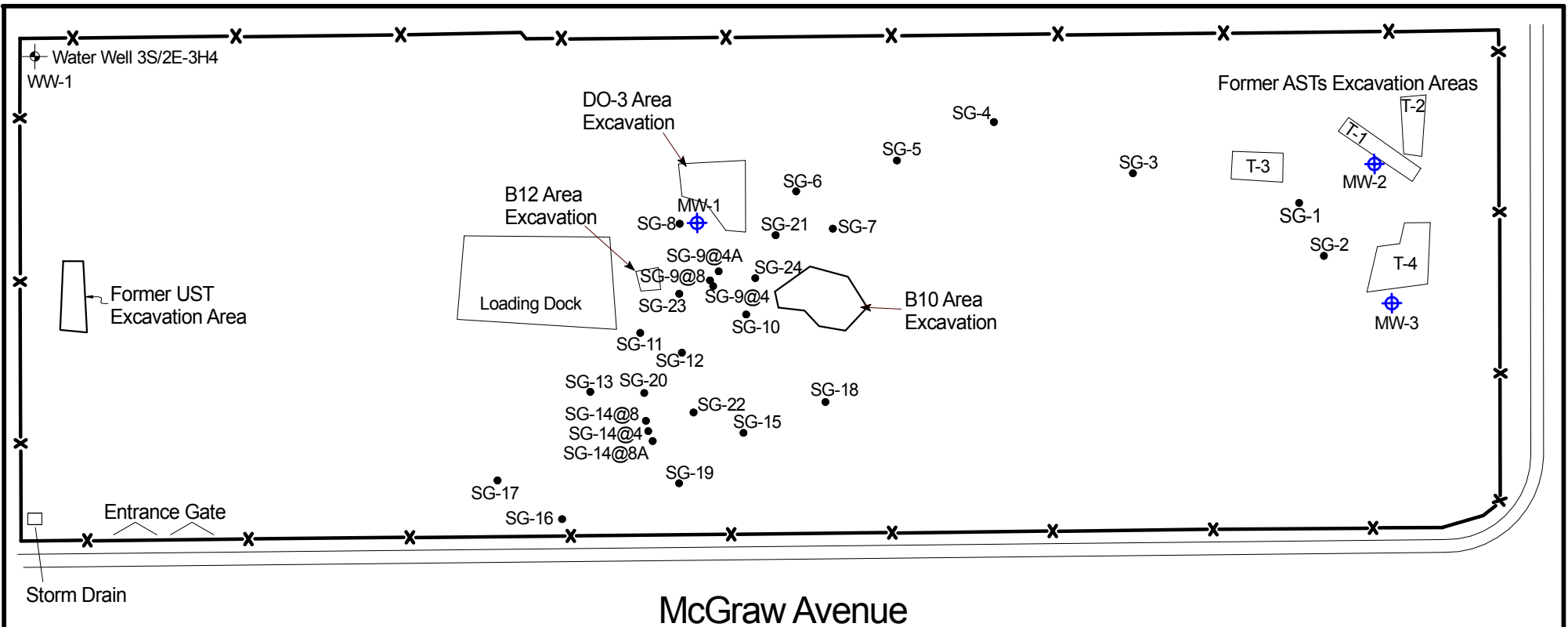
- T-3 Former Above Ground Storage Tank (AST) Location
- WW-1 Water Well Location
- x—x Fence / Property Line
- MW-3 Monitoring Well Location
- Groundwater Contours dashed where inferred
- 515.20 Groundwater Elevation measured November 27, 2007

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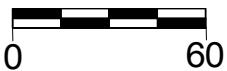
Project Number 717-3

January 23, 2008

Figure 6 Groundwater Elevation Contour Map
461 McGraw Avenue
Livermore, California



Scale:
1" = 60'



LEGEND

- | | | | |
|------|---|--|--------------------------|
| T-3 | Former Above Ground Storage Tank (AST) Location | | Monitoring Well Location |
| SG-3 | Soil Gas Sample Location | | |
| WW-1 | Water Well Location | | |
| | | | Fence / Property Line |

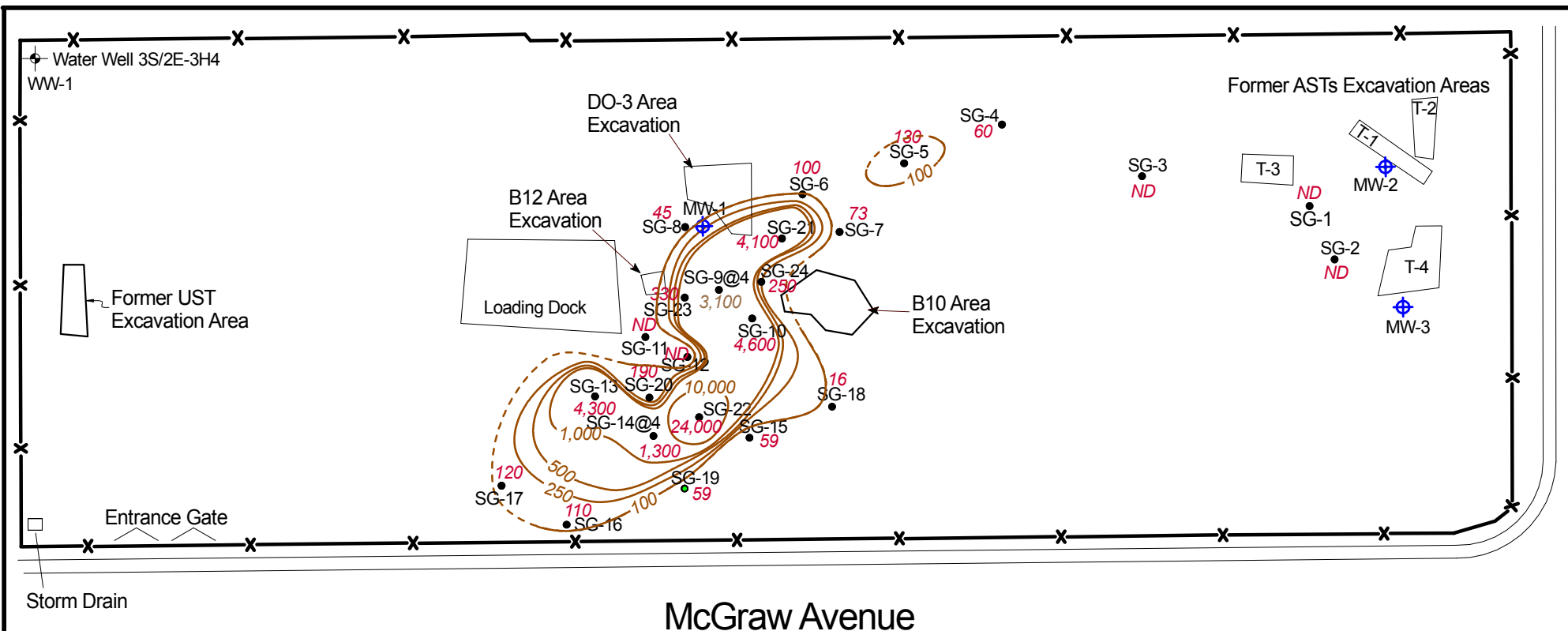
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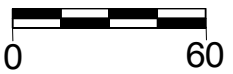
January 23, 2008

Figure 7

Soil Gas Survey Location Map
461 McGraw Avenue
Livermore, California



Scale:
1" = 60'



LEGEND	
● SG-3	Soil Gas Sample Location
×	Fence / Property Line
⊕ MW-3	Monitoring Well Location
	BGS = Below Ground Surface
— (dashed)	PCE Concentration Contour (μg/m ³) dashed where inferred
170	PCE Concentration (μg/m ³)
ND	PCE Not Detected

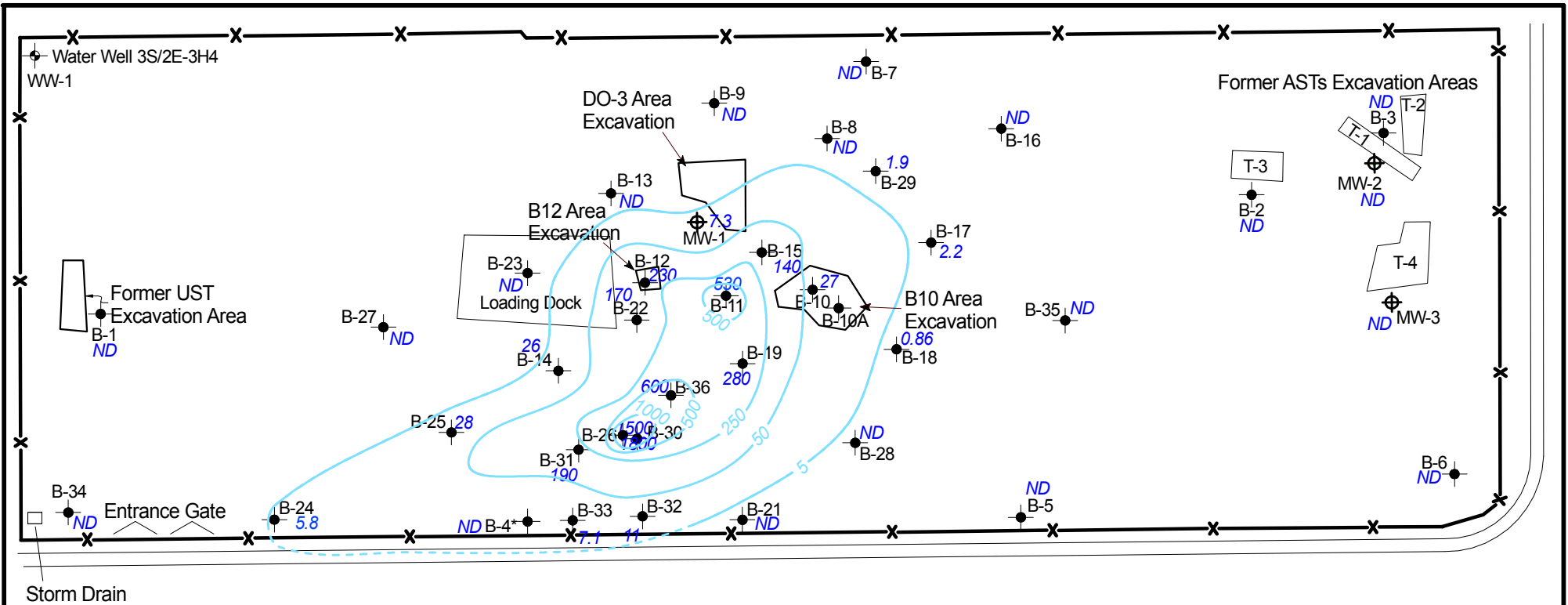
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Project Number 717-3

January 23, 2008

Figure 8

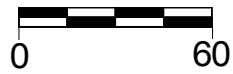
PCE Concentrations in Soil Gas @4' BGS
461 McGraw Avenue
Livermore, California



McGraw Avenue



Scale:
1" = 60'



*B-4 not included in contouring

LEGEND	
	Soil Boring Location
	Monitoring Well Location
	Fence / Property Line
	PCE Concentration Contour (µg/L)
	dashed where inferred
	PCE Concentration (µg/L)
	PCE Not Detected

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Project Number 717-3

January 23, 2008

Figure 9 PCE Concentrations in Groundwater
461 McGraw Avenue
Livermore, California

ATTACHMENTS

Attachment A
Soil and Soil Gas Boring Logs



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **16 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **11.5 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **11/21/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									GRAVEL BASE ROCK
1.0							CL		LEAN CLAY (CL): dark brown, medium plasticity, dry, no odor.
2.0					3.4/4.0				
3.0									
4.0				0					@ 4 feet: yellowish brown, abundant caliche.
5.0									
6.0					4.0/4.0				
7.0									
8.0				0					@8 feet: moist
9.0									
10.0					4.0/4.0				

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Notes: No soil sample retained for analysis.



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **16 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **11.5 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **11/21/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0							CL		LEAN CLAY (CL) Continues. @11.5: wet @12: Moist End of boring 16' bgs.
11.0						▽			
12.0				0					
13.0									
14.0					2.5/4.0				
15.0									
16.0									

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Notes: No soil sample retained for analysis.



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **20 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **11 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/17/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									LEAN CLAY (CL): dark brown, hard, dry, no odor.
1.0							CL		
2.0			9:25		3.5/4.0				
3.0									
4.0									@4 feet: yellowish brown, hard.
5.0									
6.0					3.5/4.0				
7.0									@7 feet: hard, caliche rich, moist.
8.0									
9.0									
10.0					4.0/4.0				

Environmental Investigation Services, Inc.
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 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **20 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **11 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/17/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0									LEAN CLAY (CL) : continues.
11.0						▽	CL		@ 11 feet: wet, soft.
12.0									
13.0									@ 13 feet: moist, hard.
14.0					4.0/4.0				
15.0									
16.0									
17.0									@ 17-18 feet: wet, soft.
18.0					4.0/4.0				
19.0									
20.0									End of boring 20' bgs.

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 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **20 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **11 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/17/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									LEAN CLAY (CL): dark brown, hard, dry, no odor.
1.0							CL		
2.0			14:30	0.0	3.4/4.0				
3.0									
4.0				0.0					@4 feet: yellowish brown, soft.
5.0									
6.0					3.8/4.0				
7.0									
8.0				0.0					@8 feet: hard, caliche rich.
9.0									
10.0					4.0/4.0				

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **20 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **11 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/17/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0									
11.0						▽	CL		LEAN CLAY (CL) : continues. @ 11 feet: wet, medium plasticity.
12.0				0.0					
13.0									
14.0					3.6/4.0				
15.0									
16.0							ML		SILT(ML): dark brown, very fine sand, wet.
17.0									
18.0					4.0/4.0				
19.0									
20.0									End of boring 20' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **20 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **11 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/17/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									LEAN CLAY (CL): dark brown, soft, dry, no odor.
1.0							CL		
2.0			14:00	0.0	3.7/4.0				
3.0									
4.0				0.0					@4 feet: yellowish brown, moist, medium plasticity.
5.0									
6.0					3.9/4.0				@6 feet: hard.
7.0									
8.0				0.0					
9.0									
10.0					3.5/4.0				

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Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **20 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **11 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/17/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0									
11.0						▽	CL		LEAN CLAY (CL) : continues. @ 11 feet: wet, medium plasticity.
12.0				0.0					
13.0									
14.0					3.5/4.0				@ 14 feet: caliche rich, hard, dry.
15.0									
16.0									
17.0									
18.0							ML		SILT(ML): dark brown, low plasticity, very fine sand, moist, soft.
19.0							CL		LEAN CLAY(CL): hard, moist.
20.0									End of boring 20' bgs.

Environmental Investigation Services, Inc.
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Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **20 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **11 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/17/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									LEAN CLAY (CL): dark brown, soft, dry, no odor.
1.0							CL		
2.0			13:30	0.0	3.0/4.0				
3.0									
4.0				0.0					@4 feet: yellowish brown, moist, medium plasticity.
5.0									
6.0					4.0/4.0				@6 feet: hard.
7.0									
8.0				0.0					
9.0									
10.0					4.0/4.0				

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Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **20 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **11 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/17/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0									LEAN CLAY (CL) : continues.
11.0						▽	CL		@ 11 feet: wet, medium plasticity.
12.0				0.0					
13.0									
14.0					3.0/4.0				
15.0									
16.0									@ 16 feet: wet
17.0									
18.0									@ 18 feet: dry, hard.
19.0									
20.0									End of boring 20' bgs.

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 Los Gatos, California 95032

Notes: No soil sample retained for analysis

PROJECT NUMBER: **717-3**BORING DIAMETER: **2 INCH**PROJECT NAME: **CALL MAC TRANSPORTATION**TOTAL DEPTH: **20 FEET**LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550**STATIC WATER LEVEL (BGS): **NM**DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING**FIRST GROUNDWATER ENCOUNTER: **11 FEET**DRILLING METHOD: **GEOPROBE DIRECT PUSH**SAMPLING EQUIPMENT: **MACRO CORE**LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.**DATE: **12/17/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
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Environmental Investigation Services, Inc.170 Knowles Drive, Suite 212
Los Gatos, California 95032**Notes:** No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **20 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **12 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/17/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									LEAN CLAY (CL): dark brown, soft, damp, no odor. @4 feet: yellowish brown, caliche rich, dry.
1.0						CL			
2.0			13:05	0.0	3.6/4.0				
3.0									
4.0				0.0					
5.0									
6.0					4.0/4.0				
7.0									
8.0				0.0					
9.0									
10.0					4.0/4.0				

Environmental Investigation Services, Inc.
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 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **20 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **12 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/17/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0							CL		LEAN CLAY (CL) : continues.
11.0									
12.0				0.0		▽			@ 12 feet: wet, medium plasticity.
13.0									
14.0					4.0/4.0				
15.0									
16.0									
17.0									
18.0					3.7/4.0				
19.0									
20.0									End of boring 20' bgs.

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Notes: No soil sample retained for analysis



PROJECT NUMBER: 717-3	BORING DIAMETER: 2 INCH
PROJECT NAME: CALL MAC TRANSPORTATION	TOTAL DEPTH: 25 FEET
LOCATION: 461 McGRAW AVENUE LIVERMORE CA, 94550	STATIC WATER LEVEL (BGS): NM
DRILLING COMPANY: ENPROB ENVIRONMENTAL PROBING	FIRST GROUNDWATER ENCOUNTER: 12 FEET
DRILLING METHOD: GEOPROBE DIRECT PUSH	SAMPLING EQUIPMENT: MACRO CORE
LOGGED BY: PANINDHAR R. KRISHNAMRAJU, Ph.D.	DATE: 12/17/2007

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0							CL		LEAN CLAY (CL): dark brown, hard, damp, no odor.
1.0									
2.0			11:45		3.8/4.0				
3.0				1.1					
4.0									@4 feet: yellowish brown, medium plasticity.
5.0									
6.0					3.8/4.0				
7.0									
8.0									@8 feet: soft, medium plasticity, caliche rich.
9.0				0.4					
10.0					4.0/4.0				

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Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **25 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **12 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/17/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0							CL		LEAN CLAY (CL) : continues.
11.0									
12.0				0.0		▽			@ 12 feet: wet, soft.
13.0									
14.0					4.0/4.0				
15.0									
16.0				0.0					@ 16 feet: moist, hard, caliche rich.
17.0									
18.0					3.0/4.0				
19.0									
20.0									

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Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **25 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **12 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/17/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
20.0							CL		LEAN CLAY (CL) : continues.
21.0									
22.0					4.0/4.0				
23.0									
24.0									@24 feet: wet, soft.
25.0									End of boring 25' bgs.

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 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **20 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **12 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/17/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0							CL		LEAN CLAY (CL): dark brown, hard, damp, no odor.
1.0									
2.0			11:10		3.8/4.0				
3.0									
4.0									@4 - 6 feet: brown, soft
5.0									
6.0					4.0/4.0				
7.0									
8.0									@8 feet: hard, medium plasticity, caliche rich.
9.0									
10.0					4.0/4.0				

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 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **20 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **12 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/17/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0							CL		LEAN CLAY (CL) : continues.
11.0									
12.0						▽			@ 12 feet: wet, soft.
13.0									@ 13 feet: dry, hard, caliche rich.
14.0									
15.0									
16.0									
17.0									
18.0									
19.0									
20.0									End of boring 20' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **20 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **12 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/17/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
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Environmental Investigation Services, Inc.
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 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **15 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **11 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/17/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									LEAN CLAY (CL): dark brown, hard, damp, slight odor.
1.0							CL		
2.0			10:45	14.5	3.8/4.0				
3.0									
4.0		B-30A @3.5		15.5					@5 feet: yellowish brown, caliche rich, soft
5.0									
6.0					4.0/4.0				
7.0									@7 feet: hard, brown, medium plasticity,
8.0		B-30A @7.5		13.2					
9.0									
10.0				30.2	4.0/4.0				

Environmental Investigation Services, Inc.
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Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **15 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **11 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/17/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0									LEAN CLAY (CL) : continues. @ 11 feet: wet. End of boring 15' bgs.
11.0							CL		
12.0				1.1					
13.0									
14.0									
15.0									

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 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **20 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **11 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/17/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0							CL		LEAN CLAY (CL): dark brown, caliche rich, hard, damp, no odor.
1.0									
2.0			8:50		3.8/4.0				
3.0									
4.0									@4 feet: yellowish brown, medium hard, no damp.
5.0									
6.0			8:55		4.0/4.0				
7.0									
8.0									
9.0			9:00						
10.0					4.0/4.0				

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
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Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **20 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **11 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/17/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0									LEAN CLAY (CL) : continues. @ 11 feet: wet. End of boring 20' bgs.
11.0						▽	CL		
12.0			9:05						
13.0									
14.0									
15.0									
16.0			9:10						
17.0									
18.0									
19.0			9:18						
20.0									

Environmental Investigation Services, Inc.
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 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **20 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **11 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/17/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
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 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **19 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0							CL		LEAN CLAY (CL): dark brown
1.0									
2.0				0	3.0/4.0				
3.0									
4.0							SC		CLAYEY SAND (SC): yellowish brown, 40% fines, fine sand.
5.0							CL		LEAN CLAY (CL): dark yellowish brown, caliche rich, hard, damp.
6.0				0	4.0/4.0				
7.0									
8.0									@8 feet: moist, caliche absent.
9.0									@9 feet: caliche presnet.
10.0				0	4.0/4.0				

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Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **19 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0							CL		LEAN CLAY (CL) : continues.
11.0									
12.0									Pushed probe with disposable steel tip to 19 feet below ground surface to install temporary PVC casing.
13.0									
14.0									
15.0									
16.0									
17.0									
18.0									
19.0									End of boring 19' bgs.

Environmental Investigation Services, Inc.
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 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **19 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0							CL		LEAN CLAY (CL): dark yellowish brown, hard, damp.
1.0									
2.0			11:32	0	1.6/4.0				
3.0									
4.0									@4 feet: as above, trace fine gravel.
5.0									@5 feet: gravel absent, hard, moist.
6.0			11:35	0	4.0/4.0				
7.0									
8.0									
9.0									
10.0			11:37	0	4.0/4.0				

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Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **19 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0							CL		LEAN CLAY (CL) : continues.
11.0									
12.0									Pushed probe with disposable steel tip to 19 feet below ground surface to install temporary PVC casing.
13.0									
14.0									
15.0									
16.0									
17.0									
18.0									
19.0									End of boring 19' bgs.

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Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **19 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **10 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									LEAN CLAY (CL): dark brown, hard, damp, trace sand and gravel.
1.0							CL		
2.0			11:10	0	2.6/4.0				
3.0									
4.0									@4 feet: yellowish brown, caliche rich, damp.
5.0									
6.0			11:15	0	4.0/4.0				
7.0									
8.0									@8 feet: less caliche, medium plasticity
9.0									
10.0			11:20	0	4.0/4.0				@10 feet: wet,

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Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **19 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **10 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**


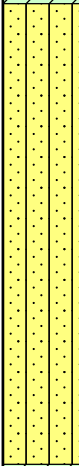
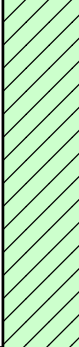
DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0							CL		LEAN CLAY (CL) : continues.
11.0									
12.0									Pushed probe with disposable steel tip to 19 feet below ground surface to install temporary PVC casing.
13.0									
14.0									
15.0									
16.0									
17.0									
18.0									
19.0									End of boring 19' bgs.

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Notes: No soil sample retained for analysis



PROJECT NUMBER: 717-3	BORING DIAMETER: 2 INCH
PROJECT NAME: CALL MAC TRANSPORTATION	TOTAL DEPTH: 19 FEET
LOCATION: 461 McGRAW AVENUE LIVERMORE CA, 94550	STATIC WATER LEVEL (BGS): NM
DRILLING COMPANY: ENPROB ENVIRONMENTAL PROBING	FIRST GROUNDWATER ENCOUNTER: NM
DRILLING METHOD: GEOPROBE DIRECT PUSH	SAMPLING EQUIPMENT: DUEL TUBE
LOGGED BY: PANINDHAR R. KRISHNAMRAJU, Ph.D.	DATE: 12/5/2007

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0							CL		LEAN CLAY (CL): dark brown, silty.
1.0									
2.0			11:10	0	1.8/4.0				
3.0							SM		SILTY SAND (SM): @4 feet: yellowish brown.
4.0									
5.0									
6.0			11:15	0	4.0/4.0				
7.0							CL		LEAN CLAY (CL): yellowish brown. @8 feet: moist.
8.0									
9.0									
10.0			11:20	0	4.0/4.0				

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Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **19 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0							CL		LEAN CLAY (CL) : continues.
11.0									
12.0									Pushed probe with disposable steel tip to 19 feet below ground surface to install temporary PVC casing.
13.0									
14.0									
15.0									
16.0									
17.0									
18.0									
19.0									End of boring 19' bgs.

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Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **19 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0							CL		LEAN CLAY (CL): yellowish brown, hard, trace gravel, dry.
1.0									
2.0			10:52	0	2.8/4.0				
3.0									
4.0									@4 feet: dark yellowish brown, damp.
5.0									
6.0			10:56	0	4.0/4.0				
7.0									
8.0									@8 feet: as above, moist.
9.0									
10.0			11:00	0	4.0/4.0				

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Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **19 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0							CL		LEAN CLAY (CL) : continues.
11.0									
12.0									Pushed probe with disposable steel tip to 19 feet below ground surface to install temporary PVC casing.
13.0									
14.0									
15.0									
16.0									
17.0									
18.0									
19.0									End of boring 19' bgs.

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Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **27 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0							ML		SANDY SILT FILL (ML):
1.0							CL		LEAN CLAY FILL (CL): dark brown, damp
2.0				0	1.5/4.0				
3.0									
4.0									LEAN CLAY (CL): dark brown, damp, hard, no odor.
5.0									
6.0				0	2.0/4.0				
7.0									
8.0									@ 8 feet: grayish brown to dark yellowish brown, abundant caliche, moist
9.0									
10.0				0	4.0/4.0				

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Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **27 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0							CL		LEAN CLAY (CL) : continues.
11.0									
12.0									Pushed probe with disposable steel tip to 27 feet below ground surface to install temporary PVC casing.
13.0									
14.0									
15.0									
16.0									
17.0									
18.0									
19.0									
20.0									

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 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **27 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
20.0									
21.0									
22.0									
23.0									
24.0									
25.0									
26.0									
27.0									End of boring 27' bgs.

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Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **19 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0							CL	/	LEAN CLAY (CL): dark brown, damp, hard, medium plasticity, no odor. @4 feet: yellowish brown, abundant caliche.
1.0									
2.0				0	3.0/4.0				
3.0									
4.0									
5.0									
6.0				0	4.0/4.0				
7.0									
8.0									
9.0									
10.0				0	4.0/4.0				

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Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **19 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0							CL		LEAN CLAY (CL) : continues.
11.0									
12.0									Pushed probe with disposable steel tip to 19 feet below ground surface to install temporary PVC casing.
13.0									
14.0									
15.0									
16.0									
17.0									
18.0									
19.0									End of boring 19' bgs.

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 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **19 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0							SM		SILTY SAND (SM): yellowish brown
1.0									
2.0			10:22	0	3.5/4.0				
3.0									
4.0							CL		LEAN CLAY (CL): yellowish brown, damp, hard, no odor.
5.0									
6.0			10:25	0	4.0/4.0				
7.0									
8.0									@8 feet: moist.
9.0									
10.0			10:28	0	4.0/4.0				

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Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **19 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0							CL		LEAN CLAY (CL) : continues.
11.0									
12.0									Pushed probe with disposable steel tip to 19 feet below ground surface to install temporary PVC casing.
13.0									
14.0									
15.0									
16.0									
17.0									
18.0									
19.0									End of boring 19' bgs.

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 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **32 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **16 feet bgs**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0							CL		LEAN CLAY (CL): dark brown, medium plasticity, damp, hard, no odor.
1.0									
2.0				0.1	1.0/4.0				
3.0									
4.0									@4 feet: yellowish brown, abundant caliche.
5.0									
6.0				0	4.0/4.0				
7.0									
8.0									@ 8 feet: moist
9.0									
10.0				0	4.0/4.0				

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 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **32 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **16 feet bgs**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0							CL		LEAN CLAY (CL) : continues.
11.0									
12.0									@ 12 feet: as above, no moist, no visible indication of water
13.0									
14.0					4.0/4.0				
15.0									
16.0						▽			@ 16 feet: wet
17.0									@ 17 feet: moist
18.0					2.5/4.0				
19.0									
20.0									

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Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **32 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **16 feet bgs**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
20.0							CL		
21.0									@21 feet: abundant caliche, nodules, moist.
22.0					2.6/4.0				
23.0									
24.0									
25.0									
26.0					4.0/4.0				@26-27 feet: pale brown, highly friable caliche zone, wet.
27.0									
28.0									
29.0							SC		Clayey sand, brown, 45% fines, 55% fine sand.
30.0							CL		LEAN CLAY (CL): dark brown, hard.

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Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **32 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **16 feet bgs**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
30.0									LEAN CLAY (CL): continues.
31.0									
32.0									End of boring 32' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: 717-3

BORING DIAMETER: 2 INCH

PROJECT NAME: CALL MAC TRANSPORTATION

TOTAL DEPTH: 19 FEET

LOCATION: 461 McGRAW AVENUE LIVERMORE CA, 94550

STATIC WATER LEVEL (BGS): NM

DRILLING COMPANY: ENPROB ENVIRONMENTAL PROBING

FIRST GROUNDWATER ENCOUNTER: NM

DRILLING METHOD: GEOPROBE DIRECT PUSH

SAMPLING EQUIPMENT: DUEL TUBE

LOGGED BY: PANINDHAR R. KRISHNAMRAJU, Ph.D.

DATE: 12/5/2007

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									LEAN CLAY (CL): dark brown, medium plasticity, damp, hard, no odor. @4 feet: yellowish brown, abundant caliche.
1.0							CL		
2.0			13:10	0	2.0/4.0				
3.0									
4.0									
5.0									
6.0			13:15	0	4.0/4.0				
7.0									
8.0									
9.0									
10.0			13:20	0	4.0/4.0				

Environmental Investigation Services, Inc.

170 Knowles Drive, Suite 212
Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **19 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0							CL		LEAN CLAY (CL) : continues.
11.0									@ 10.5 feet: moist
12.0									Pushed probe with disposable steel tip to 19 feet below ground surface to install temporary PVC casing.
13.0									
14.0									
15.0									
16.0									
17.0									
18.0									
19.0									End of boring 19' bgs.



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **19 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0							CL		LEAN CLAY (CL): dark brown, medium plasticity, damp, hard, slight odor.
1.0									
2.0			10:00	0	1.8/4.0				
3.0									
4.0									@4 feet: yellowish brown, caliche rich.
5.0									
6.0			10:04	0	4.0/4.0				
7.0									
8.0									@ 8 feet: moist
9.0									
10.0			10:08	0	4.0/4.0				

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **19 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0							CL		LEAN CLAY (CL) : continues.
11.0									
12.0									Pushed probe with disposable steel tip to 19 feet below ground surface to install temporary PVC casing.
13.0									
14.0									
15.0									
16.0									
17.0									
18.0									
19.0									End of boring 19' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **19 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0							CL		LEAN CLAY (CL): dark brown, medium plasticity, damp, hard, no odor.
1.0									
2.0			9:36	0	2.5/4.0				
3.0									
4.0									@4 feet: yellowish brown, caliche rich, hard.
5.0									
6.0			9:40	0	4.0/4.0				
7.0									
8.0									
9.0									
10.0			9:46	0.2	4.0/4.0				@ 10 feet: moist

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 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **19 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0							CL		LEAN CLAY (CL) : continues.
11.0									
12.0									Pushed probe with disposable steel tip to 19 feet below ground surface to install temporary PVC casing.
13.0									
14.0									
15.0									
16.0									
17.0									
18.0									
19.0									End of boring 19' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **19 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0							CL		LEAN CLAY (CL): grayish brown, no odor.
1.0									
2.0			8:40	0	2.0/4.0				
3.0									
4.0									@4 feet: yellowish brown, medium plasticity, caliche rich, hard, damp.
5.0									
6.0			8:44	0.5	4.0/4.0				
7.0									
8.0									
9.0									
10.0			8:48	0.3	4.0/4.0				@ 10 feet: moist

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **19 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0							CL		LEAN CLAY (CL) : continues.
11.0									
12.0									Pushed probe with disposable steel tip to 19 feet below ground surface to install temporary PVC casing.
13.0									
14.0									
15.0									
16.0									
17.0									
18.0									
19.0									End of boring 19' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **19 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0							CL		LEAN CLAY (CL): dark brown, hard, damp, no odor.
1.0									
2.0				0	1.8/4.0				
3.0									
4.0				0					@4 feet: staining yellowish brown, abundant dessiminated caliche.
5.0									
6.0					4.0/4.0				
7.0									
8.0				0					
9.0									
10.0					4.0/4.0				

Environmental Investigation Services, Inc.
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 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **19 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **DUEL TUBE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/5/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0							CL		LEAN CLAY (CL) : continues.
11.0									
12.0									Pushed probe with disposable steel tip to 19 feet below ground surface to install temporary PVC casing.
13.0									
14.0									
15.0									
16.0									
17.0									
18.0									
19.0									End of boring 19' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **19.5 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **11/21/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0							CL		LEAN CLAY (CL): dark brown, hard, damp, no odor.
1.0									
2.0					4.0/4.0				@2 feet: color grades to yellowish brown.
3.0									
4.0				0					Pushed probe with disposable steel tip to 19.5 feet below ground surface to install temporary PVC casing.
5.0									
6.0									
7.0									
8.0									
9.0									
10.0									

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **19.5 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **11/21/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0									
11.0									
12.0									
13.0									
14.0									
15.0									
16.0									
17.0									
18.0									
19.0									End of boring 19.5' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **18 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **11/21/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0							CL		LEAN CLAY (CL): dark brown, hard, damp, no odor.
1.0					4.0/4.0				
2.0				0					
3.0									
4.0				0					Pushed probe with disposable steel tip to 18 feet below ground surface to install temporary PVC casing.
5.0									
6.0									
7.0									
8.0									
9.0									
10.0									

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **18 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **11/21/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0									
11.0									
12.0									
13.0									
14.0									
15.0									
16.0									
17.0									
18.0									End of boring 18' bgs.



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **18 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **11/21/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0							CL		LEAN CLAY (CL): dark brown, hard, damp, slight odor.
1.0									
2.0				68	4.0/4.0				
3.0									@3 feet: dark yellowish brown, calich rich, no odor.
4.0				0					Pushed probe with disposable steel tip to 18 feet below ground surface to install temporary PVC casing.
5.0									
6.0									
7.0									
8.0									
9.0									
10.0									

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **18 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **11/21/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0									
11.0									
12.0									
13.0									
14.0									
15.0									
16.0									
17.0									
18.0									End of boring 18' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **18 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **11/21/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0							CL		LEAN CLAY (CL): dark brown, medium plasticity, damp, no odor.
1.0									
2.0					4.0/4.0				
3.0									
4.0				1.1					Pushed probe with disposable steel tip to 18 feet below ground surface to install temporary PVC casing.
5.0									
6.0									
7.0									
8.0									
9.0									
10.0									

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **18 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **11/21/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0									
11.0									
12.0									
13.0									
14.0									
15.0									
16.0									
17.0									
18.0									End of boring 18' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **4 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **11/21/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (ft/ft)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0								GRAVEL BASE ROCK	GRAVEL BASE ROCK
1.0								LEAN CLAY (CL): dark brown, damp, trace roots, strong petroleum odor.	LEAN CLAY (CL): dark brown, damp, trace roots, strong petroleum odor.
2.0				29	4.0/4.0				
3.0									
4.0		B10A @3.5'	13:07	27					End of boring 4' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **18 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **11/21/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									GRAVEL BASE ROCK
1.0									LEAN CLAY (CL): dark brown, medium plasticity, caliche rich, dry, strong petroleum odor.
2.0				66					
3.0									
4.0				34					
5.0									@ 5 feet: light brown, caliche rich, no odor, trace roots.
6.0									
7.0									
8.0		B10@8'	12:38	1.2					
9.0									
10.0									

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **18 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **11/21/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0									
11.0									
12.0									
13.0									Pushed probe with disposable steel tip to 18 feet bgs to install temporary PVC casing
14.0									
15.0									
16.0									
17.0									
18.0									End of boring 18' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **19.5 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **11/21/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0							CL		LEAN CLAY (CL): dark brown, medium plasticity, dry, no odor.
1.0									
2.0				0	4.0/4.0				
3.0									
4.0				0					@ 4 feet: yellowish brown, abundant caliche.
5.0									Pushed probe with disposable steel tip to 19.5 feet below ground surface to install temporary PVC casing.
6.0									
7.0									
8.0									
9.0									
10.0									

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **19.5 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **NM**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **11/21/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0									
11.0									
12.0									
13.0									
14.0									
15.0									
16.0									
17.0									
18.0									
19.0									
End of boring 19.5' bgs.									

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **18 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **11.5 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **11/21/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0								GRAVEL BASE ROCK	
1.0							CL	LEAN CLAY (CL): dark brown, medium plasticity, dry, no odor.	
2.0					3.1/4.0				
3.0									
4.0				0					@ 4 feet: yellowish brown, abundant caliche.
5.0									
6.0					2.0/4.0				
7.0									
8.0				0					
9.0									
10.0					4.0/4.0				

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 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes: No soil sample retained for analysis.



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **18 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **11.5 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **11/21/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0									
11.0						▽			LEAN CLAY (CL) Continues.
12.0				0					@11.5: wet
13.0									
14.0					2.5/4.0				
15.0									
16.0									
17.0									
18.0									End of boring 18' bgs.



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **20 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **11 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/17/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									LEAN CLAY (CL): dark brown, hard, dry, no odor.
1.0							CL		
2.0			10:05		3.5/4.0				
3.0									
4.0									@4 feet: yellowish brown, caliche rich.
5.0									
6.0					4.0/4.0				
7.0									
8.0									
9.0									
10.0					4.0/4.0				

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 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **20 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **NM**
 DRILLING COMPANY: **ENPROB ENVIRONMENTAL PROBING** FIRST GROUNDWATER ENCOUNTER: **11 FEET**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/17/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (FT/FT)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
10.0							CL		LEAN CLAY (CL) : continues.
11.0						▽			@ 11 feet: wet, soft.
12.0									
13.0									
14.0					4.0/4.0				@ 14 feet: moist, hard, medium plasticity.
15.0									
16.0									
17.0									
18.0					3.5/4.0				
19.0									
20.0									End of boring 20' bgs.

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 Los Gatos, California 95032

Notes: No soil sample retained for analysis



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **4 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **--**
 DRILLING COMPANY: **ECA** FIRST GROUNDWATER ENCOUNTER: **--**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/14/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (ft/ft)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									LEAN CLAY (CL): dark brown, hard, slight odor.
1.0									
2.0					3.0/4.0				
3.0									
4.0									End of boring 4' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **4 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **--**
 DRILLING COMPANY: **ECA** FIRST GROUNDWATER ENCOUNTER: **--**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/14/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (ft/ft)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									LEAN CLAY (CL): dark brown, hard, no odor
1.0									
2.0			14:25		3.8/4.0		CL		
3.0									
4.0									End of boring 4' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **4 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **--**
 DRILLING COMPANY: **ECA** FIRST GROUNDWATER ENCOUNTER: **--**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/14/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (ft/ft)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									LEAN CLAY (CL): dark brown, hard, no odor
1.0									
2.0			13:30		3.8/4.0		CL		
3.0				0.1					
4.0									End of boring 4' bgs.

Environmental Investigation Services, Inc.
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 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **4 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **--**
 DRILLING COMPANY: **ECA** FIRST GROUNDWATER ENCOUNTER: **--**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/14/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (ft/ft)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									LEAN CLAY (CL): dark brown, hard, no odor
1.0									
2.0			11:10		3.8/4.0		CL		
3.0				0.1					
4.0									End of boring 4' bgs.

Environmental Investigation Services, Inc.
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 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **4 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **--**
 DRILLING COMPANY: **ECA** FIRST GROUNDWATER ENCOUNTER: **--**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/14/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (ft/ft)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									LEAN CLAY (CL): dark brown, hard, no odor
1.0									
2.0			13:45		4.0/4.0		CL		
3.0									
4.0									End of boring 4' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **4 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **--**
 DRILLING COMPANY: **ECA** FIRST GROUNDWATER ENCOUNTER: **--**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/14/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (ft/ft)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									LEAN CLAY (CL): dark brown, hard, no odor
1.0									
2.0			13:55		4.0/4.0		CL		
3.0									
4.0									End of boring 4' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **4 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **--**
 DRILLING COMPANY: **ECA** FIRST GROUNDWATER ENCOUNTER: **--**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/14/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (ft/ft)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									LEAN CLAY (CL): dark brown, hard, no odor
1.0									
2.0				1.2	3.8/4.0		CL		
3.0									
4.0				1.5					End of boring 4' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **4 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **--**
 DRILLING COMPANY: **ECA** FIRST GROUNDWATER ENCOUNTER: **--**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/14/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (ft/ft)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									LEAN CLAY (CL): dark brown, hard, no odor
1.0									
2.0				0.0	3.8/4.0		CL		
3.0									
4.0				0.0					End of boring 4' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **4 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **--**
 DRILLING COMPANY: **ECA** FIRST GROUNDWATER ENCOUNTER: **--**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/14/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (ft/ft)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0			14:08						LEAN CLAY (CL): dark brown, hard, no odor
1.0									
2.0				0.0	3.8/4.0		CL		
3.0									
4.0			14:14	0.0					End of boring 4' bgs.

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 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes:



PROJECT NUMBER: 717-3
 PROJECT NAME: CALL MAC TRANSPORTATION
 LOCATION: 461 McGRAW AVENUE LIVERMORE CA, 94550
 DRILLING COMPANY: ECA
 DRILLING METHOD: GEOPROBE DIRECT PUSH
 LOGGED BY: PANINDHAR R. KRISHNAMRAJU, Ph.D.

BORING DIAMETER: 2 INCH
 TOTAL DEPTH: 4 FEET
 STATIC WATER LEVEL (BGS): --
 FIRST GROUNDWATER ENCOUNTER: --
 SAMPLING EQUIPMENT: MACRO CORE
 DATE: 12/14/2007

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (ft/ft)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									
1.0			13:05						
2.0				0.0	3.8/4.0		CL		LEAN CLAY (CL): dark brown, hard, no odor
3.0									
4.0			13:15	0.0					End of boring 4' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **8 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **--**
 DRILLING COMPANY: **ECA** FIRST GROUNDWATER ENCOUNTER: **--**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/14/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (ft/ft)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0							CL		LEAN CLAY (CL): dark brown, soft, damp, no odor
1.0									
2.0			15:30		3.8/4.0				
3.0									
4.0				0.0					@4 feet: dry, medium plasticity, caliche rich.
5.0									
6.0			15:45		4.0/4.0				
7.0				0.0					
8.0									End of boring 8' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **8 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **--**
 DRILLING COMPANY: **ECA** FIRST GROUNDWATER ENCOUNTER: **--**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/14/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (ft/ft)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									LEAN CLAY (CL): dark brown, hard, damp, no odor
1.0									
2.0			12:40		3.5/4.0		CL		
3.0									@4 feet: dry, medium plasticity, caliche rich.
4.0				0.0					
5.0									
6.0			12:48		4.0/4.0				
7.0				0.0					
8.0									End of boring 8' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **4 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **--**
 DRILLING COMPANY: **ECA** FIRST GROUNDWATER ENCOUNTER: **--**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/14/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (ft/ft)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									LEAN CLAY (CL): dark brown, hard, medium plasticity, no odor
1.0									
2.0			12:30	0.0	3.5/4.0		CL		
3.0									
4.0									End of boring 4' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **4 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **--**
 DRILLING COMPANY: **ECA** FIRST GROUNDWATER ENCOUNTER: **--**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/14/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (ft/ft)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0			11:40						LEAN CLAY (CL): dark brown, medium hard, no odor
1.0									
2.0				0.0	3.6/4.0		CL		
3.0									
4.0			11:45	0.0					End of boring 4' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **4 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **--**
 DRILLING COMPANY: **ECA** FIRST GROUNDWATER ENCOUNTER: **--**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/14/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (ft/ft)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									LEAN CLAY (CL): dark brown, hard, no odor
1.0									
2.0			10:50	0.2	3.6/4.0		CL		
3.0									
4.0									End of boring 4' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **4 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **--**
 DRILLING COMPANY: **ECA** FIRST GROUNDWATER ENCOUNTER: **--**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/14/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (ft/ft)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									LEAN CLAY (CL): dark brown, hard, no odor
1.0									
2.0			10:40	0.9	3.9/4.0		CL		
3.0									
4.0									End of boring 4' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **4 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **--**
 DRILLING COMPANY: **ECA** FIRST GROUNDWATER ENCOUNTER: **--**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/14/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (ft/ft)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									LEAN CLAY (CL): dark brown, hard, caliche rich, no odor
1.0									
2.0			10:20	1.3	3.9/4.0		CL		
3.0									
4.0									End of boring 4' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **8 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **--**
 DRILLING COMPANY: **ECA** FIRST GROUNDWATER ENCOUNTER: **--**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/14/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (ft/ft)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									LEAN CLAY (CL): dark brown, hard, damp, no odor
1.0									
2.0					3.8/4.0		CL		
3.0									
4.0				0.1					@4 feet: dry, medium plasticity, caliche rich.
5.0									
6.0					4.0/4.0				
7.0									
8.0									End of boring 8' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **4 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **--**
 DRILLING COMPANY: **ECA** FIRST GROUNDWATER ENCOUNTER: **--**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/14/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (ft/ft)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0			9:30						LEAN CLAY (CL): dark brown, hard, damp, no odor
1.0									
2.0				0.1	3.8/4.0		CL		
3.0									
4.0			9:57						End of boring 4' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **4 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **--**
 DRILLING COMPANY: **ECA** FIRST GROUNDWATER ENCOUNTER: **--**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/14/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (ft/ft)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0			8:59						LEAN CLAY (CL): dark brown, hard, damp, caliche rich, no odor
1.0									
2.0					3.8/4.0		CL		
3.0									
4.0			9:08						End of boring 4' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **4 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **--**
 DRILLING COMPANY: **ECA** FIRST GROUNDWATER ENCOUNTER: **--**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/14/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (ft/ft)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0			15:00						LEAN CLAY (CL): dark brown, hard, medium plasticity, no odor
1.0									
2.0					3.9/4.0		CL		
3.0									
4.0			15:10						End of boring 4' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **4 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **--**
 DRILLING COMPANY: **ECA** FIRST GROUNDWATER ENCOUNTER: **--**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/14/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (ft/ft)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0			10:55						LEAN CLAY (CL): dark brown, hard, medium plasticity, slight odor
1.0									
2.0				0.7	3.9/4.0		CL		
3.0									
4.0		SG-7A 3.5-4	11:10	14.7					End of boring 4' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **4 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **--**
 DRILLING COMPANY: **ECA** FIRST GROUNDWATER ENCOUNTER: **--**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/14/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (ft/ft)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									LEAN CLAY (CL): dark brown, hard, medium plasticity, no odor
1.0									
2.0			8:10		3.6/4.0				
3.0									
4.0									End of boring 4' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **4 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **--**
 DRILLING COMPANY: **ECA** FIRST GROUNDWATER ENCOUNTER: **--**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/14/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (ft/ft)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									LEAN CLAY (CL): dark brown, hard, medium plasticity, no odor
1.0									
2.0			8:20		3.6/4.0				
3.0									
4.0									End of boring 4' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes:



PROJECT NUMBER: **717-3** BORING DIAMETER: **2 INCH**
 PROJECT NAME: **CALL MAC TRANSPORTATION** TOTAL DEPTH: **4 FEET**
 LOCATION: **461 McGRAW AVENUE LIVERMORE CA, 94550** STATIC WATER LEVEL (BGS): **--**
 DRILLING COMPANY: **ECA** FIRST GROUNDWATER ENCOUNTER: **--**
 DRILLING METHOD: **GEOPROBE DIRECT PUSH** SAMPLING EQUIPMENT: **MACRO CORE**
 LOGGED BY: **PANINDHAR R. KRISHNAMRAJU, Ph.D.** DATE: **12/14/2007**

DEPTH	SAMPLES	SAMPLE NUMBER	Time	PID READING (ppm)	RECOVERY (ft/ft)	GROUNDWATER	SOIL TYPE	LITHOLOGY	DESCRIPTION
0.0									LEAN CLAY (CL): dark brown, hard, medium plasticity, no odor
1.0									
2.0			15:15		3.8/4.0		CL		
3.0									
4.0									End of boring 4' bgs.

Environmental Investigation Services, Inc.
 170 Knowles Drive, Suite 212
 Los Gatos, California 95032

Notes:

Attachment B

Soil Sample Laboratory Analytical Reports – B-7 through B-14



McC Campbell Analytical, Inc.

"When Quality Counts"

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

Environmental Investigation Servi 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: 717-3C	Date Sampled: 11/21/07
		Date Received: 11/21/07
	Client Contact: Peter Littman	Date Reported: 11/29/07
	Client P.O.:	Date Completed: 11/29/07

WorkOrder: 0711603

November 29, 2007

Dear Peter:

Enclosed are:

- 1). the results of **4** analyzed samples from your **717-3C project,**
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

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

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius, Lab Manager

0711603

EIS1



McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701

Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME

RUSH 24 HR 48 HR 72 HR 5 DAY

GeoTracker EDF PDF Excel Write On (DW)

Check if sample is effluent and "J" flag is required

Report To: EIS p. Litman Bill To: EIS
Company: Environmental Analytical Services
170 Los Gatos, CA
Tele: (409) 871-1420 E-Mail: plitman@eis1.me
Project #: 717-3C Project Name: Cal Mac Trans
Project Location: Livermore, California
Sampler Signature: [Signature]

Analysis Request

Other Comments

BTEX & TPH as Gas (602-8021 / 8015) <u>TPH</u>	<input checked="" type="checkbox"/>
TPH as Diesel (8015) <u>TPH</u>	<input checked="" type="checkbox"/>
Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	
Total Petroleum Hydrocarbons (418.1)	
EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	
MTBE / BTEX ONLY (EPA 602 / 8021)	
EPA 505 / 608 / 8081 (CI Pesticides)	
EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	
EPA 507 / 8141 (NP Pesticides)	
EPA 515 / 8151 (Acidic CI Herbicides)	
EPA 544 / 8260 (VOCs) <u>TPH-g</u>	<input checked="" type="checkbox"/>
EPA 525.2 / 625 / 8270 (SVOCs)	
EPA 8270 SIM / 8310 (PAHs / PNAs)	
CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	
LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	
Lead (200.7 / 200.8 / 6010 / 6020)	

Filter Samples for Metals analysis: Yes / No

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED						
		Date	Time			Water	Soil	Air	Sludge	Other	ICE	HCL	HNO ₃	Other			
B10@ 3.5'	B10	11/21/07	11:57	1	FWH		X				X						
B10@ 8'	B10	"	12:38	1			X				X						
B10A@ 3.5'	B10A	"	13:07	1			X				X						
B12@ 2'	B12	"	13:42	1			X				X						

Relinquished By: <u>[Signature]</u>	Date: <u>11/21/07</u>	Time: <u>4:00</u>	Received By: <u>[Signature]</u>
Relinquished By: <u>[Signature]</u>	Date: <u>11/21/07</u>	Time: <u>17:30</u>	Received By: <u>[Signature]</u>
Relinquished By:	Date:	Time:	Received By:

ICE/A° 74° COMMENTS:

GOOD CONDITION _____

HEAD SPACE ABSENT _____

DECHLORINATED IN LAB _____


APPROPRIATE CONTAINERS _____

PRESERVED IN LAB _____

VOAS O&G METALS OTHER

PRESERVATION pH<2

McC Campbell Analytical, Inc.


 1534 Willow Pass Rd
 Pittsburg, CA 94565-1701
 (925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0711603

ClientID: EISI

EDF
 Excel
 Fax
 Email
 HardCopy
 ThirdParty

Report to:		Bill to:	Requested TAT: 5 days
Peter Littman	Email: plittman@eis1.net, jmorris@eis1.net	Barbar	
Environmental Investigation Services,	TEL: (408) 871-1470 FAX: (408) 871-1520	Environmental Investigation Services	<i>Date Received: 11/21/2007</i>
170 Knowles Drive, Suite 212	ProjectNo: 717-3C	170 Knowles Drive, Suite 212	<i>Date Printed: 12/03/2007</i>
Los Gatos, CA 95032	PO:	Los Gatos, CA 95032	
		barbara@eis1.net	

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0711603-001	B10@3.5'	Soil	11/21/07 11:57:00	<input type="checkbox"/>	A	A	A									
0711603-002	B10@8'	Soil	11/21/07 12:38:00	<input type="checkbox"/>	A		A									
0711603-003	B10A@3.5'	Soil	11/21/07 1:07:00	<input type="checkbox"/>	A		A									
0711603-004	B12@2'	Soil	11/21/07 1:42:00	<input type="checkbox"/>	A		A									

Test Legend:

1	GAS8260B_S	2	PREDF REPORT	3	TPH(DMO)_S	4		5	
6		7		8		9		10	
11		12							

Prepared by: Nickole White

Comments:

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



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

Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: 717-3C	Date Sampled: 11/21/07
		Date Received: 11/21/07
	Client Contact: Peter Littman	Date Extracted: 11/21/07
	Client P.O.:	Date Analyzed: 11/27/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0711603

Lab ID	0711603-001A
Client ID	B10@3.5'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
TPH(g)	ND<2.5	10	0.25	Acetone	ND<0.50	10	0.05
Acrolein (Propenal)	ND<0.50	10	0.05	Acrylonitrile	ND<0.20	10	0.02
tert-Amyl methyl ether (TAME)	ND<0.050	10	0.005	Benzene	ND<0.050	10	0.005
Bromobenzene	ND<0.050	10	0.005	Bromochloromethane	ND<0.050	10	0.005
Bromodichloromethane	ND<0.050	10	0.005	Bromoform	ND<0.050	10	0.005
Bromomethane	ND<0.050	10	0.005	2-Butanone (MEK)	ND<0.20	10	0.02
t-Butyl alcohol (TBA)	ND<0.50	10	0.05	n-Butyl benzene	0.23	10	0.005
sec-Butyl benzene	0.088	10	0.005	tert-Butyl benzene	ND<0.050	10	0.005
Carbon Disulfide	ND<0.050	10	0.005	Carbon Tetrachloride	ND<0.050	10	0.005
Chlorobenzene	ND<0.050	10	0.005	Chloroethane	ND<0.050	10	0.005
2-Chloroethyl Vinyl Ether	ND<0.10	10	0.01	Chloroform	ND<0.050	10	0.005
Chloromethane	ND<0.050	10	0.005	2-Chlorotoluene	ND<0.050	10	0.005
4-Chlorotoluene	ND<0.050	10	0.005	Dibromochloromethane	ND<0.050	10	0.005
1,2-Dibromo-3-chloropropane	ND<0.050	10	0.005	1,2-Dibromoethane (EDB)	ND<0.050	10	0.005
Dibromomethane	ND<0.050	10	0.005	1,2-Dichlorobenzene	ND<0.050	10	0.005
1,3-Dichlorobenzene	ND<0.050	10	0.005	1,4-Dichlorobenzene	ND<0.050	10	0.005
Dichlorodifluoromethane	ND<0.050	10	0.005	1,1-Dichloroethane	ND<0.050	10	0.005
1,2-Dichloroethane (1,2-DCA)	ND<0.050	10	0.005	1,1-Dichloroethene	ND<0.050	10	0.005
cis-1,2-Dichloroethene	ND<0.050	10	0.005	trans-1,2-Dichloroethene	ND<0.050	10	0.005
1,2-Dichloropropane	ND<0.050	10	0.005	1,3-Dichloropropane	ND<0.050	10	0.005
2,2-Dichloropropane	ND<0.050	10	0.005	1,1-Dichloropropene	ND<0.050	10	0.005
cis-1,3-Dichloropropene	ND<0.050	10	0.005	trans-1,3-Dichloropropene	ND<0.050	10	0.005
Diisopropyl ether (DIPE)	ND<0.050	10	0.005	Ethylbenzene	0.069	10	0.005
Ethyl tert-butyl ether (ETBE)	ND<0.050	10	0.005	Freon 113	ND<1.0	10	0.1
Hexachlorobutadiene	ND<0.050	10	0.005	Hexachloroethane	ND<0.050	10	0.005
2-Hexanone	ND<0.050	10	0.005	Isopropylbenzene	ND<0.050	10	0.005
4-Isopropyl toluene	ND<0.050	10	0.005	Methyl-t-butyl ether (MTBE)	ND<0.050	10	0.005
Methylene chloride	ND<0.050	10	0.005	4-Methyl-2-pentanone (MIBK)	ND<0.050	10	0.005
Naphthalene	1.9	10	0.005	Nitrobenzene	ND<1.0	10	0.1
n-Propyl benzene	0.11	10	0.005	Styrene	ND<0.050	10	0.005
1,1,1,2-Tetrachloroethane	ND<0.050	10	0.005	1,1,2,2-Tetrachloroethane	ND<0.050	10	0.005
Tetrachloroethene	0.13	10	0.005	Toluene	ND<0.050	10	0.005
1,2,3-Trichlorobenzene	ND<0.050	10	0.005	1,2,4-Trichlorobenzene	ND<0.050	10	0.005
1,1,1-Trichloroethane	ND<0.050	10	0.005	1,1,2-Trichloroethane	ND<0.050	10	0.005
Trichloroethene	ND<0.050	10	0.005	Trichlorofluoromethane	ND<0.050	10	0.005
1,2,3-Trichloropropane	ND<0.050	10	0.005	1,2,4-Trimethylbenzene	0.66	10	0.005
1,3,5-Trimethylbenzene	0.26	10	0.005	Vinyl Chloride	ND<0.050	10	0.005
Xylenes	0.47	10	0.005				

Surrogate Recoveries (%)

%SS1:	106	%SS2:	100
%SS3:	89		

Comments:

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

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

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

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



McC Campbell Analytical, Inc.

"When Quality Counts"

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

Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: 717-3C	Date Sampled: 11/21/07
		Date Received: 11/21/07
	Client Contact: Peter Littman	Date Extracted: 11/21/07
	Client P.O.:	Date Analyzed: 11/30/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0711603

Lab ID	0711603-002A
Client ID	B10@8'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
TPH(g)	ND	1.0	0.25	Acetone	ND	1.0	0.05
Acrolein (Propenal)	ND	1.0	0.05	Acrylonitrile	ND	1.0	0.02
tert-Amyl methyl ether (TAME)	ND	1.0	0.005	Benzene	ND	1.0	0.005
Bromobenzene	ND	1.0	0.005	Bromochloromethane	ND	1.0	0.005
Bromodichloromethane	ND	1.0	0.005	Bromoform	ND	1.0	0.005
Bromomethane	ND	1.0	0.005	2-Butanone (MEK)	ND	1.0	0.02
t-Butyl alcohol (TBA)	ND	1.0	0.05	n-Butyl benzene	ND	1.0	0.005
sec-Butyl benzene	ND	1.0	0.005	tert-Butyl benzene	ND	1.0	0.005
Carbon Disulfide	ND	1.0	0.005	Carbon Tetrachloride	ND	1.0	0.005
Chlorobenzene	ND	1.0	0.005	Chloroethane	ND	1.0	0.005
2-Chloroethyl Vinyl Ether	ND	1.0	0.01	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.005	1,2-Dibromoethane (EDB)	ND	1.0	0.005
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	Nitrobenzene	ND	1.0	0.1
n-Propyl benzene	ND	1.0	0.005	Styrene	ND	1.0	0.005
1,1,1,2-Tetrachloroethane	ND	1.0	0.005	1,1,2,2-Tetrachloroethane	ND	1.0	0.005
Tetrachloroethene	ND	1.0	0.005	Toluene	ND	1.0	0.005
1,2,3-Trichlorobenzene	ND	1.0	0.005	1,2,4-Trichlorobenzene	ND	1.0	0.005
1,1,1-Trichloroethane	ND	1.0	0.005	1,1,2-Trichloroethane	ND	1.0	0.005
Trichloroethene	ND	1.0	0.005	Trichlorofluoromethane	ND	1.0	0.005
1,2,3-Trichloropropane	ND	1.0	0.005	1,2,4-Trimethylbenzene	ND	1.0	0.005
1,3,5-Trimethylbenzene	ND	1.0	0.005	Vinyl Chloride	ND	1.0	0.005
Xylenes	ND	1.0	0.005				

Surrogate Recoveries (%)

%SS1:	101	%SS2:	97
%SS3:	104		

Comments:

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

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

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

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



McC Campbell Analytical, Inc.

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

Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: 717-3C	Date Sampled: 11/21/07
		Date Received: 11/21/07
	Client Contact: Peter Littman	Date Extracted: 11/21/07
	Client P.O.:	Date Analyzed 11/27/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0711603

Lab ID	0711603-003A
Client ID	B10A@3.5'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
TPH(g)	ND	1.0	0.25	Acetone	ND	1.0	0.05
Acrolein (Propenal)	ND	1.0	0.05	Acrylonitrile	ND	1.0	0.02
tert-Amyl methyl ether (TAME)	ND	1.0	0.005	Benzene	ND	1.0	0.005
Bromobenzene	ND	1.0	0.005	Bromochloromethane	ND	1.0	0.005
Bromodichloromethane	ND	1.0	0.005	Bromoform	ND	1.0	0.005
Bromomethane	ND	1.0	0.005	2-Butanone (MEK)	ND	1.0	0.02
t-Butyl alcohol (TBA)	ND	1.0	0.05	n-Butyl benzene	ND	1.0	0.005
sec-Butyl benzene	ND	1.0	0.005	tert-Butyl benzene	ND	1.0	0.005
Carbon Disulfide	ND	1.0	0.005	Carbon Tetrachloride	ND	1.0	0.005
Chlorobenzene	ND	1.0	0.005	Chloroethane	ND	1.0	0.005
2-Chloroethyl Vinyl Ether	ND	1.0	0.01	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.005	1,2-Dibromoethane (EDB)	ND	1.0	0.005
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	Nitrobenzene	ND	1.0	0.1
n-Propyl benzene	ND	1.0	0.005	Styrene	ND	1.0	0.005
1,1,1,2-Tetrachloroethane	ND	1.0	0.005	1,1,2,2-Tetrachloroethane	ND	1.0	0.005
Tetrachloroethene	0.18	1.0	0.005	Toluene	ND	1.0	0.005
1,2,3-Trichlorobenzene	ND	1.0	0.005	1,2,4-Trichlorobenzene	ND	1.0	0.005
1,1,1-Trichloroethane	ND	1.0	0.005	1,1,2-Trichloroethane	ND	1.0	0.005
Trichloroethene	ND	1.0	0.005	Trichlorofluoromethane	ND	1.0	0.005
1,2,3-Trichloropropane	ND	1.0	0.005	1,2,4-Trimethylbenzene	ND	1.0	0.005
1,3,5-Trimethylbenzene	0.010	1.0	0.005	Vinyl Chloride	ND	1.0	0.005
Xylenes	ND	1.0	0.005				

Surrogate Recoveries (%)

%SS1:	94	%SS2:	100
%SS3:	103		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: 717-3C	Date Sampled: 11/21/07
		Date Received: 11/21/07
	Client Contact: Peter Littman	Date Extracted: 11/21/07
	Client P.O.:	Date Analyzed: 11/27/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0711603

Lab ID	0711603-004A
Client ID	B12@2'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
TPH(g)	ND	1.0	0.25	Acetone	ND	1.0	0.05
Acrolein (Propenal)	ND	1.0	0.05	Acrylonitrile	ND	1.0	0.02
tert-Amyl methyl ether (TAME)	ND	1.0	0.005	Benzene	ND	1.0	0.005
Bromobenzene	ND	1.0	0.005	Bromochloromethane	ND	1.0	0.005
Bromodichloromethane	ND	1.0	0.005	Bromoform	ND	1.0	0.005
Bromomethane	ND	1.0	0.005	2-Butanone (MEK)	ND	1.0	0.02
t-Butyl alcohol (TBA)	ND	1.0	0.05	n-Butyl benzene	ND	1.0	0.005
sec-Butyl benzene	0.056	1.0	0.005	tert-Butyl benzene	ND	1.0	0.005
Carbon Disulfide	ND	1.0	0.005	Carbon Tetrachloride	ND	1.0	0.005
Chlorobenzene	ND	1.0	0.005	Chloroethane	ND	1.0	0.005
2-Chloroethyl Vinyl Ether	ND	1.0	0.01	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.005	1,2-Dibromoethane (EDB)	ND	1.0	0.005
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	Nitrobenzene	ND	1.0	0.1
n-Propyl benzene	ND	1.0	0.005	Styrene	ND	1.0	0.005
1,1,1,2-Tetrachloroethane	ND	1.0	0.005	1,1,2,2-Tetrachloroethane	ND	1.0	0.005
Tetrachloroethene	0.0071	1.0	0.005	Toluene	ND	1.0	0.005
1,2,3-Trichlorobenzene	ND	1.0	0.005	1,2,4-Trichlorobenzene	ND	1.0	0.005
1,1,1-Trichloroethane	ND	1.0	0.005	1,1,2-Trichloroethane	ND	1.0	0.005
Trichloroethene	ND	1.0	0.005	Trichlorofluoromethane	ND	1.0	0.005
1,2,3-Trichloropropane	ND	1.0	0.005	1,2,4-Trimethylbenzene	ND	1.0	0.005
1,3,5-Trimethylbenzene	0.080	1.0	0.005	Vinyl Chloride	ND	1.0	0.005
Xylenes	ND	1.0	0.005				

Surrogate Recoveries (%)

%SS1:	104	%SS2:	101
%SS3:	116		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: 717-3C	Date Sampled: 11/21/07
		Date Received: 11/21/07
	Client Contact: Peter Littman	Date Extracted: 11/21/07
	Client P.O.:	Date Analyzed 11/27/07-11/29/07

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

Extraction method: SW3550C

Analytical methods: SW8015C

Work Order: 0711603

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0711603-001A	B10@3.5'	S	1600,a/m	520	20	108
0711603-002A	B10@8'	S	2.0,b	ND	1	87
0711603-003A	B10A@3.5'	S	3100,a/m	1100	100	104
0711603-004A	B12@2'	S	3200,a/m	880	50	107

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

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

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

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



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0711603

EPA Method SW8260B	Extraction SW5030B			BatchID: 32074			Spiked Sample ID: 0711621-001A						
	Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
		mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	101	106	4.99	109	107	2.15	70 - 130	30	70 - 130	30	
Benzene	ND	0.050	120	126	4.95	130	126	2.43	70 - 130	30	70 - 130	30	
t-Butyl alcohol (TBA)	ND	0.25	78	79.7	2.07	81.2	82.6	1.74	70 - 130	30	70 - 130	30	
Chlorobenzene	ND	0.050	122	124	1.82	127	122	4.04	70 - 130	30	70 - 130	30	
1,2-Dibromoethane (EDB)	ND	0.050	107	115	7.05	119	114	3.90	70 - 130	30	70 - 130	30	
1,2-Dichloroethane (1,2-DCA)	ND	0.050	85.6	92.4	7.71	97.8	97.3	0.514	70 - 130	30	70 - 130	30	
1,1-Dichloroethene	ND	0.050	101	122	19.5	126	130	3.36	70 - 130	30	70 - 130	30	
Diisopropyl ether (DIPE)	ND	0.050	106	112	5.52	115	112	2.94	70 - 130	30	70 - 130	30	
Ethyl tert-butyl ether (ETBE)	ND	0.050	96.2	104	7.49	106	103	2.51	70 - 130	30	70 - 130	30	
Methyl-t-butyl ether (MTBE)	ND	0.050	90.6	99.1	8.98	105	101	3.25	70 - 130	30	70 - 130	30	
Toluene	ND	0.050	106	109	2.81	113	109	3.69	70 - 130	30	70 - 130	30	
Trichloroethene	ND	0.050	101	110	7.96	112	111	1.35	70 - 130	30	70 - 130	30	
%SS1:	103	0.050	81	86	5.24	90	90	0	70 - 130	30	70 - 130	30	
%SS2:	94	0.050	84	84	0	85	86	1.06	70 - 130	30	70 - 130	30	
%SS3:	106	0.050	94	94	0	94	94	0	70 - 130	30	70 - 130	30	

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

NONE

BATCH 32074 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0711603-001A	11/21/07 11:57 AM	11/21/07	11/27/07 12:07 PM	0711603-002A	11/21/07 12:38 PM	11/21/07	11/30/07 5:33 PM
0711603-003A	11/21/07 1:07 PM	11/21/07	11/27/07 9:24 AM	0711603-004A	11/21/07 1:42 PM	11/21/07	11/27/07 10:09 AM

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

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

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

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

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



QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder 0711603

EPA Method SW8015C		Extraction SW3550C			BatchID: 32069			Spiked Sample ID: 0711598-003A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	ND	20	74.6	74.9	0.351	89.4	102	13.0	70 - 130	30	70 - 130	30
%SS:	89	50	88	88	0	77	80	3.04	70 - 130	30	70 - 130	30

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

BATCH 32069 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0711603-001A	11/21/07 11:57 AM	11/21/07	11/29/07 2:06 AM	0711603-002A	11/21/07 12:38 PM	11/21/07	11/28/07 1:41 PM
0711603-003A	11/21/07 1:07 PM	11/21/07	11/29/07 12:35 PM	0711603-004A	11/21/07 1:42 PM	11/21/07	11/27/07 10:57 PM

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

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

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

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

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

Attachment C

Grab Groundwater Sample Laboratory Analytical Reports – B-7 through B-14



McC Campbell Analytical, Inc.

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

Environmental Investigation Servi 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #707-3C; Cal Mac Transport	Date Sampled: 11/26/07
		Date Received: 11/26/07
	Client Contact: Peter Littman	Date Reported: 11/30/07
	Client P.O.:	Date Completed: 11/30/07

WorkOrder: 0711620

November 30, 2007

Dear Peter:

Enclosed are:

- 1). the results of **8** analyzed samples from your **#707-3C; Cal Mac Transport project**,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

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

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing
McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius, Lab Manager

0711620



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 1534 WILLOW PASS ROAD
 PITTSBURG, CA 94565-1701
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CHAIN OF CUSTODY RECORD
 TURN AROUND TIME
 RUSH 24 HR 48 HR 72 HR 5 DAY
 GeoTracker EDF PDF Excel Write On (DW)
 Check if sample is effluent and "J" flag is required

Report To: Peter Littman Bill To: EIS
 Company: Environmental Investigation Services
170 Knowles Drive, Los Gatos, California
 E-Mail: plittman@eis7.net
 Tele: (408) 871 1470 Fax: (408) 871-1520
 Project #: 707-3C Project Name: Cal Mol Transport
 Project Location: 461 MacGraw Avenue, Livermore
 Sampler Signature: [Signature]

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING		# Containers	Type Containers	MATRIX				METHOD PRESERVED				Analysis Request	Other	Comments
		Date	Time			Water	Soil	Air	Sludge	Other	ICE	HCL	HNO ₃			
+ B-7	B-7	11/26	15:18	1	1	X										
+ B-8	B-8	"	15:20	"	"	X										
+ B-9	B-9	"	15:40	"	"	X										
+ B-10	B-10	"	16:20	"	"	X										
+ B-11	B-11	"	16:10	"	"	X										
+ D-12	D-12	"	16:40	"	"	X										
+ B-13	B-13	"	16:55	"	"	X										
+ B-14	B-14	"	17:05	"	"	X										

Relinquished By: [Signature] Date: 11-26-07 Time: 16:40 Received By: [Signature]
 Relinquished By: [Signature] Date: 11-26-07 Time: 17:45 Received By: [Signature]
 Relinquished By: _____ Date: _____ Time: _____ Received By: _____

ICE/r 7.2
 GOOD CONDITION
 HEAD SPACE ABSENT
 DECHLORINATED IN LAB
 APPROPRIATE CONTAINERS
 PRESERVED IN LAB
 VOAS O&G METALS OTHER
 PRESERVATION pH<2

COMMENTS:
 B-10 & B-12
 One litre samples
 are to be sampled
 tomorrow i.e. on
 11/27/07

Continuation of 11/26/07 Sampling



McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701

Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME

RUSH 24 HR 48 HR 72 HR 5 DAY

GeoTracker EDF PDF Excel Write On (DW)

Check if sample is effluent and "J" flag is required

Report To: Peter Littman Bill To: EIS
Company: Environmental Investigation Services
170 Knowles Dr.
Los Gatos, CA E-Mail: plittman@eis1.net
Tele: (408) 871-1470 Fax: (408) 871-1520
Project #: 717-303C Project Name: Cal Mac Trans.
Project Location: Livermore, CA
Sampler Signature: [Signature]

Analysis Request

Other

Comments

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED				Analysis Request	Other	Comments
		Date	Time			Water	Soil	Air	Sludge	Other	ICE	HCL	HNO ₃	Other			
B-12		11/27/07	10:56 AM	1 lt	Amber	X					X	X					Filter Samples for Metals analysis: Yes / No
B-10		11/27/07	11:24 AM	1 lt	Amber	X					X	X					

TPH as Gas (602.2/801 + 8015) / ~~ANALYSIS~~
 TPH as Diesel (8015) + TPH as Oil
 Total Petroleum Oil & Grease (1664 / 5520 E/B&F)
 Total Petroleum Hydrocarbons (418.1)
 EPA 502.2 / 601 / 8010 / 8021 (HVOCs)
 MTBE / BTEX ONLY (EPA 602 / 8021)
 EPA 505/608 / 8081 (CI Pesticides)
 EPA 608 / 8082 PCB'S ONLY; Aroclors / Congeners
 EPA 507 / 8141 (NP Pesticides)
 EPA 515 / 8151 (Acidic CI Herbicides)
 EPA 8242 / 824 / 8260 (VOCs)
 EPA 525.2 / 625 / 8270 (SVOCs)
 EPA 8270 SIM / 8310 (PAHs / PNAS)
 CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)
 LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)
 Lead (200.7 / 200.8 / 6010 / 6020)

Relinquished By: [Signature] Date: 11/29 Time: 2:30 Received By: [Signature]
 Relinquished By: [Signature] Date: 11/29 Time: 2:30 Received By: [Signature]
 Relinquished By: [Signature] Date: 1/27 Time: 10:45 Received By: [Signature]

ICE/° _____
 GOOD CONDITION _____
 HEAD SPACE ABSENT _____
 DECHLORINATED IN LAB _____
 APPROPRIATE CONTAINERS _____
 PRESERVED IN LAB _____
 PRESERVATION VOAS O&G METALS OTHER pH<2

COMMENTS:
 Continuation of 11/26/07 sampling
 1 Lt Amber Bottles

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0711620

ClientID: EISI

EDF Excel Fax Email HardCopy ThirdParty

Report to:		Bill to:	Requested TAT: 5 days
Peter Littman	Email: plittman@eis1.net, jmorris@eis1.net	Barbar	
Environmental Investigation Services,	TEL: (408) 871-1470 FAX: (408) 871-1520	Environmental Investigation Services	<i>Date Received: 11/26/2007</i>
170 Knowles Drive, Suite 212	ProjectNo: #707-3C; Cal Mac Transport	170 Knowles Drive, Suite 212	<i>Date Printed: 11/27/2007</i>
Los Gatos, CA 95032	PO:	Los Gatos, CA 95032	
		barbara@eis1.net	

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
0711620-001	B-7	Water	11/26/07 3:18:00	<input type="checkbox"/>	A		A										
0711620-002	B-8	Water	11/26/07 3:30:00	<input type="checkbox"/>	A												
0711620-003	B-9	Water	11/26/07 3:40:00	<input type="checkbox"/>	A												
0711620-004	B-10	Water	11/26/07 4:20:00	<input type="checkbox"/>	A	B		C									
0711620-005	B-11	Water	11/26/07 4:10:00	<input type="checkbox"/>	A												
0711620-006	B-12	Water	11/26/07 4:40:00	<input type="checkbox"/>	A	B		C									
0711620-007	B-13	Water	11/26/07 4:55:00	<input type="checkbox"/>	A												
0711620-008	B-14	Water	11/26/07 5:05:00	<input type="checkbox"/>	A												

Test Legend:

1	8260B_W	2	G-MBTEX_W	3	PREFD REPORT	4	TPH(DMO)_W	5	
6		7		8		9		10	
11		12							

Prepared by: Ana Venegas

Comments: setup diesel on 11/27/07 was waiting on samples.

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.



Sample Receipt Checklist

Client Name: **Environmental Investigation Services, Inc.**

Date and Time Received: **11/26/07 7:26:28 PM**

Project Name: **#707-3C; Cal Mac Transport**

Checklist completed and reviewed by: **Ana Venegas**

WorkOrder N°: **0711620** Matrix Water

Carrier: Derik Cartan (MAI Courier)

Chain of Custody (COC) Information

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

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

- All samples received within holding time? Yes No
- Container/Temp Blank temperature Cooler Temp: 7.2°C NA
- Water - VOA vials have zero headspace / no bubbles? Yes No No VOA vials submitted
- Sample labels checked for correct preservation? Yes No
- TTLC Metal - pH acceptable upon receipt (pH<2)? Yes No NA

Client contacted:

Date contacted:

Contacted by:

Comments:



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

Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #707-3C; Cal Mac Transport	Date Sampled: 11/26/07
	Client Contact: Peter Littman	Date Received: 11/26/07
	Client P.O.:	Date Extracted: 11/27/07
		Date Analyzed: 11/27/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0711620

Lab ID	0711620-001A
Client ID	B-7
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	108	%SS2:	92
%SS3:	82		

Comments: i

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

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

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

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



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

Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #707-3C; Cal Mac Transport	Date Sampled: 11/26/07
	Client Contact: Peter Littman	Date Received: 11/26/07
	Client P.O.:	Date Extracted: 11/27/07
		Date Analyzed: 11/27/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0711620

Lab ID	0711620-002A
Client ID	B-8
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	0.55	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	113	%SS2:	91
%SS3:	83		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #707-3C; Cal Mac Transport	Date Sampled: 11/26/07
	Client Contact: Peter Littman	Date Received: 11/26/07
	Client P.O.:	Date Extracted: 11/27/07
		Date Analyzed: 11/27/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0711620

Lab ID	0711620-003A
Client ID	B-9
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	111	%SS2:	92
%SS3:	84		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #707-3C; Cal Mac Transport	Date Sampled: 11/26/07
	Client Contact: Peter Littman	Date Received: 11/26/07
	Client P.O.:	Date Extracted: 11/27/07
		Date Analyzed: 11/27/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0711620

Lab ID	0711620-004A
Client ID	B-10
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	1.1	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	27	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	112	%SS2:	91
%SS3:	82		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #707-3C; Cal Mac Transport	Date Sampled: 11/26/07
	Client Contact: Peter Littman	Date Received: 11/26/07
	Client P.O.:	Date Extracted: 11/28/07
		Date Analyzed: 11/28/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0711620

Lab ID	0711620-005A
Client ID	B-11
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<200	20	10	Acrolein (Propenal)	ND<100	20	5.0
Acrylonitrile	ND<40	20	2.0	tert-Amyl methyl ether (TAME)	ND<10	20	0.5
Benzene	ND<10	20	0.5	Bromobenzene	ND<10	20	0.5
Bromochloromethane	ND<10	20	0.5	Bromodichloromethane	ND<10	20	0.5
Bromoform	ND<10	20	0.5	Bromomethane	ND<10	20	0.5
2-Butanone (MEK)	ND<40	20	2.0	t-Butyl alcohol (TBA)	ND<100	20	5.0
n-Butyl benzene	ND<10	20	0.5	sec-Butyl benzene	ND<10	20	0.5
tert-Butyl benzene	ND<10	20	0.5	Carbon Disulfide	ND<10	20	0.5
Carbon Tetrachloride	ND<10	20	0.5	Chlorobenzene	ND<10	20	0.5
Chloroethane	ND<10	20	0.5	2-Chloroethyl Vinyl Ether	ND<20	20	1.0
Chloroform	ND<10	20	0.5	Chloromethane	ND<10	20	0.5
2-Chlorotoluene	ND<10	20	0.5	4-Chlorotoluene	ND<10	20	0.5
Dibromochloromethane	ND<10	20	0.5	1,2-Dibromo-3-chloropropane	ND<10	20	0.5
1,2-Dibromoethane (EDB)	ND<10	20	0.5	Dibromomethane	ND<10	20	0.5
1,2-Dichlorobenzene	ND<10	20	0.5	1,3-Dichlorobenzene	ND<10	20	0.5
1,4-Dichlorobenzene	ND<10	20	0.5	Dichlorodifluoromethane	ND<10	20	0.5
1,1-Dichloroethane	ND<10	20	0.5	1,2-Dichloroethane (1,2-DCA)	ND<10	20	0.5
1,1-Dichloroethene	ND<10	20	0.5	cis-1,2-Dichloroethene	ND<10	20	0.5
trans-1,2-Dichloroethene	ND<10	20	0.5	1,2-Dichloropropane	ND<10	20	0.5
1,3-Dichloropropane	ND<10	20	0.5	2,2-Dichloropropane	ND<10	20	0.5
1,1-Dichloropropene	ND<10	20	0.5	cis-1,3-Dichloropropene	ND<10	20	0.5
trans-1,3-Dichloropropene	ND<10	20	0.5	Diisopropyl ether (DIPE)	ND<10	20	0.5
Ethylbenzene	ND<10	20	0.5	Ethyl tert-butyl ether (ETBE)	ND<10	20	0.5
Freon 113	ND<200	20	10	Hexachlorobutadiene	ND<10	20	0.5
Hexachloroethane	ND<10	20	0.5	2-Hexanone	ND<10	20	0.5
Isopropylbenzene	ND<10	20	0.5	4-Isopropyl toluene	ND<10	20	0.5
Methyl-t-butyl ether (MTBE)	ND<10	20	0.5	Methylene chloride	ND<10	20	0.5
4-Methyl-2-pentanone (MIBK)	ND<10	20	0.5	Naphthalene	ND<10	20	0.5
Nitrobenzene	ND<200	20	10	n-Propyl benzene	ND<10	20	0.5
Styrene	ND<10	20	0.5	1,1,1,2-Tetrachloroethane	ND<10	20	0.5
1,1,2,2-Tetrachloroethane	ND<10	20	0.5	Tetrachloroethene	530	20	0.5
Toluene	ND<10	20	0.5	1,2,3-Trichlorobenzene	ND<10	20	0.5
1,2,4-Trichlorobenzene	ND<10	20	0.5	1,1,1-Trichloroethane	ND<10	20	0.5
1,1,2-Trichloroethane	ND<10	20	0.5	Trichloroethene	ND<10	20	0.5
Trichlorofluoromethane	ND<10	20	0.5	1,2,3-Trichloropropane	ND<10	20	0.5
1,2,4-Trimethylbenzene	ND<10	20	0.5	1,3,5-Trimethylbenzene	ND<10	20	0.5
Vinyl Chloride	ND<10	20	0.5	Xylenes	ND<10	20	0.5

Surrogate Recoveries (%)

%SS1:	112	%SS2:	91
%SS3:	83		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #707-3C; Cal Mac Transport	Date Sampled: 11/26/07
	Client Contact: Peter Littman	Date Received: 11/26/07
	Client P.O.:	Date Extracted: 11/28/07
		Date Analyzed: 11/28/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0711620

Lab ID	0711620-006A
Client ID	B-12
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<100	10	10	Acrolein (Propenal)	ND<50	10	5.0
Acrylonitrile	ND<20	10	2.0	tert-Amyl methyl ether (TAME)	ND<5.0	10	0.5
Benzene	ND<5.0	10	0.5	Bromobenzene	ND<5.0	10	0.5
Bromochloromethane	ND<5.0	10	0.5	Bromodichloromethane	ND<5.0	10	0.5
Bromoform	ND<5.0	10	0.5	Bromomethane	ND<5.0	10	0.5
2-Butanone (MEK)	ND<20	10	2.0	t-Butyl alcohol (TBA)	ND<50	10	5.0
n-Butyl benzene	ND<5.0	10	0.5	sec-Butyl benzene	ND<5.0	10	0.5
tert-Butyl benzene	ND<5.0	10	0.5	Carbon Disulfide	ND<5.0	10	0.5
Carbon Tetrachloride	ND<5.0	10	0.5	Chlorobenzene	ND<5.0	10	0.5
Chloroethane	ND<5.0	10	0.5	2-Chloroethyl Vinyl Ether	ND<10	10	1.0
Chloroform	ND<5.0	10	0.5	Chloromethane	ND<5.0	10	0.5
2-Chlorotoluene	ND<5.0	10	0.5	4-Chlorotoluene	ND<5.0	10	0.5
Dibromochloromethane	ND<5.0	10	0.5	1,2-Dibromo-3-chloropropane	ND<5.0	10	0.5
1,2-Dibromoethane (EDB)	ND<5.0	10	0.5	Dibromomethane	ND<5.0	10	0.5
1,2-Dichlorobenzene	ND<5.0	10	0.5	1,3-Dichlorobenzene	ND<5.0	10	0.5
1,4-Dichlorobenzene	ND<5.0	10	0.5	Dichlorodifluoromethane	ND<5.0	10	0.5
1,1-Dichloroethane	ND<5.0	10	0.5	1,2-Dichloroethane (1,2-DCA)	ND<5.0	10	0.5
1,1-Dichloroethene	ND<5.0	10	0.5	cis-1,2-Dichloroethene	ND<5.0	10	0.5
trans-1,2-Dichloroethene	ND<5.0	10	0.5	1,2-Dichloropropane	ND<5.0	10	0.5
1,3-Dichloropropane	ND<5.0	10	0.5	2,2-Dichloropropane	ND<5.0	10	0.5
1,1-Dichloropropene	ND<5.0	10	0.5	cis-1,3-Dichloropropene	ND<5.0	10	0.5
trans-1,3-Dichloropropene	ND<5.0	10	0.5	Diisopropyl ether (DIPE)	ND<5.0	10	0.5
Ethylbenzene	ND<5.0	10	0.5	Ethyl tert-butyl ether (ETBE)	ND<5.0	10	0.5
Freon 113	ND<100	10	10	Hexachlorobutadiene	ND<5.0	10	0.5
Hexachloroethane	ND<5.0	10	0.5	2-Hexanone	ND<5.0	10	0.5
Isopropylbenzene	ND<5.0	10	0.5	4-Isopropyl toluene	ND<5.0	10	0.5
Methyl-t-butyl ether (MTBE)	ND<5.0	10	0.5	Methylene chloride	ND<5.0	10	0.5
4-Methyl-2-pentanone (MIBK)	ND<5.0	10	0.5	Naphthalene	ND<5.0	10	0.5
Nitrobenzene	ND<100	10	10	n-Propyl benzene	ND<5.0	10	0.5
Styrene	ND<5.0	10	0.5	1,1,1,2-Tetrachloroethane	ND<5.0	10	0.5
1,1,2,2-Tetrachloroethane	ND<5.0	10	0.5	Tetrachloroethene	230	10	0.5
Toluene	ND<5.0	10	0.5	1,2,3-Trichlorobenzene	ND<5.0	10	0.5
1,2,4-Trichlorobenzene	ND<5.0	10	0.5	1,1,1-Trichloroethane	ND<5.0	10	0.5
1,1,2-Trichloroethane	ND<5.0	10	0.5	Trichloroethene	ND<5.0	10	0.5
Trichlorofluoromethane	ND<5.0	10	0.5	1,2,3-Trichloropropane	ND<5.0	10	0.5
1,2,4-Trimethylbenzene	ND<5.0	10	0.5	1,3,5-Trimethylbenzene	ND<5.0	10	0.5
Vinyl Chloride	ND<5.0	10	0.5	Xylenes	ND<5.0	10	0.5

Surrogate Recoveries (%)

%SS1:	111	%SS2:	91
%SS3:	83		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #707-3C; Cal Mac Transport	Date Sampled: 11/26/07
	Client Contact: Peter Littman	Date Received: 11/26/07
	Client P.O.:	Date Extracted: 11/28/07
		Date Analyzed: 11/28/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0711620

Lab ID	0711620-007A
Client ID	B-13
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	20	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	0.77	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	111	%SS2:	91
%SS3:	85		

Comments:

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

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

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

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



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	Client Contact: Peter Littman	Date Received: 11/26/07
	Client P.O.:	Date Extracted: 11/27/07
		Date Analyzed: 11/27/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0711620

Lab ID	0711620-008A
Client ID	B-14
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	26	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	110	%SS2:	91
%SS3:	83		

Comments:

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

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

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

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

**McC Campbell Analytical, Inc.**

"When Quality Counts"

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

Environmental Investigation Services, In 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #707-3C; Cal Mac Transport	Date Sampled: 11/26/07
	Client Contact: Peter Littman	Date Received: 11/26/07
	Client P.O.:	Date Extracted: 11/27/07-11/28/07
		Date Analyzed 11/27/07-11/28/07

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

Extraction method SW5030B

Analytical methods SW8015Cm

Work Order: 0711620

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
004B	B-10	W	ND	1	93
006B	B-12	W	120,f	1	110

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	NA	NA

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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



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

Environmental Investigation Services, In
 170 Knowles Drive, Suite 212
 Los Gatos, CA 95032

Client Project ID: #707-3C; Cal Mac
 Transport

Client Contact: Peter Littman

Client P.O.:

Date Sampled: 11/26/07

Date Received: 11/26/07

Date Extracted: 11/27/07

Date Analyzed 11/28/07

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

Extraction method: SW3510C

Analytical methods: SW8015C

Work Order: 0711620

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0711620-004C	B-10	W	84,b	ND	1	115
0711620-006C	B-12	W	54,b	ND	1	99

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	NA	NA	mg/Kg

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

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

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



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0711620

EPA Method SW8260B	Extraction SW5030B			BatchID: 32071			Spiked Sample ID: 0711600-006B					
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	10	110	107	2.62	109	109	0	70 - 130	30	70 - 130	30
Benzene	ND	10	128	122	4.95	128	124	2.83	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	81.3	84.7	4.08	76.2	78.5	3.00	70 - 130	30	70 - 130	30
Chlorobenzene	ND	10	127	124	2.59	128	127	0.470	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	115	110	3.83	111	111	0	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	100	99.8	0.416	100	97.5	2.80	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	10	117	113	3.44	110	118	7.08	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	118	114	2.88	117	116	1.41	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	107	104	2.95	107	105	1.78	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	106	102	4.35	105	100	4.76	70 - 130	30	70 - 130	30
Toluene	ND	10	113	107	5.55	111	111	0	70 - 130	30	70 - 130	30
Trichloroethene	ND	10	113	104	8.03	112	107	5.25	70 - 130	30	70 - 130	30
%SS1:	109	10	97	97	0	100	96	3.29	70 - 130	30	70 - 130	30
%SS2:	93	10	91	90	1.25	91	91	0	70 - 130	30	70 - 130	30
%SS3:	85	10	90	90	0	91	93	1.71	70 - 130	30	70 - 130	30

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

NONE

BATCH 32071 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0711620-001A	11/26/07 3:18 PM	11/27/07	11/27/07 3:38 PM	0711620-002A	11/26/07 3:30 PM	11/27/07	11/27/07 4:30 PM
0711620-003A	11/26/07 3:40 PM	11/27/07	11/27/07 5:18 PM	0711620-004A	11/26/07 4:20 PM	11/27/07	11/27/07 6:04 PM
0711620-005A	11/26/07 4:10 PM	11/28/07	11/28/07 12:55 AM	0711620-006A	11/26/07 4:40 PM	11/28/07	11/28/07 1:41 AM
0711620-007A	11/26/07 4:55 PM	11/28/07	11/28/07 2:26 AM	0711620-008A	11/26/07 5:05 PM	11/27/07	11/27/07 11:24 PM

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

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

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

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

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

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0711620

Analyte	EPA Method SW8015Cm		Extraction SW5030B			BatchID: 32072			Spiked Sample ID: 0711601-008A			
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) [£]	ND	60	88.2	105	17.2	106	88.8	18.0	70 - 130	30	70 - 130	30
MTBE	ND	10	90.6	91.4	0.932	91.9	92.4	0.528	70 - 130	30	70 - 130	30
Benzene	ND	10	99.9	103	3.19	99.8	99.7	0.147	70 - 130	30	70 - 130	30
Toluene	ND	10	100	101	1.36	98.6	101	1.98	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	100	102	1.44	99.1	99.3	0.187	70 - 130	30	70 - 130	30
Xylenes	ND	30	95.3	95.7	0.349	91.3	91.7	0.364	70 - 130	30	70 - 130	30
%SS:	100	10	107	113	5.04	108	105	3.09	70 - 130	30	70 - 130	30

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

BATCH 32072 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0711620-004B	11/26/07 4:20 PM	11/27/07	11/27/07 6:53 PM	0711620-006B	11/26/07 4:40 PM	11/28/07	11/28/07 11:07 PM

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.



QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0711620

EPA Method SW8015C		Extraction SW3510C			BatchID: 32104			Spiked Sample ID: N/A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	N/A	1000	N/A	N/A	N/A	103	103	0	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	116	116	0	N/A	N/A	70 - 130	30

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

BATCH 32104 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0711620-004C	11/26/07 4:20 PM	11/27/07	11/28/07 10:59 PM	0711620-006C	11/26/07 4:40 PM	11/27/07	11/28/07 6:16 PM

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

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

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

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

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

Attachment D

Confirmation Soil Sample Laboratory Analytical Reports – B-10 and B-12



McC Campbell Analytical, Inc.

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1534 Willow Pass Road, Pittsburg, CA 94565-1701
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Telephone: 877-252-9262 Fax: 925-252-9269

Environmental Investigation Servi 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3E	Date Sampled: 12/07/07
		Date Received: 12/07/07
	Client Contact: Peter Littman	Date Reported: 12/10/07
	Client P.O.:	Date Completed: 12/10/07

WorkOrder: 0712254

December 10, 2007

Dear Peter:

Enclosed within are:

- 1) The results of the 9 analyzed samples from your project: #717-3E,
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

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

McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McC Campbell Analytical, Inc.

EIS 0712254



McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701

Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME

RUSH 24 HR 48 HR 72 HR 5 DAY

GeoTracker EDF PDF Excel Write On (DW)

Check if sample is effluent and "J" flag is required

Report To: Peter Littman Bill To: EIS
Company: Environmental Investigation Services
170 Knowles Drive
Los Gatos, CA 95032 E-Mail: plittman@eis1.net
Tele: (408) 871 1470 Fax: (408) 871 1520
Project #: 317-3E Project Name: Cal Mac Transportation
Project Location: 461 McGraw Livermore CA
Sampler Signature: [Signature]

Analysis Request

Other

Comments

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED								
		Date	Time			Water	Soil	Air	Sludge	Other	ICE	HCL	HNO ₃	Other					
B10-CS1		12/7/07	12:30	1	CS		X												
B10-CS2		"	12:35	1	"		X												
B10-CS3		"	12:40	1	"		X												
B10-CS4		"	12:45	1	"		X												
B10-CS5		"	12:48	1	"		X												
B10-CS6		"	12:52	1	"		X												
B10-CS7		"	12:56	1	"		X												
B10-CS8		"	1:00	1	"		X												
B10-CS9		"	1:04	1	"		X												

BTEX & TPH as Gas (602 / 8021 + 8015) / MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505 / 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's ONLY: Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic CI Herbicides)	EPA 504 / 804 (826) (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)
										X					
										X					
										X					
										X					
										X					
										X					
										X					
										X					

Filter Samples for Metals analysis: Yes / No

Relinquished By: [Signature] Date: 12/7/07 Time: 15:00 Received By: [Signature]
Relinquished By: [Signature] Date: 12/7/07 Time: 15:00 Received By: [Signature]
Relinquished By: [Signature] Date: 12/7/07 Time: 1917 Received By: [Signature]

ICE/° _____ COMMENTS:
GOOD CONDITION _____
HEAD SPACE ABSENT _____
DECHLORINATED IN LAB _____
APPROPRIATE CONTAINERS _____
PRESERVED IN LAB _____
VOAS O&G METALS OTHER
PRESERVATION pH<2

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
 Pittsburg, CA 94565-1701
 (925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0712254

ClientID: EISI

EDF Excel Fax Email HardCopy ThirdParty

Report to: Peter Littman Environmental Investigation Services, 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Email: plittman@eis1.net, jmorris@eis1.net TEL: (408) 871-1470 FAX: (408) 871-1520 ProjectNo: #717-3E PO:	Bill to: Barbar Environmental Investigation Services 170 Knowles Drive, Suite 212 Los Gatos, CA 95032 barbara@eis1.net	Requested TAT: 3 days Date Received: 12/07/2007 Date Printed: 12/09/2007
--	---	--	---

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
0712254-001	B10-CS1	Soil	12/07/07 12:30:00	<input type="checkbox"/>	A												
0712254-002	B10-CS2	Soil	12/07/07 12:35:00	<input type="checkbox"/>	A												
0712254-003	B10-CS3	Soil	12/07/07 12:40:00	<input type="checkbox"/>	A												
0712254-004	B10-CS4	Soil	12/07/07 12:45:00	<input type="checkbox"/>	A												
0712254-005	B10-CS5	Soil	12/07/07 12:48:00	<input type="checkbox"/>	A												
0712254-006	B10-CS6	Soil	12/07/07 12:52:00	<input type="checkbox"/>	A												
0712254-007	B10-CS7	Soil	12/07/07 12:56:00	<input type="checkbox"/>	A												
0712254-008	B10-CS8	Soil	12/07/07 1:00:00	<input type="checkbox"/>	A												
0712254-009	B10-CS9	Soil	12/07/07 1:04:00	<input type="checkbox"/>	A												

Test Legend:

1	8260B_S	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Nickole White

Comments:

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



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

Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3E	Date Sampled: 12/07/07
		Date Received: 12/07/07
	Client Contact: Peter Littman	Date Extracted: 12/07/07
	Client P.O.:	Date Analyzed 12/08/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712254

Lab ID	0712254-001A
Client ID	B10-CS1
Matrix	Soil

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

Surrogate Recoveries (%)

%SS1:	96	%SS2:	95
%SS3:	101		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3E	Date Sampled: 12/07/07
		Date Received: 12/07/07
	Client Contact: Peter Littman	Date Extracted: 12/07/07
	Client P.O.:	Date Analyzed 12/08/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712254

Lab ID	0712254-002A
Client ID	B10-CS2
Matrix	Soil

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

Surrogate Recoveries (%)

%SS1:	95	%SS2:	95
%SS3:	101		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3E	Date Sampled: 12/07/07
		Date Received: 12/07/07
	Client Contact: Peter Littman	Date Extracted: 12/07/07
	Client P.O.:	Date Analyzed 12/08/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712254

Lab ID	0712254-003A
Client ID	B10-CS3
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	0.012	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	96	%SS2:	95
%SS3:	107		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3E	Date Sampled: 12/07/07
		Date Received: 12/07/07
	Client Contact: Peter Littman	Date Extracted: 12/07/07
	Client P.O.:	Date Analyzed 12/09/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712254

Lab ID	0712254-004A
Client ID	B10-CS4
Matrix	Soil

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

Surrogate Recoveries (%)

%SS1:	96	%SS2:	95
%SS3:	109		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3E	Date Sampled: 12/07/07
		Date Received: 12/07/07
	Client Contact: Peter Littman	Date Extracted: 12/07/07
	Client P.O.:	Date Analyzed 12/09/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712254

Lab ID	0712254-005A
Client ID	B10-CS5
Matrix	Soil

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

Surrogate Recoveries (%)

%SS1:	96	%SS2:	95
%SS3:	107		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3E	Date Sampled: 12/07/07
		Date Received: 12/07/07
	Client Contact: Peter Littman	Date Extracted: 12/07/07
	Client P.O.:	Date Analyzed 12/09/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712254

Lab ID	0712254-006A
Client ID	B10-CS6
Matrix	Soil

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

Surrogate Recoveries (%)

%SS1:	96	%SS2:	96
%SS3:	109		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3E	Date Sampled: 12/07/07
		Date Received: 12/07/07
	Client Contact: Peter Littman	Date Extracted: 12/07/07
	Client P.O.:	Date Analyzed 12/09/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712254

Lab ID	0712254-007A
Client ID	B10-CS7
Matrix	Soil

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

Surrogate Recoveries (%)

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

Comments:

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

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

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

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



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Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3E	Date Sampled: 12/07/07
		Date Received: 12/07/07
	Client Contact: Peter Littman	Date Extracted: 12/07/07
	Client P.O.:	Date Analyzed 12/09/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712254

Lab ID	0712254-008A
Client ID	B10-CS8
Matrix	Soil

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

Surrogate Recoveries (%)

%SS1:	96	%SS2:	94
%SS3:	107		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3E	Date Sampled: 12/07/07
		Date Received: 12/07/07
	Client Contact: Peter Littman	Date Extracted: 12/07/07
	Client P.O.:	Date Analyzed 12/09/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712254

Lab ID	0712254-009A
Client ID	B10-CS9
Matrix	Soil

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

Surrogate Recoveries (%)

%SS1:	92	%SS2:	95
%SS3:	107		

Comments:

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

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

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

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



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0712254

EPA Method SW8260B	Extraction SW5030B			BatchID: 32380					Spiked Sample ID: 0712241-001A			
	Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)		
		mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD
tert-Amyl methyl ether (TAME)	ND	0.050	115	103	10.8	97.9	99.3	1.43	70 - 130	30	70 - 130	30
Benzene	ND	0.050	119	114	4.00	111	114	2.97	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	83.8	81.8	2.36	77	78.4	1.83	70 - 130	30	70 - 130	30
Chlorobenzene	ND	0.050	129	128	0.734	126	126	0	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	119	115	3.10	113	113	0	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	106	99.2	7.04	92.8	97.5	4.93	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	0.050	94.8	112	16.3	116	117	1.24	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	118	103	13.6	99	101	2.22	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	110	97.9	11.2	93.6	95.1	1.63	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	111	101	9.71	94.2	98.6	4.54	70 - 130	30	70 - 130	30
Toluene	ND	0.050	113	106	6.39	105	108	2.18	70 - 130	30	70 - 130	30
Trichloroethene	ND	0.050	117	104	12.4	102	105	3.27	70 - 130	30	70 - 130	30
%SS1:	94	0.050	103	98	5.24	95	97	1.82	70 - 130	30	70 - 130	30
%SS2:	81	0.050	90	91	0.731	91	92	0.688	70 - 130	30	70 - 130	30
%SS3:	107	0.050	88	90	1.58	90	88	1.53	70 - 130	30	70 - 130	30

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

NONE

BATCH 32380 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0712254-001A	12/07/07 12:30 PM	12/07/07	12/08/07 10:23 PM	0712254-002A	12/07/07 12:35 PM	12/07/07	12/08/07 11:09 PM
0712254-003A	12/07/07 12:40 PM	12/07/07	12/08/07 11:55 PM	0712254-004A	12/07/07 12:45 PM	12/07/07	12/09/07 12:42 AM
0712254-005A	12/07/07 12:48 PM	12/07/07	12/09/07 3:01 AM	0712254-006A	12/07/07 12:52 PM	12/07/07	12/09/07 3:48 AM
0712254-007A	12/07/07 12:56 PM	12/07/07	12/09/07 4:34 AM	0712254-008A	12/07/07 1:00 AM	12/07/07	12/09/07 5:20 AM
0712254-009A	12/07/07 1:04 AM	12/07/07	12/09/07 6:06 AM				

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

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

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

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

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
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Telephone: 877-252-9262 Fax: 925-252-9269

Environmental Investigation Servi 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3E	Date Sampled: 12/07/07
		Date Received: 12/07/07
	Client Contact: Peter Littman	Date Reported: 12/14/07
	Client P.O.:	Date Completed: 12/14/07

WorkOrder: 0712254

December 14, 2007

Dear Peter:

Enclosed within are:

- 1) The results of the 9 analyzed samples from your project: #717-3E,
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

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

McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McC Campbell Analytical, Inc.

EIS 0712254



McCAMPBELL ANALYTICAL, INC.
 1534 WILLOW PASS ROAD
 PITTSBURG, CA 94565-1701
 Website: www.mccampbell.com Email: main@mccampbell.com
 Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME
 RUSH 24 HR 48 HR 72 HR 5 DAY
 GeoTracker EDF PDF Excel Write On (DW)
 Check if sample is effluent and "J" flag is required

Report To: Peter Littman Bill To: EIS
 Company: Environmental Investigations Services
 170 Knowles Drive
 Los Gatos, CA 95032 E-Mail: plittman@eis1.net
 Tele: (408) 871 1470 Fax: (408) 871 1520
 Project #: 717-3E Project Name: Cal Mac Transport
 Project Location: 461 McGraw Livermore CA
 Sampler Signature: [Signature]

Analysis Request Other Comments

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED							
		Date	Time			Water	Soil	Air	Sludge	Other	ICE	HCL	HNO ₃	Other				
B10-CS1		12/7/07	12:30	1	CS	X												
B10-CS2		"	12:35	1	"	X												
B10-CS3		"	12:40	1	"	X												
B10-CS4		"	12:45	1	"	X												
B10-CS5		"	12:48	1	"	X												
B10-CS6		"	12:52	1	"	X												
B10-CS7		"	12:56	1	"	X												
B10-CS8		"	1:00	1	"	X												
B10-CS9		"	1:04	1	"	X												

BTEX & TPH as Gas (602 / 8021 + 8015) / MTBE																		
TPH as Diesel (8015) <i>McAG added 7/07</i>	X																	
Total Petroleum Oil & Grease (1664 / 5520 E/B&F)																		
Total Petroleum Hydrocarbons (418.1)																		
EPA 502.2 / 601 / 8010 / 8021 (HVOCs)																		
MTBE / BTEX ONLY (EPA 602 / 8021)																		
EPA 505/608 / 8081 (CI Pesticides)																		
EPA 608 / 8082 PCB'S ONLY; Aroclors / Congeners																		
EPA 807 / 8141 (NP Pesticides)																		
EPA 515 / 8151 (Acidic CI Herbicides)																		
EPA 8260 8260 (VOCs)																		
EPA 525.2 / 625 / 8270 (SVOCs)																		
EPA 8270 SIM / 8310 (PAHs / PNAS)																		
CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)																		
LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)																		
Lead (200.7 / 200.8 / 6010 / 6020)																		

Filter Samples for Metals analysis: Yes / No

Relinquished By: [Signature] Date: 12/7/07 Time: 15:00 Received By: [Signature]
 Relinquished By: [Signature] Date: 12/9/07 Time: 15:00 Received By: [Signature]
 Relinquished By: [Signature] Date: 10/7/07 Time: 1917 Received By: [Signature]

ICE/PC ✓
 GOOD CONDITION ✓
 HEAD SPACE ABSENT ✓
 DECHLORINATED IN LAB ✓
 APPROPRIATE CONTAINERS ✓
 PRESERVED IN LAB ✓
 VOAS O&G METALS OTHER
 PRESERVATION pH<2

McC Campbell Analytical, Inc.

1534 Willow Pass Rd
 Pittsburg, CA 94565-1701
 (925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 071225 **A** ClientID: EISI

EDF Excel Fax Email HardCopy ThirdParty

Report to:		Bill to:	Requested TAT: 3 days
Peter Littman	Email: plittman@eis1.net, katie@eis1.net	Barbar	Date Received: 12/07/2007
Environmental Investigation Services,	TEL: (408) 871-1470 FAX: (408) 871-1520	Environmental Investigation Services	Date Add-On: 12/12/2007
170 Knowles Drive, Suite 212	ProjectNo: #717-3E	170 Knowles Drive, Suite 212	Date Printed: 12/12/2007
Los Gatos, CA 95032	PO:	Los Gatos, CA 95032	
		barbara@eis1.net	

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
0712254-001	B10-CS1	Soil	12/7/07 12:30:00	<input type="checkbox"/>	A	A											
0712254-002	B10-CS2	Soil	12/7/07 12:35:00	<input type="checkbox"/>	A	A											
0712254-003	B10-CS3	Soil	12/7/07 12:40:00	<input type="checkbox"/>	A	A											
0712254-004	B10-CS4	Soil	12/7/07 12:45:00	<input type="checkbox"/>	A	A											
0712254-005	B10-CS5	Soil	12/7/07 12:48:00	<input type="checkbox"/>	A	A											
0712254-006	B10-CS6	Soil	12/7/07 12:52:00	<input type="checkbox"/>	A	A											
0712254-007	B10-CS7	Soil	12/7/07 12:56:00	<input type="checkbox"/>	A	A											
0712254-008	B10-CS8	Soil	12/7/07 1:00:00	<input type="checkbox"/>	A	A											
0712254-009	B10-CS9	Soil	12/7/07 1:04:00	<input type="checkbox"/>	A	A											

Test Legend:

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

Prepared by: Nickole White

Comments: TPH Multi Range added 12/12/07 72hr TAT per Fax- RV

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



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

Environmental Investigation Services, In 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3E	Date Sampled: 12/07/07
		Date Received: 12/07/07
	Client Contact: Peter Littman	Date Extracted: 12/12/07
	Client P.O.:	Date Analyzed 12/13/07

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

Extraction method: SW5030B

Analytical methods: SW8015Cm

Work Order: 0712254

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
001A	B10-CS1	S	ND	1	73
002A	B10-CS2	S	ND	1	76
003A	B10-CS3	S	ND	1	72
004A	B10-CS4	S	ND	1	74
005A	B10-CS5	S	ND	1	76
006A	B10-CS6	S	ND	1	74
007A	B10-CS7	S	ND	1	75
008A	B10-CS8	S	ND	1	76
009A	B10-CS9	S	ND	1	74

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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



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

Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3E	Date Sampled: 12/07/07
		Date Received: 12/07/07
	Client Contact: Peter Littman	Date Extracted: 12/12/07
	Client P.O.:	Date Analyzed: 12/13/07-12/14/07

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

Extraction method: SW3550C

Analytical methods: SW8015C

Work Order: 0712254

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0712254-001A	B10-CS1	S	ND	ND	1	99
0712254-002A	B10-CS2	S	2.0,a	ND	1	117
0712254-003A	B10-CS3	S	ND	ND	1	99
0712254-004A	B10-CS4	S	ND	ND	1	82
0712254-005A	B10-CS5	S	ND	ND	1	92
0712254-006A	B10-CS6	S	ND	ND	1	101
0712254-007A	B10-CS7	S	ND	ND	1	100
0712254-008A	B10-CS8	S	ND	ND	1	108
0712254-009A	B10-CS9	S	2.6,a	ND	1	108

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

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

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

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



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0712254

EPA Method SW8021B/8015Cm	Extraction SW5030B			BatchID: 32371			Spiked Sample ID: 0712230-001A					
	Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) [£]	ND	0.60	106	110	4.54	113	110	2.43	70 - 130	30	70 - 130	30
MTBE	ND	0.10	95.3	101	5.95	107	107	0	70 - 130	30	70 - 130	30
Benzene	ND	0.10	86.9	93.2	6.99	104	107	3.03	70 - 130	30	70 - 130	30
Toluene	ND	0.10	81.8	86.8	5.75	102	105	3.33	70 - 130	30	70 - 130	30
Ethylbenzene	ND	0.10	102	107	4.85	108	112	3.20	70 - 130	30	70 - 130	30
Xylenes	ND	0.30	96.7	107	9.84	120	123	2.74	70 - 130	30	70 - 130	30
%SS:	74	0.10	102	93	9.22	102	108	5.07	70 - 130	30	70 - 130	30

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

BATCH 32371 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0712254-001A	12/07/07 12:30 PM	12/12/07	12/13/07 3:20 AM				

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0712254

EPA Method SW8021B/8015Cm		Extraction SW5030B			BatchID: 32474			Spiked Sample ID: 0712347-001A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) [£]	ND	0.60	125	116	7.80	114	110	4.11	70 - 130	30	70 - 130	30
MTBE	ND	0.10	81.3	83.5	2.73	81.3	82.4	1.42	70 - 130	30	70 - 130	30
Benzene	ND	0.10	94	83.1	12.3	93.6	93.4	0.133	70 - 130	30	70 - 130	30
Toluene	ND	0.10	109	96.7	12.3	108	108	0	70 - 130	30	70 - 130	30
Ethylbenzene	ND	0.10	105	92.4	13.3	102	102	0	70 - 130	30	70 - 130	30
Xylenes	ND	0.30	117	100	15.4	113	113	0	70 - 130	30	70 - 130	30
%SS:	75	0.10	87	83	5.73	93	92	0.199	70 - 130	30	70 - 130	30

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

BATCH 32474 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0712254-002A	12/07/07 12:35 PM	12/12/07	12/13/07 3:50 AM	0712254-003A	12/07/07 12:40 PM	12/12/07	12/13/07 4:21 AM
0712254-004A	12/07/07 12:45 PM	12/12/07	12/13/07 4:51 AM	0712254-005A	12/07/07 12:48 PM	12/12/07	12/13/07 5:21 AM
0712254-006A	12/07/07 12:52 PM	12/12/07	12/13/07 5:51 AM	0712254-007A	12/07/07 12:56 PM	12/12/07	12/13/07 6:21 AM
0712254-008A	12/07/07 1:00 AM	12/12/07	12/13/07 6:51 AM				

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0712254

EPA Method SW8021B/8015Cm	Extraction SW5030B			BatchID: 32504			Spiked Sample ID: 0712254-009A					
	Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) [£]	ND	0.60	104	101	3.05	91.5	95.9	4.69	70 - 130	30	70 - 130	30
MTBE	ND	0.10	85.6	93.5	8.83	77.8	85.9	9.95	70 - 130	30	70 - 130	30
Benzene	ND	0.10	85.7	86.5	0.923	83	90	8.08	70 - 130	30	70 - 130	30
Toluene	ND	0.10	81.2	81.8	0.704	80.9	87.1	7.36	70 - 130	30	70 - 130	30
Ethylbenzene	ND	0.10	98.3	98.1	0.131	95.3	102	7.07	70 - 130	30	70 - 130	30
Xylenes	ND	0.30	93	96	3.17	90.3	95.7	5.73	70 - 130	30	70 - 130	30
%SS:	74	0.10	87	84	3.69	88	80	8.50	70 - 130	30	70 - 130	30

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

BATCH 32504 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0712254-009A	12/07/07 1:04 AM	12/12/07	12/13/07 7:21 AM				

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.



QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0712254

EPA Method SW8015C		Extraction SW3550C			BatchID: 32464			Spiked Sample ID: 0712323-001A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	ND	20	106	105	0.493	108	108	0	70 - 130	30	70 - 130	30
%SS:	98	50	99	98	0.698	127	128	0.446	70 - 130	30	70 - 130	30

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

BATCH 32464 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0712254-001A	12/07/07 12:30 PM	12/12/07	12/13/07 6:59 PM				

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

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

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

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

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



QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0712254

EPA Method SW8015C	Extraction SW3550C			BatchID: 32502			Spiked Sample ID: 0712254-002A					
	Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	2.0	20	104	104	0	113	113	0	70 - 130	30	70 - 130	30
%SS:	117	50	130	130	0	129	126	2.19	70 - 130	30	70 - 130	30

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

BATCH 32502 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0712254-002A	12/07/07 12:35 PM	12/12/07	12/13/07 2:57 AM	0712254-003A	12/07/07 12:40 PM	12/12/07	12/13/07 8:11 PM
0712254-004A	12/07/07 12:45 PM	12/12/07	12/14/07 12:55 PM	0712254-005A	12/07/07 12:48 PM	12/12/07	12/13/07 10:35 PM
0712254-006A	12/07/07 12:52 PM	12/12/07	12/13/07 6:59 PM	0712254-007A	12/07/07 12:56 PM	12/12/07	12/13/07 8:11 PM
0712254-008A	12/07/07 1:00 AM	12/12/07	12/13/07 10:35 PM	0712254-009A	12/07/07 1:04 AM	12/12/07	12/13/07 11:44 PM

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

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

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

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

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



McC Campbell Analytical, Inc.

"When Quality Counts"

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

Environmental Investigation Servi 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3E	Date Sampled: 12/07/07
		Date Received: 12/07/07
	Client Contact: Peter Littman	Date Reported: 12/14/07
	Client P.O.:	Date Completed: 12/14/07

WorkOrder: 0712256

December 14, 2007

Dear Peter:

Enclosed within are:

- 1) The results of the 5 analyzed samples from your project: #717-3E,
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

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

McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McC Campbell Analytical, Inc.

EIS 071225p



McCAMPBELL ANALYTICAL, INC.
 1534 WILLOW PASS ROAD
 PITTSBURG, CA 94565-1701
 Website: www.mccampbell.com Email: main@mccampbell.com
 Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME

GeoTracker EDF

PDF

Excel

Write On (DW)

Check if sample is effluent and "J" flag is required

RUSH 24 HR 48 HR 72 HR 5 DAY

Report To: Peter Littman Bill To: EIS
 Company: Environmental Investigation Services
170 Knowles Drive
Los Gatos CA E-Mail: plittman@eis2.net
 Tele: (408) 871 1470 Fax: (408) 871 1520
 Project #: 717-3E Project Name: Col Mae Pump-out
 Project Location: 461 McGraw Livermore CA
 Sampler Signature: [Signature]

Analysis Request

Other

Comments

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED				Analysis Request	Other	Comments
		Date	Time			Water	Soil	Air	Sludge	Other	ICE	HCL	HNO ₃	Other			
B12-CS1		12/07	14:22	1	55	X											Filter Samples for Metals analysis: Yes / No
B12-CS2		"	14:28	1	11	X											
B12-CS3		"	14:32	1	4	X											
B12-CS4		"	14:35	1	6	X											
B12-CS5		"	14:38	1	4	X											
B12-CS6					#	X											

BTEX & TPH as Gas (602 / 8021 + 8015) / MTBE	
TPH as Diesel (8015), NC EG added 12/12/07	X
Total Petroleum Oil & Grease (1664 / 5520 E&B&F)	X
Total Petroleum Hydrocarbons (418.1)	X
EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	X
MTBE / BTEX ONLY (EPA 602 / 8021)	X
EPA 505/608 / 8081 (CI Pesticides)	X
EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	X
EPA 507 / 8141 (NP Pesticides)	X
EPA 515 / 8151 (Acidic CI Herbicides)	X
EPA 505/608/8081/8260 (VOCs)	X
EPA 525.2 / 625 / 8270 (SVOCs)	X
EPA 8270 SIM / 8310 (PAHs / PNAs)	X
CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	X
LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	X
Lead (200.7 / 200.8 / 6010 / 6020)	X

Relinquished By: [Signature] Date: 12/7 Time: 15:00 Received By: [Signature]
 Relinquished By: [Signature] Date: 12/7 Time: 16:00 Received By: [Signature]
 Relinquished By: [Signature] Date: 12/7/06 Time: 19:17 Received By: [Signature]

ICE # 110
 COMMENTS:
 GOOD CONDITION _____
 HEAD SPACE ABSENT _____
 DECHLORINATED IN LAB _____
 APPROPRIATE CONTAINERS _____
 PRESERVED IN LAB _____
 VOAS O&G METALS OTHER
 PRESERVATION pH<2

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
 Pittsburg, CA 94565-1701
 (925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 071225 **A** ClientID: EISI

EDF Excel Fax Email HardCopy ThirdParty

Report to:

Peter Littman
 Environmental Investigation Services,
 170 Knowles Drive, Suite 212
 Los Gatos, CA 95032

Email: plittman@eis1.net, katie@eis1.net
 TEL: (408) 871-1470 FAX: (408) 871-1520
 ProjectNo: #717-3E
 PO:

Bill to:

Barbar
 Environmental Investigation Services
 170 Knowles Drive, Suite 212
 Los Gatos, CA 95032
 barbara@eis1.net

Requested TAT: 3 days

Date Received: 12/07/2007

Date Add-On: 12/12/2007

Date Printed: 12/12/2007

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
0712256-001	B12-CS1	Soil	12/7/07 2:22:00	<input type="checkbox"/>	A	A											
0712256-002	B12-CS2	Soil	12/7/07 2:28:00	<input type="checkbox"/>	A	A											
0712256-003	B12-CS3	Soil	12/7/07 2:32:00	<input type="checkbox"/>	A	A											
0712256-004	B12-CS4	Soil	12/7/07 2:35:00	<input type="checkbox"/>	A	A											
0712256-005	B12-CS5	Soil	12/7/07 2:38:00	<input type="checkbox"/>	A	A											

Test Legend:

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

Prepared by: Nickole White

Comments: TPH Multi Range added 12/12/07 72hr TAT per Fax- RV

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



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder 0712256

Analyte	EPA Method SW8015Cm		Extraction SW5030B			BatchID: 32504			Spiked Sample ID: 0712254-009A			
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) [£]	ND	0.60	104	101	3.05	91.5	95.9	4.69	70 - 130	30	70 - 130	30
MTBE	ND	0.10	85.6	93.5	8.83	77.8	85.9	9.95	70 - 130	30	70 - 130	30
Benzene	ND	0.10	85.7	86.5	0.923	83	90	8.08	70 - 130	30	70 - 130	30
Toluene	ND	0.10	81.2	81.8	0.704	80.9	87.1	7.36	70 - 130	30	70 - 130	30
Ethylbenzene	ND	0.10	98.3	98.1	0.131	95.3	102	7.07	70 - 130	30	70 - 130	30
Xylenes	ND	0.30	93	96	3.17	90.3	95.7	5.73	70 - 130	30	70 - 130	30
%SS:	74	0.10	87	84	3.69	88	80	8.50	70 - 130	30	70 - 130	30

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

BATCH 32504 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0712256-001A	12/07/07 2:22 PM	12/12/07	12/13/07 7:52 AM	0712256-002A	12/07/07 2:28 PM	12/12/07	12/13/07 8:22 AM
0712256-003A	12/07/07 2:32 PM	12/12/07	12/13/07 8:52 AM	0712256-004A	12/07/07 2:35 PM	12/12/07	12/13/07 9:22 AM
0712256-005A	12/07/07 2:38 PM	12/12/07	12/13/07 9:53 AM				

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.



QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder 0712256

EPA Method SW8015C		Extraction SW3550C			BatchID: 32502			Spiked Sample ID: 0712254-002A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	2.0	20	104	104	0	113	113	0	70 - 130	30	70 - 130	30
%SS:	117	50	130	130	0	129	126	2.19	70 - 130	30	70 - 130	30

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

BATCH 32502 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0712256-001A	12/07/07 2:22 PM	12/12/07	12/14/07 12:52 AM	0712256-002A	12/07/07 2:28 PM	12/12/07	12/13/07 8:18 PM
0712256-003A	12/07/07 2:32 PM	12/12/07	12/13/07 9:27 PM	0712256-004A	12/07/07 2:35 PM	12/12/07	12/13/07 10:35 PM
0712256-005A	12/07/07 2:38 PM	12/12/07	12/13/07 11:44 PM				

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

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

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

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

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

Attachment E
Groundwater and Grab Groundwater Sampling Field Sheets

Environmental Investigation Services, Inc.



GROUNDWATER SAMPLING RECORD

Well ID: MW-1

Project Information

Project Name: Cal Mac Trans
 Site Address: 461 MacGraw Av
 Project Number: 717-3D

Date: 1/27/07
 Field Personnel: Panindhar + Emlyn

Well Information

Well Diameter: 2 inches
 Depth to Water: 9.92 feet
 Product Thickness: — feet
 Total Depth: 19.40 feet
 Length of Water Column: 9.48 feet
 Well Volume: 1.50 gallons
 80% Recharge Depth: 11.82 feet

Time Measured: 11:36
 Time Measured: —
 Time Measured: 11:38
 Sheen: —
 Purge Method: Submersible Pump

Field Measurements and Observations

Time	Depth to Water (feet)	Volume Purged (gallons)	Temp. (°C)	pH	Cond. (µS/cm)	Turbidity (NTU)	Color	Sheen	Odor
10:44	9.92	1.50	19.5	7.96	1297	low	—	—	—
12:00	—	1.50	19.2	7.98	1432	"	—	—	—
12:03	—	1.50	19.1	7.9	1458	"	light brn	—	—
12:04	12.85	1.50	19.1	7.98	1449	med	" Brown	—	—

Total Purge Volume: 6.00 gallons

Sample Information

Sample ID: MW-1 Sample Time: 12:26
 Sampling Method: Disposable Bailern Sampled By: Panindhar. K
 Sample Containers (number/type): Emlyn. S

One 16 Amber + One 250 ml Plastic + 4 VOA

Notes

Environmental Investigation Services, Inc.



GROUNDWATER SAMPLING RECORD

Well ID: MW-2

Project Information

Project Name: Cal Mac Transportation Date: 11/27/07
 Site Address: 461 MacGran Avenue Field Personnel: Parindhar + Emlyn
 Project Number: 717-3D Livermore, California

Well Information

Well Diameter: 2 inches
 Depth to Water: 11.19 feet Time Measured: 1:06 PM
 Product Thickness: - feet Time Measured: -
 Total Depth: 19.52 feet Time Measured: 1:07 PM
 Length of Water Column: 8.33 feet
 Well Volume: 1.33 gallons Sheen: -
 80% Recharge Depth: 12.85 feet Purge Method: Submersible Pump

Field Measurements and Observations

Time	Depth to Water (feet)	Volume Purged (gallons)	Temp. (°C)	pH	Cond. (µS/cm)	Turbidity (NTU)	Color	Sheen	Odor
1:14	11.19	1.50	19.6	-	1443	low	light brown	-	-
1:17	-	"	20.0	-	1445	"	"	-	-
1:30	-	"	19.8	-	1452	medium	dark brown	-	-
1:34	12.25	"	19.6	-	1453	"	"	-	-

Total Purge Volume: 6.00 gallons

Sample Information

Sample ID: MW-2 Sample Time: 1:34
 Sampling Method: Disposable Bailers Sampled By: Parindhar.K + Emlyn.S.
 Sample Containers (number/type): one 1L Amber Bottle + one 250ml plastic + 4 VOA's

Notes

Environmental Investigation Services, Inc.



GROUNDWATER SAMPLING RECORD

Well ID: MW-3

Project Information

Project Name: Cal Mac Transportation Date: 11/27/07
 Site Address: 461 MacGraw Av, Livermore Field Personnel: Parinakar Krishnamraju
 Project Number: 717-3D California Emlyn Stokes

Well Information

Well Diameter: 2 inches
 Depth to Water: 11.22 feet Time Measured: 1:48
 Product Thickness: - feet Time Measured: -
 Total Depth: 19.81 feet Time Measured: 1:49
 Length of Water Column: 8.59 feet
 Well Volume: 1.46 gallons Sheen: -
 80% Recharge Depth: 12.93 feet Purge Method: Submergible Pump

Field Measurements and Observations

Time	Depth to Water (feet)	Volume Purged (gallons)	Temp. (°C)	pH	Cond. (µS/cm)	Turbidity (NTU)	Color	Sheen	Odor
1:50	11.22	1.5	20.5	-	1774	low	light brn	-	-
1:54		"	20.3	-	1730	low	"	-	-
1:57		"	20.3	-	1725	low	"	-	-
1:59	dry	-	-	-	-	-	"	-	-
2:03	14.00	1.5	20.1	-	1724	low	"	-	-
2:07	12.51								

Total Purge Volume: 6.00 gallons

Sample Information

Sample ID: MW-3 Sample Time: 2:10
 Sampling Method: Disposable Bailers Sampled By: Parinakar K +
 Sample Containers (number/type): Emlyn S.
 One 1 Lt Amber bottle + One 250 ml Plastic + 4 NOA'S

Notes

Environmental Investigation Services, Inc.



GROUNDWATER SAMPLING RECORD

Well ID: B-15

Project Information

Project Name: Cal Mac Transportation Date: 12/06/07
 Site Address: 461 McCraw Livermore CA Field Personnel: Pin + Em
 Project Number: 717-3F

Well Information

Well Diameter: 3/4 inches
 Depth to Water: 10.45 feet Time Measured: 3 28
 Product Thickness: - feet Time Measured: -
 Total Depth: 19.51 feet Time Measured: 3 30
 Length of Water Column: - feet
 Well Volume: - gallons Sheen: -
 80% Recharge Depth: - feet Purge Method: -

Field Measurements and Observations

Time	Depth to Water (feet)	Volume Purged (gallons)	Temp. (°C)	pH	Cond. (μS/cm)	Turbidity (NTU)	Color	Sheen	Odor

Total Purge Volume: _____ gallons

Sample Information

Sample ID: B-15 Sample Time: 3 30
 Sampling Method: Disposable Bailor Sampled By: Pin + Em
 Sample Containers (number/type): 4 VOAs

Notes

Environmental Investigation Services, Inc.



GROUNDWATER SAMPLING RECORD

Well ID: B-16

Project Information

Project Name: 717-3E Date: 12/6/07
 Site Address: 461 Malbrough Av, Elm Field Personnel: Panjinder + Enbr
 Project Number: Cal Mail Transcripts
 717-3E

Well Information

Well Diameter: 314 inches
 Depth to Water: 15.49^{ft} feet Time Measured: 938
 Product Thickness: - feet Time Measured:
 Total Depth: 19.41 feet Time Measured: 940
 Length of Water Column: - feet
 Well Volume: - gallons Sheen: -
 80% Recharge Depth: - feet Purge Method: -

Field Measurements and Observations

Time	Depth to Water (feet)	Volume Purged (gallons)	Temp. (°C)	pH	Cond. (µS/cm)	Turbidity (NTU)	Color	Sheen	Odor
Grab Sample									

Total Purge Volume: _____ gallons

Sample Information

Sample ID: B-16 Sample Time: 10:01
 Sampling Method: Disposable Bailers Sampled By: Pan + En
 Sample Containers (number/type): ~~one 1L Amber~~
 4 VOA's

Notes

Environmental Investigation Services, Inc.



GROUNDWATER SAMPLING RECORD

Well ID: B-17

Project Information

Project Name: Cal Mac Transm Date: 12/6/2007
 Site Address: 461 MacGraw, Lincoln Field Personnel: Rabindra + Emlyn
 Project Number: 717-3E

Well Information

Well Diameter: 8 1/4 inches
 Depth to Water: 121.58 feet Time Measured: 10:00
 Product Thickness: - feet Time Measured: -
 Total Depth: 19.45 feet Time Measured: 10:01
 Length of Water Column: - feet
 Well Volume: - gallons Sheen: -
 80% Recharge Depth: - feet Purge Method: -

Field Measurements and Observations

Time	Depth to Water (feet)	Volume Purged (gallons)	Temp. (°C)	pH	Cond. (µS/cm)	Turbidity (NTU)	Color	Sheen	Odor

grab sample

Total Purge Volume: _____ gallons

Sample Information

Sample ID: B-17 Sample Time: 10:18
 Sampling Method: Disposable Baiters Sampled By: Ran + Em
 Sample Containers (number/type): 4 VOA's

Notes

Environmental Investigation Services, Inc.



GROUNDWATER SAMPLING RECORD

Well ID: B-18

Project Information

Project Name: Cal Mail Transfer Date: 12/6/07
 Site Address: 461 Mc Gray, Livermore Field Personnel: Panindhor
 Project Number: 717-3E Emlyn

Well Information

Well Diameter: 3/4 inches
 Depth to Water: 13.79 feet Time Measured: 10:42
 Product Thickness: - feet Time Measured: -
 Total Depth: 19.45 feet Time Measured: 10:43
 Length of Water Column: - feet
 Well Volume: - gallons Sheen: -
 80% Recharge Depth: - feet Purge Method: -

Field Measurements and Observations

Time	Depth to Water (feet)	Volume Purged (gallons)	Temp. (°C)	pH	Cond. (µS/cm)	Turbidity (NTU)	Color	Sheen	Odor

— Grab Sample —

Total Purge Volume: _____ gallons

Sample Information

Sample ID: B-18 Sample Time: 11:01
 Sampling Method: Disposable Bailers Sampled By: Pan + Em
 Sample Containers (number/type): 4 VOAs

Notes

Environmental Investigation Services, Inc.



GROUNDWATER SAMPLING RECORD

Well ID: B-21

Project Information

Project Name: Cal Mac Transportation
 Date: 12/6/07
 Site Address: 461 McGraw Livermore CA
 Field Personnel: Pareshwar
 Project Number: 717-3E
 Emlyn

Well Information

Well Diameter: 3/4 inches
 Depth to Water: 18.61 feet
 Product Thickness: - feet
 Total Depth: 19.50 feet
 Length of Water Column: feet
 Well Volume: gallons
 80% Recharge Depth: feet
 Time Measured: 12:14
 Time Measured: -
 Time Measured: 12:18
 Sheen: -
 Purge Method: -

Field Measurements and Observations

Time	Depth to Water (feet)	Volume Purged (gallons)	Temp. (°C)	pH	Cond. (µS/cm)	Turbidity (NTU)	Color	Sheen	Odor
Grab sampling									

Total Purge Volume: _____ gallons

Sample Information

Sample ID: B-21
 Sample Time: 12:35
 Sampling Method: Disposable Ballers
 Sampled By: Pan + Em
 Sample Containers (number/type): 3 VADs

Notes

Environmental Investigation Services, Inc.



GROUNDWATER SAMPLING RECORD

Well ID: B-22

Project Information

Project Name: Cal Mac Transportation Date: 12/06/07
 Site Address: 461 McGraw Livermore CA Field Personnel: Pat + Em
 Project Number: 717-3E

Well Information

Well Diameter: 3/4" inches
 Depth to Water: 12.85 feet Time Measured: 2:48
 Product Thickness: _____ feet Time Measured: _____
 Total Depth: 19.50 feet Time Measured: 2:50
 Length of Water Column: - feet
 Well Volume: _____ gallons Sheen: _____
 80% Recharge Depth: _____ feet Purge Method: _____

Field Measurements and Observations

Time	Depth to Water (feet)	Volume Purged (gallons)	Temp. (°C)	pH	Cond. (µS/cm)	Turbidity (NTU)	Color	Sheen	Odor

grab sample

Total Purge Volume: _____ gallons

Sample Information

Sample ID: B-22 Sample Time: 2:50
 Sampling Method: Disposable Baiters Sampled By: Pat + Em
 Sample Containers (number/type): 4 vials

Notes

Environmental Investigation Services, Inc.



GROUNDWATER SAMPLING RECORD

Well ID: B-23

Project Information

Project Name: Cal Mac Transportation Date: 12/06/07
 Site Address: 461 McGraw Ave Livermore Field Personnel: Pat + Em
 Project Number: 717-3E

Well Information

Well Diameter: 3.14 inches
 Depth to Water: 12.18 feet Time Measured: 2 26
 Product Thickness: — feet Time Measured: —
 Total Depth: 19.45 feet Time Measured: 2 28
 Length of Water Column: 7.27 feet
 Well Volume: — gallons Sheen: —
 80% Recharge Depth: — feet Purge Method: —

Field Measurements and Observations

Time	Depth to Water (feet)	Volume Purged (gallons)	Temp. (°C)	pH	Cond. (µS/cm)	Turbidity (NTU)	Color	Sheen	Odor

grab sample

Total Purge Volume: _____ gallons

Sample Information

Sample ID: B-23 Sample Time: 2 33
 Sampling Method: Disposable bailers Sampled By: Pat + Em
 Sample Containers (number/type): 4 VOAS

Notes

Environmental Investigation Services, Inc.



GROUNDWATER SAMPLING RECORD

Well ID: B-24

Project Information	
Project Name: <u>Cal Mac Transportation</u>	Date: <u>12/6/07</u>
Site Address: <u>461 McBraw Livermore CA</u>	Field Personnel: <u>Pan + Emlyn</u>
Project Number: <u>717-3E</u>	

Well Information	
Well Diameter: <u>3/4</u>	inches
Depth to Water: <u>11.87</u>	feet
Product Thickness: <u>-</u>	feet
Total Depth: <u>19.49</u>	feet
Length of Water Column: <u>-</u>	feet
Well Volume: <u>-</u>	gallons
80% Recharge Depth: <u>-</u>	feet
Time Measured: <u>2:02</u>	
Time Measured: <u>-</u>	
Time Measured: <u>2:03</u>	
Sheen: <u>-</u>	
Purge Method: <u>-</u>	

Field Measurements and Observations									
Time	Depth to Water (feet)	Volume Purged (gallons)	Temp. (°C)	pH	Cond. (µS/cm)	Turbidity (NTU)	Color	Sheen	Odor

Total Purge Volume: _____ gallons

Sample Information	
Sample ID: <u>B-24</u>	Sample Time: <u>2:05</u>
Sampling Method: <u>Disposable Bailers</u>	Sampled By: <u>Pan + Em</u>
Sample Containers (number/type): <u>4 VOA's</u>	

Notes

Environmental Investigation Services, Inc.



GROUNDWATER SAMPLING RECORD

Well ID: B-27

Project Information

Project Name: Cal Mac Transportation Date: 12/06/07
 Site Address: 461 McGraw Livermore CA Field Personnel: Pan + Em
 Project Number: 717-3E

Well Information

Well Diameter: 3/4 inches
 Depth to Water: 12:10 feet Time Measured: 14:17
 Product Thickness: - feet Time Measured:
 Total Depth: 19:50 feet Time Measured: 16:18
 Length of Water Column: feet
 Well Volume: gallons Sheen: -
 80% Recharge Depth: feet Purge Method: -

Field Measurements and Observations

Time	Depth to Water (feet)	Volume Purged (gallons)	Temp. (°C)	pH	Cond. (µS/cm)	Turbidity (NTU)	Color	Sheen	Odor
<i>Grab Sample</i>									

Total Purge Volume: _____ gallons

Sample Information

Sample ID: B-27 Sample Time: 2:20
 Sampling Method: Disposable Bailers Sampled By: Pan + Em
 Sample Containers (number/type): 4 VOLS

Notes

Environmental Investigation Services, Inc.



GROUNDWATER SAMPLING RECORD

Well ID: B-28

Project Information

Project Name: Col Mac Tramm Date: 12/6/07
 Site Address: 461 MP Green, Liverm Field Personnel: Prindler +
 Project Number: 717-3E Emery

Well Information

Well Diameter: 5 1/4 inches
 Depth to Water: 19:14 feet Time Measured: 11:19
 Product Thickness: - feet Time Measured:
 Total Depth: 19:45 feet Time Measured: 11:20
 Length of Water Column: feet
 Well Volume: gallons Sheen: -
 80% Recharge Depth: feet Purge Method: -

Field Measurements and Observations

Time	Depth to Water (feet)	Volume Purged (gallons)	Temp. (°C)	pH	Cond. (µS/cm)	Turbidity (NTU)	Color	Sheen	Odor
<u>Good Sampling</u>									

Total Purge Volume: _____ gallons

Sample Information

Sample ID: B-28 Sample Time: 3:50
 Sampling Method: Disposable Bailers Sampled By: Pr + Em
 Sample Containers (number/type): 3 VAS

Notes

Environmental Investigation Services, Inc.



GROUNDWATER SAMPLING RECORD

Well ID: B-30B @ 20'

Project Information

Project Name: Cal Mac Trans
Site Address: 461 McGraw Livermore
Project Number: 717-36

Date: 12/18
Field Personnel: Emlyn

Well Information

Well Diameter: 3/4" inches
Depth to Water: 11.75 feet
Product Thickness: — feet
Total Depth: 19.85 feet
Length of Water Column: 8.1 feet
Well Volume: — gallons
80% Recharge Depth: — feet

Time Measured: 1336
Time Measured: —
Time Measured: 1338
Sheen: —
Purge Method: —

Field Measurements and Observations

Time	Depth to Water (feet)	Volume Purged (gallons)	Temp. (°C)	pH	Cond. (µS/cm)	Turbidity (NTU)	Color	Sheen	Odor
<i>Sample only</i>									

Total Purge Volume: _____ gallons

Sample Information

Sample ID: B-30B @ 20'
Sampling Method: disposable bailer
Sample Containers (number/type): 2 VAS

Sample Time: 1345
Sampled By: Emlyn

Notes

Environmental Investigation Services, Inc.



GROUNDWATER SAMPLING RECORD

Well ID: B-32

Project Information

Project Name: Cal Mac Trans. Date: 12/18
 Site Address: 461 McGraw Livermore CA Field Personnel: Erlyn
 Project Number: 717-36

Well Information

Well Diameter: 3/40 inches
 Depth to Water: 6.55 feet Time Measured: 12:00
 Product Thickness: — feet Time Measured: —
 Total Depth: 19.8 feet Time Measured: 12:02
 Length of Water Column: 13.25 feet
 Well Volume: _____ gallons Sheen: —
 80% Recharge Depth: _____ feet Purge Method: —

Field Measurements and Observations

Time	Depth to Water (feet)	Volume Purged (gallons)	Temp. (°C)	pH	Cond. (µS/cm)	Turbidity (NTU)	Color	Sheen	Odor

sample only

Total Purge Volume: _____ gallons

Sample Information

Sample ID: B-32 Sample Time: 12:06
 Sampling Method: disposable bailer Sampled By: Erlyn
 Sample Containers (number/type): 2 VOAs

Notes

Environmental Investigation Services, Inc.



GROUNDWATER SAMPLING RECORD

Well ID: B-33

Project Information

Project Name: (a) Mac Trans Date: 12/18/07
 Site Address: 466 McGowan Livermore CA Field Personnel: Emlyn
 Project Number: 717-36

Well Information

Well Diameter: 3/4" inches
 Depth to Water: 11.0 feet Time Measured: 1145
 Product Thickness: — feet Time Measured: —
 Total Depth: 19.9 feet Time Measured: 1147
 Length of Water Column: 8.9 feet
 Well Volume: _____ gallons Sheen: —
 80% Recharge Depth: _____ feet Purge Method: ✓

Field Measurements and Observations

Time	Depth to Water (feet)	Volume Purged (gallons)	Temp. (°C)	pH	Cond. (µS/cm)	Turbidity (NTU)	Color	Sheen	Odor
<i>Sample only</i>									

Total Purge Volume: _____ gallons

Sample Information

Sample ID: B-33 Sample Time: 1155
 Sampling Method: disposable bailer Sampled By: Emlyn
 Sample Containers (number/type): 2 VOAs

Notes

Environmental Investigation Services, Inc.



GROUNDWATER SAMPLING RECORD

Well ID: B-34

Project Information

Project Name: Cal Mac Transportation
 Site Address: 461 McGraw Livermore
 Project Number: 717-36

Date: 12/18
 Field Personnel: Emlyn

Well Information

Well Diameter: 3/4" inches
 Depth to Water: 7.3 feet
 Product Thickness: — feet
 Total Depth: 13.4 feet
 Length of Water Column: 6.1 feet
 Well Volume: _____ gallons
 80% Recharge Depth: _____ feet

Time Measured: 11:26
 Time Measured: —
 Time Measured: 11:28
 Sheen: —
 Purge Method: —

Field Measurements and Observations

Time	Depth to Water (feet)	Volume Purged (gallons)	Temp. (°C)	pH	Cond. (µS/cm)	Turbidity (NTU)	Color	Sheen	Odor

Sample only

Total Purge Volume: _____ gallons

Sample Information

Sample ID: B-34
 Sampling Method: disposable bailer
 Sample Containers (number/type): 2 VOAS

Sample Time: 11:30
 Sampled By: Emlyn

Notes

W

Environmental Investigation Services, Inc.



GROUNDWATER SAMPLING RECORD

Well ID: B-35

Project Information

Project Name: Cal Mac Trans. Date: 12/18
 Site Address: 461 McGraw Livermore Ct Field Personnel: Emlyn
 Project Number: 717-36

Well Information

Well Diameter: 1" inches
 Depth to Water: 11.8 feet Time Measured: 12 26
 Product Thickness: — feet Time Measured: —
 Total Depth: 19.9 feet Time Measured: 12 28
 Length of Water Column: 8.1 feet
 Well Volume: _____ gallons Sheen: —
 80% Recharge Depth: _____ feet Purge Method: —

Field Measurements and Observations

Time	Depth to Water (feet)	Volume Purged (gallons)	Temp. (°C)	pH	Cond. (µS/cm)	Turbidity (NTU)	Color	Sheen	Odor

sample only

Total Purge Volume: _____ gallons

Sample Information

Sample ID: B-35 Sample Time: 12 34
 Sampling Method: disposable bailer Sampled By: Emlyn
 Sample Containers (number/type): 2 VOA5

Notes

Environmental Investigation Services, Inc.



GROUNDWATER SAMPLING RECORD

Well ID: B-36

Project Information

Project Name: Cal MacToans Date: 12/18/07
 Site Address: 461 McGraw Livermore Field Personnel: Emlyn
 Project Number: 717-36

Well Information

Well Diameter : 1" inches
 Depth to Water: 11.3 feet Time Measured: 13:06
 Product Thickness: — feet Time Measured: —
 Total Depth: 19.95 feet Time Measured: 13:08
 Length of Water Column: 8.65 feet
 Well Volume: _____ gallons Sheen: —
 80% Recharge Depth: _____ feet Purge Method: —

Field Measurements and Observations

Time	Depth to Water (feet)	Volume Purged (gallons)	Temp. (°C)	pH	Cond. (µS/cm)	Turbidity (NTU)	Color	Sheen	Odor
<i>Sample only</i>									

Total Purge Volume: _____ gallons

Sample Information

Sample ID: B-36 Sample Time: 13:14
 Sampling Method: disposable bucket Sampled By: Emlyn
 Sample Containers (number/type): 2 VOAs

Notes

Attachment F
Groundwater Sampling Laboratory Analytical Reports



McC Campbell Analytical, Inc.

"When Quality Counts"

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

Environmental Investigation Servi 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3D; Cal Mac Transportation	Date Sampled: 11/27/07
	Client Contact: Peter Littman	Date Received: 11/27/07
	Client P.O.:	Date Reported: 12/03/07
		Date Completed: 12/03/07

WorkOrder: 0711643

December 03, 2007

Dear Peter:

Enclosed are:

- 1). the results of 3 analyzed samples from your **#717-3D; Cal Mac Transportation project**,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

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

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing
McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius, Lab Manager

0 111445



McCAMPBELL ANALYTICAL, INC.
 1534 WILLOW PASS ROAD
 PITTSBURG, CA 94565-1701
 Website: www.mccampbell.com Email: main@mccampbell.com
 Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME

RUSH 24 HR 48 HR 72 HR 5 DAY

GeoTracker EDF PDF Excel Write On (DW)

Check if sample is effluent and "J" flag is required

Report To: Peter Littman Bill To: Environmental
 Company: Environmental Investigation Services
170 Knowles Dr.
Los Gatos, CA E-Mail: plittman@eis1.net
 Tele: (408) 871-1470 Fax: (408) 871-1520
 Project #: 717-3D Project Name: Cal Mac Transport
 Project Location: Livermore, CA
 Sampler Signature: [Signature]

Analysis Request

Other

Comments

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING		# Containers	Type Containers	MATRIX				METHOD PRESERVED									
		Date	Time			Water	Soil	Air	Sludge	Other	ICE	HCL	HNO ₃	Other					
+ MW-1	MW-1	11/27/07	12:26	1 Lt	Amber X					X	X			XX					
	"	"	"	1	Plastic X					X	X								
	"	"	"	4	VOA X					X	X								
+ MW-2	MW-2	"	1:34	1 Lt	Amb X					X	X			XX					
	"	"	"	1	Plastic X					X	X								
	"	"	"	4	VOA X					X	X								
+ MW-3	MW-3	"	2:10	1 Lt	Amb X					X	X			XX					
	"	"	"	1	Plastic X					X	X								
	"	"	"	4	VOA X					X	X								

BTEX & TPH as Gas (602-8015) / MTBE	
TPH as Diesel (8015)	TPH-01
Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	
Total Petroleum Hydrocarbons (418.1)	
EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	
MTBE / BTEX ONLY (EPA 602 / 8021)	
EPA 505 / 608 / 8081 (CI Pesticides)	
EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	
EPA 807 / 8141 (NP Pesticides)	
EPA 515 / 8151 (Acidic CI Herbicides)	
EPA 524-67569 / 8260 (VOCs)	
EPA 525.2 / 625 / 8270 (SVOCs)	
EPA 8270 SIM / 8310 (PAHs / PNAs)	
CAM 17 Metals (2106-7200-8 / 6020)	
LAUPT 5 Metals (200.7 / 200.8 / 6010 / 6020)	
Lead (200.7 / 200.8 / 6010 / 6020)	

Filter Samples for Metals analysis: Yes / No

Relinquished By: <u>[Signature]</u>	Date: <u>11/27</u>	Time: <u>2:30</u>	Received By: <u>[Signature]</u>
Relinquished By: <u>[Signature]</u>	Date: <u>12/7</u>	Time: <u>2:30</u>	Received By: <u>[Signature]</u>
Relinquished By: <u>[Signature]</u>	Date: <u>1/27</u>	Time: <u>1648</u>	Received By: <u>[Signature]</u>

ICE/ 9.4 COMMENTS:
 GOOD CONDITION _____
 HEAD SPACE ABSENT _____
 DECHLORINATED IN LAB _____
 APPROPRIATE CONTAINERS _____
 PRESERVED IN LAB _____
 VOAS O&G METALS OTHER
 PRESERVATION pH<2

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0711643

ClientID: EISI

EDF Excel Fax Email HardCopy ThirdParty

Report to:

Peter Littman
Environmental Investigation Services,
170 Knowles Drive, Suite 212
Los Gatos, CA 95032

Email: plittman@eis1.net, jmorris@eis1.net
TEL: (408) 871-1470 FAX: (408) 871-1520
ProjectNo: #717-3D; Cal Mac Transportation
PO:

Bill to:

Barbar
Environmental Investigation Services
170 Knowles Drive, Suite 212
Los Gatos, CA 95032
barbara@eis1.net

Requested TAT: **5 days**

Date Received: 11/27/2007

Date Printed: 11/27/2007

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0711643-001	MW-1	Water	11/27/07 12:26:00	<input type="checkbox"/>	B	D	A	A	C							
0711643-002	MW-2	Water	11/27/07 1:34:00	<input type="checkbox"/>	B	D	A		C							
0711643-003	MW-3	Water	11/27/07 2:10:00	<input type="checkbox"/>	B	D	A		C							

Test Legend:

1	8260B_W	2	CAM17(T)MS_W	3	G-MBTEX_W	4	PREFD REPORT	5	TPH(DMO)_W
6		7		8		9		10	
11		12							

Prepared by: Ana 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.



Sample Receipt Checklist

Client Name: **Environmental Investigation Services, Inc.**

Date and Time Received: **11/27/07 6:04:00 PM**

Project Name: **#717-3D; Cal Mac Transportation**

Checklist completed and reviewed by: **Ana Venegas**

WorkOrder N°: **0711643** Matrix Water

Carrier: Derik Cartan (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature	Cooler Temp: 9.4°C		NA <input type="checkbox"/>
Water - VOA vials have zero headspace / no bubbles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
TTLIC Metal - pH acceptable upon receipt (pH<2)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>

Client contacted:

Date contacted:

Contacted by:

Comments: pH had to be adjusted



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

Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3D; Cal Mac Transportation	Date Sampled: 11/27/07
	Client Contact: Peter Littman	Date Received: 11/27/07
	Client P.O.:	Date Extracted: 11/29/07
		Date Analyzed: 11/29/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0711643

Lab ID	0711643-001B
Client ID	MW-1
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	7.3	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	104	%SS2:	97
%SS3:	90		

Comments:

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

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

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

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



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

Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3D; Cal Mac Transportation	Date Sampled: 11/27/07
	Client Contact: Peter Littman	Date Received: 11/27/07
	Client P.O.:	Date Extracted: 11/29/07
		Date Analyzed: 11/29/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0711643

Lab ID	0711643-002B
Client ID	MW-2
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	106	%SS2:	96
%SS3:	95		

Comments:

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

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

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

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



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

Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3D; Cal Mac Transportation	Date Sampled: 11/27/07
	Client Contact: Peter Littman	Date Received: 11/27/07
	Client P.O.:	Date Extracted: 11/29/07
		Date Analyzed: 11/29/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0711643

Lab ID	0711643-003B
Client ID	MW-3
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	1.0	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	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,1,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	106	%SS2:	97
%SS3:	95		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3D; Cal Mac Transportation	Date Sampled: 11/27/07
	Client Contact: Peter Littman	Date Received: 11/27/07
	Client P.O.:	Date Extracted: 11/27/07
		Date Analyzed: 11/28/07-11/29/07

CAM / CCR 17 Metals*

Lab ID	0711643-001D	0711643-002D	0711643-003D		Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	MW-1	MW-2	MW-3			
Matrix	W	W	W		S	W
Extraction Type	TOTAL	TOTAL	TOTAL		mg/kg	µg/L

ICP-MS Metals, Concentration*

Analytical Method: E200.8	Extraction Method: E200.8			Work Order: 0711643	
Dilution Factor	1	1	1	1	1
Antimony	ND	ND	ND	NA	0.5
Arsenic	12	16	5.9	NA	0.5
Barium	570	560	180	NA	5.0
Beryllium	0.66	0.77	ND	NA	0.5
Cadmium	ND	ND	ND	NA	0.25
Chromium	98	92	19	NA	0.5
Cobalt	20	16	4.0	NA	0.5
Copper	40	56	11	NA	0.5
Lead	13	22	4.0	NA	0.5
Mercury	0.12	0.29	0.080	NA	0.012
Molybdenum	1.2	0.89	1.0	NA	0.5
Nickel	85	120	20	NA	0.5
Selenium	1.6	0.83	ND	NA	0.5
Silver	ND	ND	ND	NA	0.19
Thallium	ND	ND	ND	NA	0.5
Vanadium	86	98	29	NA	0.5
Zinc	93	120	26	NA	5.0
%SS:	95	93	95		

Comments

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

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

TOTAL = acid digestion.

WET = Waste Extraction Test (STLC).

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

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



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Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3D; Cal Mac Transportation	Date Sampled: 11/27/07
		Date Received: 11/27/07
	Client Contact: Peter Littman	Date Extracted: 11/28/07
	Client P.O.:	Date Analyzed 11/28/07

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

Extraction method SW5030B

Analytical methods SW8021B/8015Cm

Work Order: 0711643

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-1	W	ND	ND	ND	ND	ND	ND	1	97
002A	MW-2	W	ND	ND	ND	ND	ND	ND	1	94
003A	MW-3	W	ND	ND	ND	ND	ND	ND	1	94

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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



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Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3D; Cal Mac Transportation	Date Sampled: 11/27/07
	Client Contact: Peter Littman	Date Received: 11/27/07
	Client P.O.:	Date Analyzed: 11/28/07
		Date Extracted: 11/27/07

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

Extraction method: SW3510C

Analytical methods: SW8015C

Work Order: 0711643

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0711643-001C	MW-1	W	ND	ND	1	100
0711643-002C	MW-2	W	ND	ND	1	99
0711643-003C	MW-3	W	ND	ND	1	100

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	NA	NA	mg/Kg

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

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

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



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0711643

Table with columns: EPA Method SW8260B, Extraction SW5030B, BatchID: 32092, Spiked Sample ID: 0711622-001A. Rows include analytes like tert-Amyl methyl ether (TAME), Benzene, t-Butyl alcohol (TBA), Chlorobenzene, etc., with columns for Sample, Spiked, MS, MSD, MS-MSD, LCS, LCSD, LCS-LCSD, and Acceptance Criteria (%).

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

BATCH 32092 SUMMARY

Summary table with columns: Sample ID, Date Sampled, Date Extracted, Date Analyzed. Rows show sample IDs 0711643-001B, 0711643-002B, and 0711643-003B with their respective dates and times.

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.
% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).
MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.
N/A = not enough sample to perform matrix spike and matrix spike duplicate.
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



QC SUMMARY REPORT FOR E200.8

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0711643

Table with columns: EPA Method E200.8, Extraction E200.8, BatchID: 32096, Spiked Sample ID: 0711634-001F. Rows include analytes like Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc, and %SS.

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

BATCH 32096 SUMMARY

Summary table with columns: Sample ID, Date Sampled, Date Extracted, Date Analyzed. Rows show sample IDs 0711643-001D, 0711643-002D, and 0711643-003D.

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

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

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

N/A = not applicable to this method.

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



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0711643

Table with columns: EPA Method SW8021B/8015Cm, Extraction SW5030B, BatchID: 32102, Spiked Sample ID: 0711643-003A. Rows include analytes like TPH, MTBE, Benzene, Toluene, Ethylbenzene, Xylenes, and %SS with various metrics like MS, MSD, LCS, LCSD, etc.

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

BATCH 32102 SUMMARY

Summary table with columns: Sample ID, Date Sampled, Date Extracted, Date Analyzed. Contains two rows of sample data.

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.



QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0711643

Analyte	Extraction SW3510C		BatchID: 32104						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	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	N/A	1000	N/A	N/A	N/A	103	103	0	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	116	116	0	N/A	N/A	70 - 130	30

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

NONE

BATCH 32104 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0711643-001C	11/27/07 12:26 PM	11/27/07	11/28/07 7:24 PM	0711643-002C	11/27/07 1:34 PM	11/27/07	11/28/07 8:31 PM
0711643-003C	11/27/07 2:10 PM	11/27/07	11/28/07 9:38 PM				

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

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

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

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

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



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Environmental Investigation Servi 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: Cal Mac Transportation; 717-3A	Date Sampled: 11/09/07
		Date Received: 11/09/07
	Client Contact: Peter Littman	Date Reported: 11/14/07
	Client P.O.:	Date Completed: 11/14/07

WorkOrder: 0711274

November 14, 2007

Dear Peter:

Enclosed are:

- 1). the results of **3** analyzed samples from your **Cal Mac Transportation; 717-3A 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.

Best regards,

Angela Rydelius, Lab Manager

0711274



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CHAIN OF CUSTODY RECORD
TURN AROUND TIME RUSH 24 HR 48 HR 72 HR 5 DAY
 GeoTracker EDF PDF Excel Write On (DW)
 Check if sample is effluent and "J" flag is required

Report To: EIS Bill To: EIS
 Company: Environmental Investigation Services
170 Knowlan Drive, Los Altos, CA
 E-Mail:
 Tele: (408) - 871 - 1470 Fax: ()
 Project #: Cal Mac Trans Project Project Name: 717-2A
 Project Location: 461 MacGraw Ave, Livermore, CA
 Sampler Signature: _____

Analysis Request										Other	Comments						
BTEX & TPH as Gas (8015) / MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505 / 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic CI Herbicides)	EPA 534.3-624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNA's)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	<u>Title 22 Metals, 6010B</u>	Filter Samples for Metals analysis: Yes / No
X	X									X						X	
X	X									X						X	
X	X									X						X	

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED						
		Date	Time			Water	Soil	Air	Sludge	Other	ICE	HCL	HNO ₃	Other			
MW-1		11/9/02	12:30	3	VOA	X	X				X	X					
MW-2		11/9/02	14:05	3	VOA	X	X				X	X					
MW-3		11/9/02	14:40	3	VOA	X	X				X	X					

Relinquished By: [Signature] Date: 11/9 Time: 14:45 Received By: [Signature]
 Relinquished By: [Signature] Date: 11/9 Time: 14:50 Received By: _____
 Relinquished By: [Signature] Date: 11/9/02 Time: 16:20 Received By: [Signature]

ICE # 122 COMMENTS:
 GOOD CONDITION
 HEAD SPACE ABSENT
 DECHLORINATED IN LAB
 APPROPRIATE CONTAINERS
 PRESERVED IN LAB
 VOAS O&G METALS OTHER
 PRESERVATION pH < 2

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
 Pittsburg, CA 94565-1701
 (925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0711274

ClientID: EISI

EDF Excel Fax Email HardCopy ThirdParty

Report to:	Bill to:	Requested TAT: 5 days
Peter Littman	Barbar	
Environmental Investigation Services,	Environmental Investigation Services	
170 Knowles Drive, Suite 212	170 Knowles Drive, Suite 212	Date Received: 11/09/2007
Los Gatos, CA 95032	Los Gatos, CA 95032	Date Printed: 11/12/2007
Email: plittman@eis1.net, jmorris@eis1.net	barbara@eis1.net	
TEL: (408) 871-1470 FAX: (408) 871-1520		
ProjectNo: Cal Mac Transportation; 717-3A		
PO:		

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0711274-001	MW-1	Water	11/9/07 12:00:00	<input type="checkbox"/>	B	D	A	A	C							
0711274-002	MW-2	Water	11/9/07 2:05:00	<input type="checkbox"/>	B	D	A		C							
0711274-003	MW-3	Water	11/9/07 2:40:00	<input type="checkbox"/>	B	D	A		C							

Test Legend:

1	8260B_W	2	CAM17(T)MS_W	3	G-MBTX_W	4	PREDF REPORT	5	TPH(D)_W
6		7		8		9		10	
11		12							

Prepared by: Ana 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.



Sample Receipt Checklist

Client Name: **Environmental Investigation Services, Inc.**

Date and Time Received: **11/9/07 6:58:51 PM**

Project Name: **Cal Mac Transportation; 717-3A**

Checklist completed and reviewed by: **Ana Venegas**

WorkOrder N°: **0711274** Matrix Water

Carrier: Derik Cartan (MAI Courier)

Chain of Custody (COC) Information

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

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

- All samples received within holding time? Yes No
- Container/Temp Blank temperature Cooler Temp: 12.2°C NA
- Water - VOA vials have zero headspace / no bubbles? Yes No No VOA vials submitted
- Sample labels checked for correct preservation? Yes No
- TTLC Metal - pH acceptable upon receipt (pH<2)? Yes No NA

Client contacted:

Date contacted:

Contacted by:

Comments:



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

Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: Cal Mac Transportation; 717-3A	Date Sampled: 11/09/07
	Client Contact: Peter Littman	Date Received: 11/09/07
	Client P.O.:	Date Extracted: 11/13/07
		Date Analyzed: 11/13/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0711274

Lab ID	0711274-001B
Client ID	MW-1
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	10	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	110	%SS2:	97
%SS3:	95		

Comments:

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

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

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

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



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

Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: Cal Mac Transportation; 717-3A	Date Sampled: 11/09/07
	Client Contact: Peter Littman	Date Received: 11/09/07
	Client P.O.:	Date Extracted: 11/12/07
		Date Analyzed: 11/12/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0711274

Lab ID	0711274-002B
Client ID	MW-2
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	100	%SS2:	90
%SS3:	97		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: Cal Mac Transportation; 717-3A	Date Sampled: 11/09/07
	Client Contact: Peter Littman	Date Received: 11/09/07
	Client P.O.:	Date Extracted: 11/13/07
		Date Analyzed: 11/13/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0711274

Lab ID	0711274-003B
Client ID	MW-3
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	110	%SS2:	97
%SS3:	95		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: Cal Mac Transportation; 717-3A	Date Sampled: 11/09/07
	Client Contact: Peter Littman	Date Received: 11/09/07
	Client P.O.:	Date Extracted: 11/12/07
		Date Analyzed: 11/13/07

CAM / CCR 17 Metals*

Lab ID	0711274-001D	0711274-002D	0711274-003D	Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	MW-1	MW-2	MW-3	S	W
Matrix	W	W	W	mg/kg	µg/L
Extraction Type	TOTAL	TOTAL	TOTAL		

ICP-MS Metals, Concentration*

Analytical Method: E200.8

Extraction Method: E200.8

Work Order: 0711274

Dilution Factor	1	1	1	1	1
Antimony	ND	ND	ND	NA	0.5
Arsenic	2.3	2.7	3.5	NA	0.5
Barium	240	140	120	NA	5.0
Beryllium	ND	ND	ND	NA	0.5
Cadmium	ND	ND	ND	NA	0.25
Chromium	8.6	1.9	2.6	NA	0.5
Cobalt	ND	0.60	0.67	NA	0.5
Copper	ND	0.83	1.6	NA	0.5
Lead	ND	ND	ND	NA	0.5
Mercury	0.040	0.059	0.038	NA	0.012
Molybdenum	1.9	2.2	2.3	NA	0.5
Nickel	ND	1.1	1.3	NA	0.5
Selenium	1.4	ND	0.71	NA	0.5
Silver	ND	ND	ND	NA	0.19
Thallium	ND	ND	ND	NA	0.5
Vanadium	14	12	9.0	NA	0.5
Zinc	ND	ND	ND	NA	5.0
%SS:	103	102	108		

Comments

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

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

TOTAL = acid digestion.

WET = Waste Extraction Test (STLC).

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

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701

Web: www.mcccampbell.com E-mail: main@mcccampbell.com

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

Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: Cal Mac Transportation; 717-3A	Date Sampled: 11/09/07
	Client Contact: Peter Littman	Date Received: 11/09/07
	Client P.O.:	Date Extracted: 11/10/07
		Date Analyzed: 11/10/07

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

Extraction method SW5030B

Analytical methods SW8021B/8015Cm

Work Order: 0711274

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-1	W	ND	ND	ND	ND	ND	ND	1	90
002A	MW-2	W	ND	ND	ND	ND	ND	ND	1	94
003A	MW-3	W	ND	ND	ND	ND	ND	ND	1	89

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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



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

Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: Cal Mac Transportation; 717-3A	Date Sampled: 11/09/07
	Client Contact: Peter Littman	Date Received: 11/09/07
	Client P.O.:	Date Analyzed: 11/13/07-11/14/07
		Date Extracted: 11/12/07

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method SW3510C

Analytical methods SW8015C

Work Order: 0711274

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0711274-001C	MW-1	W	ND	1	91
0711274-002C	MW-2	W	ND	1	91
0711274-003C	MW-3	W	ND	1	91

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	NA	NA

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

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

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



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0711274

Analyte	EPA Method SW8260B		Extraction SW5030B			BatchID: 31839			Spiked Sample ID: 0711274-002B			
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	10	100	103	2.67	99.3	102	2.48	70 - 130	30	70 - 130	30
Benzene	ND	10	113	115	2.26	114	116	1.17	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	75.2	77.1	2.47	75.1	79.1	5.26	70 - 130	30	70 - 130	30
Chlorobenzene	ND	10	113	115	1.08	122	118	2.89	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	108	110	2.30	115	104	10.8	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	88	88.6	0.718	89.2	85.9	3.75	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	10	108	95.7	12.3	97.1	81.3	17.8	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	101	104	3.79	103	104	1.75	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	94.8	97.8	3.09	95.4	94.6	0.880	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	95.2	98.4	3.24	95.6	90.2	5.88	70 - 130	30	70 - 130	30
Toluene	ND	10	98.5	99.9	1.39	105	99.6	5.20	70 - 130	30	70 - 130	30
Trichloroethene	ND	10	95.3	97.3	2.13	97.5	94.9	2.73	70 - 130	30	70 - 130	30
%SS1:	100	10	104	106	1.76	96	93	3.38	70 - 130	30	70 - 130	30
%SS2:	90	10	90	91	0.589	89	87	2.66	70 - 130	30	70 - 130	30
%SS3:	97	10	97	99	1.83	97	97	0	70 - 130	30	70 - 130	30

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

NONE

BATCH 31839 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0711274-001B	11/09/07 12:00 PM	11/13/07	11/13/07 4:28 AM	0711274-002B	11/09/07 2:05 PM	11/12/07	11/12/07 2:56 PM
0711274-003B	11/09/07 2:40 PM	11/13/07	11/13/07 5:14 AM				

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

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

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

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 E200.8

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0711274

EPA Method E200.8	Extraction E200.8			BatchID: 31837			Spiked Sample ID: 0711287-001A					
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	5.5	10	114	108	3.85	116	117	0.675	70 - 130	20	80 - 120	20
Arsenic	160	10	130	139, F1	0.519	102	106	4.13	70 - 130	20	80 - 120	20
Barium	7.1	100	113	115	1.73	109	108	0.0921	70 - 130	20	80 - 120	20
Beryllium	ND	10	106	109	2.32	111	111	0	70 - 130	20	80 - 120	20
Cadmium	ND	10	107	109	1.95	110	108	1.10	70 - 130	20	80 - 120	20
Chromium	ND	10	105	106	1.09	107	107	0	70 - 130	20	80 - 120	20
Cobalt	0.58	10	102	104	2.30	108	107	0.186	70 - 130	20	80 - 120	20
Copper	4.3	10	118	125	4.37	108	113	4.33	70 - 130	20	80 - 120	20
Lead	7.9	10	112	113	0.573	108	109	0.368	70 - 130	20	80 - 120	20
Mercury	0.33	0.25	113	113	0	102	100	1.82	70 - 130	20	80 - 120	20
Molybdenum	2.3	10	116	118	1.71	104	103	1.35	70 - 130	20	80 - 120	20
Nickel	9.4	10	103	105	0.962	106	106	0	70 - 130	20	80 - 120	20
Selenium	6.9	10	116	121	2.34	106	111	4.90	70 - 130	20	80 - 120	20
Silver	ND	10	102	104	2.24	105	105	0	70 - 130	20	80 - 120	20
Thallium	ND	10	115	116	0.867	107	107	0	70 - 130	20	80 - 120	20
Vanadium	0.76	10	111	112	0.927	107	106	0.658	70 - 130	20	80 - 120	20
Zinc	24	100	107	110	1.81	111	112	0.720	70 - 130	20	80 - 120	20
%SS:	111	750	111	118	5.29	106	106	0	70 - 130	20	70 - 130	20

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

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

BATCH 31837 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0711274-001D	11/09/07 12:00 PM	11/12/07	11/13/07 4:11 PM	0711274-002D	11/09/07 2:05 PM	11/12/07	11/13/07 4:24 PM

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

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

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

N/A = not applicable to this method.

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



QC SUMMARY REPORT FOR E200.8

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0711274

EPA Method E200.8	Extraction E200.8			BatchID: 31853			Spiked Sample ID: 0711274-003D			Acceptance Criteria (%)			
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	MS / MSD	RPD	LCS/LCSD	RPD	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD					
Antimony	ND	10	106	109	2.35	103	104	0.580	70 - 130	20	80 - 120	20	
Arsenic	3.5	10	100	99.4	0.739	97.9	96.4	1.53	70 - 130	20	80 - 120	20	
Barium	120	100	99.6	98.6	0.454	97.6	98.2	0.644	70 - 130	20	80 - 120	20	
Beryllium	ND	10	90.1	91.1	1.14	101	99.9	0.976	70 - 130	20	80 - 120	20	
Cadmium	ND	10	97.8	95.7	2.21	99.3	99.2	0.0806	70 - 130	20	80 - 120	20	
Chromium	2.6	10	94.8	97.6	2.20	97.4	98.8	1.41	70 - 130	20	80 - 120	20	
Cobalt	0.67	10	88.1	89.4	1.34	104	104	0	70 - 130	20	80 - 120	20	
Copper	1.6	10	95.9	95.4	0.449	102	103	1.47	70 - 130	20	80 - 120	20	
Lead	ND	10	100	103	2.30	97.5	98.2	0.716	70 - 130	20	80 - 120	20	
Mercury	0.038	0.25	101	101	0	87.6	89	1.58	70 - 130	20	80 - 120	20	
Molybdenum	2.3	10	99.5	99.6	0.0817	95.1	94.8	0.327	70 - 130	20	80 - 120	20	
Nickel	1.3	10	95.2	98.2	2.73	92.3	92.1	0.260	70 - 130	20	80 - 120	20	
Selenium	0.71	10	97.5	101	3.11	100	101	0.199	70 - 130	20	80 - 120	20	
Silver	ND	10	95	95.3	0.326	100	100	0	70 - 130	20	80 - 120	20	
Thallium	ND	10	95.9	98.1	2.26	92.6	93.2	0.603	70 - 130	20	80 - 120	20	
Vanadium	9.0	10	99.8	101	0.735	98.5	99.1	0.638	70 - 130	20	80 - 120	20	
Zinc	ND	100	89.8	91.8	2.10	96.6	98.4	1.74	70 - 130	20	80 - 120	20	
%SS:	108	750	104	104	0	99	97	2.22	70 - 130	20	70 - 130	20	

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

BATCH 31853 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0711274-003D	11/09/07 2:40 PM	11/12/07	11/13/07 3:06 PM				

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

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

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

N/A = not 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 SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0711274

EPA Method SW8021B/8015Cm		Extraction SW5030B			BatchID: 31832			Spiked Sample ID: 0711274-003A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) [£]	ND	60	94.6	90.5	4.45	86.8	92	5.84	70 - 130	30	70 - 130	30
MTBE	ND	10	92.7	95	2.48	76.3	95.1	22.0	70 - 130	30	70 - 130	30
Benzene	ND	10	99.3	102	2.49	106	99.6	6.48	70 - 130	30	70 - 130	30
Toluene	ND	10	101	104	2.95	108	101	6.71	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	105	108	2.49	113	106	6.77	70 - 130	30	70 - 130	30
Xylenes	ND	30	120	120	0	127	120	5.41	70 - 130	30	70 - 130	30
%SS:	89	10	91	95	3.61	99	91	8.84	70 - 130	30	70 - 130	30

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

BATCH 31832 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0711274-001A	11/09/07 12:00 PM	11/10/07	11/10/07 1:31 AM	0711274-002A	11/09/07 2:05 PM	11/10/07	11/10/07 2:04 AM
0711274-003A	11/09/07 2:40 PM	11/10/07	11/10/07 3:11 AM				

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.



QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0711274

EPA Method SW8015C		Extraction SW3510C			BatchID: 31794			Spiked Sample ID: N/A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	N/A	1000	N/A	N/A	N/A	98.6	113	13.9	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	83	100	18.0	N/A	N/A	70 - 130	30

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

BATCH 31794 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0711274-001C	11/09/07 12:00 PM	11/12/07	11/13/07 10:30 PM	0711274-002C	11/09/07 2:05 PM	11/12/07	11/13/07 11:40 PM
0711274-003C	11/09/07 2:40 PM	11/12/07	11/14/07 8:58 AM				

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

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

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

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

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

Attachment G

Grab Groundwater and Soil Sample Laboratory Analytical Reports – B-15 through B-28



McC Campbell Analytical, Inc.

"When Quality Counts"

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

Environmental Investigation Servi 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: Cal Mac Transportation	Date Sampled: 12/05/07-12/06/07
		Date Received: 12/06/07
	Client Contact: Peter Littman	Date Reported: 12/10/07
	Client P.O.:	Date Completed: 12/10/07

WorkOrder: 0712186

December 10, 2007

Dear Peter:

Enclosed within are:

- 1) The results of the **17** analyzed samples from your project: **Cal Mac Transportation**,
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

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

McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McC Campbell Analytical, Inc.

0712186

1/2



McCAMPBELL ANALYTICAL, INC.
 1534 WILLOW PASS ROAD
 PITTSBURG, CA 94565-1701
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CHAIN OF CUSTODY RECORD
 TURN AROUND TIME **RUSH**
 RUSH 24 HR 48 HR 72 HR 5 DAY
 GeoTracker EDF PDF Excel Write On (DW)
 Check if sample is effluent and "J" flag is required

Report To: Peter Littman Bill To: EIS
 Company: Environmental Investigation Services, Inc.
 170 Knowles Drive
 Los Gatos, CA 95032 E-Mail: plittman@eis1.net
 Tele: (408) 871-1470 Fax: (408) 871-1520
 Project #: Project Name: Cal Mac Transportation
 Project Location: 461 McGraw Av. Livermore, CA 94551
 Sampler Signature:

Analysis Request Other Comments

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED								
		Date	Time			Water	Soil	Air	Sludge	Other	ICE	HCL	HNO ₃	Other					
B-16	B-16	12/06/07	10:01	4	VOA	X													
B-17	B-17	"	10:18	4	VOA	X													
B-18	B-18	"	11:01	4	VOA	X													
B-28	B-28	"	3:50	3	VOA	X													
B-21	B-21	"	1235	3	VOA	X													
B-26	B-26	"	1255	4	VOA	X													
B-25	B-25	"	1:50	4	VOA	X													
B-24	B-24	"	2:08	4	VOA	X													
B-27	B-27	"	2:20	4	VOA	X													
B-23	B-23	"	2:35	4	VOA	X													
B-22	B-22	"	2:50	4	VOA	X													
B-19	B-19	"	3:12	4	VOA	X													
B-15	B-15	"	3:30	4	VOA	X													

BTEX & TPH as Gas (602 / 8021 + 8015) / MTBE																			
TPH as Diesel (8015)																			
Total Petroleum Oil & Grease (1664 / 5520 E/B&F)																			
Total Petroleum Hydrocarbons (418.1)																			
EPA 502.2 / 601 / 8010 / 8021 (HVOCs)																			
MTBE / BTEX ONLY (EPA 602 / 8021)																			
EPA 505/608 / 8081 (CI Pesticides)																			
EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners																			
EPA 507 / 8141 (NP Pesticides)																			
EPA 515 / 8151 (Acidic CI Herbicides)																			
EPA 524.2-073.8260 (VOCs)																			
EPA 525.2 / 625 / 8270 (SVOCs)																			
EPA 8270 SIM / 8310 (PAHs / PNA's)																			
CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)																			
LU FT 5 Metals (200.7 / 200.8 / 6010 / 6020)																			
Lead (200.7 / 200.8 / 6010 / 6020)																			

Filter Samples for Metals analysis: Yes / No

Relinquished By: [Signature] Date: 12/19/07 Time: 10:26 Received By: [Signature]
 Relinquished By: [Signature] Date: 12/19/07 Time: 10:26 Received By: [Signature]
 Relinquished By: [Signature] Date: 12/6/07 Time: 10:45 Received By: [Signature]

ICE/r 6.2
 GOOD CONDITION _____
 HEAD SPACE ABSENT _____
 DECHLORINATED IN LAB _____
 APPROPRIATE CONTAINERS _____
 PRESERVED IN LAB _____
 PRESERVATION VOAS O&G METALS OTHER pH<2



McCAMPBELL ANALYTICAL, INC.
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CHAIN OF CUSTODY RECORD

TURN AROUND TIME RUSH 24 HR 48 HR 72 HR 5 DAY

GeoTracker EDF PDF Excel Write On (DW)

Check if sample is effluent and "J" flag is required

Report To: Peter Littman Bill To: EIS
 Company: Environmental Investigation Services, Inc
170 Knowles Dr.
Los Gatos, CA 95032 E-Mail: plittman@eis1.net
 Tele: (408) 871-1470 Fax: (408) 871-1520
 Project #: _____ Project Name: Cal Mac Transportation
 Project Location: 461 McGraw Av. Livermore CA 94551
 Sampler Signature: _____

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED							
		Date	Time			Water	Soil	Air	Sludge	Other	ICE	HCL	HNO ₃	Other				
B20 @ 1.0'	B20	12/05/07	14:24	1	P/W	X					X							
B20 @ 4.0'	"	"	14:27	1	P/W	X					X							
B20 @ 7.5'	"	"	14:30	1	"	X					X							
B-20	B-20	"	16:43	4	VOLX	X					X	X						

Analysis Request												Other	Comments
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Filter Samples for Metals analysis: Yes / No
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Relinquished By: [Signature] Date: 12/05/07 Time: 16:43 Received By: [Signature]
 Relinquished By: [Signature] Date: 12/05/07 Time: 18:45 Received By: [Signature]
 Relinquished By: [Signature] Date: 12/05/07 Time: 18:45 Received By: [Signature]

ICE/P 10.2 COMMENTS:
 GOOD CONDITION _____
 HEAD SPACE ABSENT _____
 DECHLORINATED IN LAB _____
 APPROPRIATE CONTAINERS _____
 PRESERVED IN LAB _____

VOAS O&G METALS OTHER
 PRESERVATION pH<2

2/2

McC Campbell Analytical, Inc.

1534 Willow Pass Rd
 Pittsburg, CA 94565-1701
 (925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0712186

ClientID: EISI

EDF Excel Fax Email HardCopy ThirdParty

Report to:

Peter Littman
 Environmental Investigation Services,
 170 Knowles Drive, Suite 212
 Los Gatos, CA 95032

Email: plittman@eis1.net, jmorris@eis1.net
 TEL: (408) 871-1470 FAX: (408) 871-1520
 ProjectNo: Cal Mac Transportation
 PO:

Bill to:

Barbar
 Environmental Investigation Services
 170 Knowles Drive, Suite 212
 Los Gatos, CA 95032
 barbara@eis1.net

Requested TAT: 3 days

Date Received: 12/06/2007

Date Printed: 12/06/2007

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
0712186-001	B-16	Water	12/6/07 10:01:00	<input type="checkbox"/>		A	A										
0712186-002	B-17	Water	12/6/07 10:18:00	<input type="checkbox"/>		A											
0712186-003	B-18	Water	12/6/07 11:01:00	<input type="checkbox"/>		A											
0712186-004	B-28	Water	12/6/07 3:50:00	<input type="checkbox"/>		A											
0712186-005	B-21	Water	12/6/07 12:35:00	<input type="checkbox"/>		A											
0712186-006	B-26	Water	12/6/07 12:55:00	<input type="checkbox"/>		A											
0712186-007	B-25	Water	12/6/07 1:50:00	<input type="checkbox"/>		A											
0712186-008	B-24	Water	12/6/07 2:08:00	<input type="checkbox"/>		A											
0712186-009	B-27	Water	12/6/07 2:20:00	<input type="checkbox"/>		A											
0712186-010	B-23	Water	12/6/07 2:35:00	<input type="checkbox"/>		A											
0712186-011	B-22	Water	12/6/07 2:50:00	<input type="checkbox"/>		A											
0712186-012	B-19	Water	12/6/07 3:12:00	<input type="checkbox"/>		A											
0712186-013	B-15	Water	12/6/07 3:30:00	<input type="checkbox"/>		A											
0712186-014	B10@1.0'	Soil	12/5/07 2:24:00	<input type="checkbox"/>	A												
0712186-015	B20@4.0'	Soil	12/5/07 2:27:00	<input type="checkbox"/>	A												

(b20-lab typo)

Test Legend:

1	8260B_S	2	8260B_W	3	PREF REPORT	4		5	
6		7		8		9		10	
11		12							

Prepared by: Ana Venegas

Comments: 72 hr rush

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.



1534 Willow Pass Rd
 Pittsburg, CA 94565-1701
 (925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0712186

ClientID: EISI

EDF Excel Fax Email HardCopy ThirdParty

Report to:	Bill to:	Requested TAT: 3 days
Peter Littman	Barbar	
Environmental Investigation Services,	Environmental Investigation Services	<i>Date Received: 12/06/2007</i>
170 Knowles Drive, Suite 212	170 Knowles Drive, Suite 212	<i>Date Printed: 12/06/2007</i>
Los Gatos, CA 95032	Los Gatos, CA 95032	
Email: plittman@eis1.net, jmorris@eis1.net	barbara@eis1.net	
TEL: (408) 871-1470 FAX: (408) 871-1520		
ProjectNo: Cal Mac Transportation		
PO:		

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
0712186-016	B20@7.5'	Soil	12/5/07 2:30:00	<input type="checkbox"/>	A												
0712186-017	B-20	Water	12/5/07 4:43:00	<input type="checkbox"/>		A											

Test Legend:

1	8260B_S	2	8260B_W	3	PREF REPORT	4		5	
6		7		8		9		10	
11		12							

Prepared by: Ana Venegas

Comments: 72 hr rush

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.



Sample Receipt Checklist

Client Name: **Environmental Investigation Services, Inc.**

Date and Time Received: **12/6/07 8:07:14 PM**

Project Name: **Cal Mac Transportation**

Checklist completed and reviewed by: **Ana Venegas**

WorkOrder N°: **0712186** Matrix Soil/Water

Carrier: Michael Hernandez (MAI Courier)

Chain of Custody (COC) Information

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

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

- All samples received within holding time? Yes No
- Container/Temp Blank temperature Cooler Temp: 6.2°C NA
- Water - VOA vials have zero headspace / no bubbles? Yes No No VOA vials submitted
- Sample labels checked for correct preservation? Yes No
- TTLC Metal - pH acceptable upon receipt (pH<2)? Yes No NA

Client contacted:

Date contacted:

Contacted by:

Comments:



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

Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: Cal Mac Transportation	Date Sampled: 12/06/07
	Client Contact: Peter Littman	Date Received: 12/06/07
	Client P.O.:	Date Extracted: 12/07/07
		Date Analyzed: 12/07/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712186

Lab ID	0712186-001A
Client ID	B-16
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Tetrachloride	ND	1.0	0.5
Carbon Disulfide	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	106	%SS2:	95
%SS3:	104		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: Cal Mac Transportation	Date Sampled: 12/06/07
	Client Contact: Peter Littman	Date Received: 12/06/07
	Client P.O.:	Date Extracted: 12/07/07
		Date Analyzed: 12/07/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712186

Lab ID	0712186-002A
Client ID	B-17
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Tetrachloride	ND	1.0	0.5
Carbon Disulfide	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	0.60	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	2.2	1.0	0.5
Toluene	0.78	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	105	%SS2:	97
%SS3:	103		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: Cal Mac Transportation	Date Sampled: 12/06/07
	Client Contact: Peter Littman	Date Received: 12/06/07
	Client P.O.:	Date Extracted: 12/07/07
		Date Analyzed: 12/07/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712186

Lab ID	0712186-003A
Client ID	B-18
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Tetrachloride	ND	1.0	0.5
Carbon Disulfide	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	3.5	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	0.86	1.0	0.5
Toluene	1.3	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	105	%SS2:	97
%SS3:	105		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: Cal Mac Transportation	Date Sampled: 12/06/07
	Client Contact: Peter Littman	Date Received: 12/06/07
	Client P.O.:	Date Extracted: 12/07/07
		Date Analyzed: 12/07/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712186

Lab ID	0712186-004A
Client ID	B-28
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Tetrachloride	ND	1.0	0.5
Carbon Disulfide	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	1.2	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	105	%SS2:	97
%SS3:	103		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: Cal Mac Transportation	Date Sampled: 12/06/07
	Client Contact: Peter Littman	Date Received: 12/06/07
	Client P.O.:	Date Extracted: 12/07/07
		Date Analyzed: 12/07/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712186

Lab ID	0712186-005A
Client ID	B-21
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Tetrachloride	ND	1.0	0.5
Carbon Disulfide	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	1.7	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	105	%SS2:	98
%SS3:	103		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: Cal Mac Transportation	Date Sampled: 12/06/07
	Client Contact: Peter Littman	Date Received: 12/06/07
	Client P.O.:	Date Extracted: 12/08/07
		Date Analyzed: 12/08/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712186

Lab ID	0712186-006A
Client ID	B-26
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<1000	100	10	Acrolein (Propenal)	ND<500	100	5.0
Acrylonitrile	ND<200	100	2.0	tert-Amyl methyl ether (TAME)	ND<50	100	0.5
Benzene	ND<50	100	0.5	Bromobenzene	ND<50	100	0.5
Bromochloromethane	ND<50	100	0.5	Bromodichloromethane	ND<50	100	0.5
Bromoform	ND<50	100	0.5	Bromomethane	ND<50	100	0.5
2-Butanone (MEK)	ND<200	100	2.0	t-Butyl alcohol (TBA)	ND<500	100	5.0
n-Butyl benzene	ND<50	100	0.5	sec-Butyl benzene	ND<50	100	0.5
tert-Butyl benzene	ND<50	100	0.5	Carbon Tetrachloride	ND<50	100	0.5
Carbon Disulfide	ND<50	100	0.5	Chlorobenzene	ND<50	100	0.5
Chloroethane	ND<50	100	0.5	2-Chloroethyl Vinyl Ether	ND<100	100	1.0
Chloroform	ND<50	100	0.5	Chloromethane	ND<50	100	0.5
2-Chlorotoluene	ND<50	100	0.5	4-Chlorotoluene	ND<50	100	0.5
Dibromochloromethane	ND<50	100	0.5	1,2-Dibromo-3-chloropropane	ND<50	100	0.5
1,2-Dibromoethane (EDB)	ND<50	100	0.5	Dibromomethane	ND<50	100	0.5
1,2-Dichlorobenzene	ND<50	100	0.5	1,3-Dichlorobenzene	ND<50	100	0.5
1,4-Dichlorobenzene	ND<50	100	0.5	Dichlorodifluoromethane	ND<50	100	0.5
1,1-Dichloroethane	ND<50	100	0.5	1,2-Dichloroethane (1,2-DCA)	ND<50	100	0.5
1,1-Dichloroethene	ND<50	100	0.5	cis-1,2-Dichloroethene	ND<50	100	0.5
trans-1,2-Dichloroethene	ND<50	100	0.5	1,2-Dichloropropane	ND<50	100	0.5
1,3-Dichloropropane	ND<50	100	0.5	2,2-Dichloropropane	ND<50	100	0.5
1,1-Dichloropropene	ND<50	100	0.5	cis-1,3-Dichloropropene	ND<50	100	0.5
trans-1,3-Dichloropropene	ND<50	100	0.5	Diisopropyl ether (DIPE)	ND<50	100	0.5
Ethylbenzene	ND<50	100	0.5	Ethyl tert-butyl ether (ETBE)	ND<50	100	0.5
Freon 113	ND<1000	100	10	Hexachlorobutadiene	ND<50	100	0.5
Hexachloroethane	ND<50	100	0.5	2-Hexanone	ND<50	100	0.5
Isopropylbenzene	ND<50	100	0.5	4-Isopropyl toluene	ND<50	100	0.5
Methyl-t-butyl ether (MTBE)	ND<50	100	0.5	Methylene chloride	ND<50	100	0.5
4-Methyl-2-pentanone (MIBK)	ND<50	100	0.5	Naphthalene	ND<50	100	0.5
Nitrobenzene	ND<1000	100	10	n-Propyl benzene	ND<50	100	0.5
Styrene	ND<50	100	0.5	1,1,1,2-Tetrachloroethane	ND<50	100	0.5
1,1,2,2-Tetrachloroethane	ND<50	100	0.5	Tetrachloroethene	1500	100	0.5
Toluene	ND<50	100	0.5	1,2,3-Trichlorobenzene	ND<50	100	0.5
1,2,4-Trichlorobenzene	ND<50	100	0.5	1,1,1-Trichloroethane	ND<50	100	0.5
1,1,2-Trichloroethane	ND<50	100	0.5	Trichloroethene	ND<50	100	0.5
Trichlorofluoromethane	ND<50	100	0.5	1,2,3-Trichloropropane	ND<50	100	0.5
1,2,4-Trimethylbenzene	ND<50	100	0.5	1,3,5-Trimethylbenzene	ND<50	100	0.5
Vinyl Chloride	ND<50	100	0.5	Xylenes	ND<50	100	0.5

Surrogate Recoveries (%)

%SS1:	104	%SS2:	97
%SS3:	103		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: Cal Mac Transportation	Date Sampled: 12/06/07
	Client Contact: Peter Littman	Date Received: 12/06/07
	Client P.O.:	Date Extracted: 12/08/07
		Date Analyzed: 12/08/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712186

Lab ID	0712186-007A
Client ID	B-25
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Tetrachloride	ND	1.0	0.5
Carbon Disulfide	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	28	1.0	0.5
Toluene	1.2	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	0.52	1.0	0.5

Surrogate Recoveries (%)

%SS1:	106	%SS2:	98
%SS3:	107		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: Cal Mac Transportation	Date Sampled: 12/06/07
	Client Contact: Peter Littman	Date Received: 12/06/07
	Client P.O.:	Date Extracted: 12/08/07
		Date Analyzed: 12/08/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712186

Lab ID	0712186-008A
Client ID	B-24
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Tetrachloride	ND	1.0	0.5
Carbon Disulfide	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	1.4	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	5.8	1.0	0.5
Toluene	7.4	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	6.2	1.0	0.5

Surrogate Recoveries (%)

%SS1:	105	%SS2:	97
%SS3:	107		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: Cal Mac Transportation	Date Sampled: 12/06/07
	Client Contact: Peter Littman	Date Received: 12/06/07
	Client P.O.:	Date Extracted: 12/08/07
		Date Analyzed: 12/08/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712186

Lab ID	0712186-009A
Client ID	B-27
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Tetrachloride	ND	1.0	0.5
Carbon Disulfide	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	0.88	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	106	%SS2:	97
%SS3:	107		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: Cal Mac Transportation	Date Sampled: 12/06/07
	Client Contact: Peter Littman	Date Received: 12/06/07
	Client P.O.:	Date Extracted: 12/08/07
		Date Analyzed: 12/08/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712186

Lab ID	0712186-010A
Client ID	B-23
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	13	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Tetrachloride	ND	1.0	0.5
Carbon Disulfide	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	1.4	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	0.98	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	1.3	1.0	0.5

Surrogate Recoveries (%)

%SS1:	105	%SS2:	98
%SS3:	104		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: Cal Mac Transportation	Date Sampled: 12/06/07
	Client Contact: Peter Littman	Date Received: 12/06/07
	Client P.O.:	Date Extracted: 12/08/07
		Date Analyzed: 12/08/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712186

Lab ID	0712186-011A
Client ID	B-22
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<100	10	10	Acrolein (Propenal)	ND<50	10	5.0
Acrylonitrile	ND<20	10	2.0	tert-Amyl methyl ether (TAME)	ND<5.0	10	0.5
Benzene	ND<5.0	10	0.5	Bromobenzene	ND<5.0	10	0.5
Bromochloromethane	ND<5.0	10	0.5	Bromodichloromethane	ND<5.0	10	0.5
Bromoform	ND<5.0	10	0.5	Bromomethane	ND<5.0	10	0.5
2-Butanone (MEK)	ND<20	10	2.0	t-Butyl alcohol (TBA)	ND<50	10	5.0
n-Butyl benzene	ND<5.0	10	0.5	sec-Butyl benzene	ND<5.0	10	0.5
tert-Butyl benzene	ND<5.0	10	0.5	Carbon Tetrachloride	ND<5.0	10	0.5
Carbon Disulfide	ND<5.0	10	0.5	Chlorobenzene	ND<5.0	10	0.5
Chloroethane	ND<5.0	10	0.5	2-Chloroethyl Vinyl Ether	ND<10	10	1.0
Chloroform	ND<5.0	10	0.5	Chloromethane	ND<5.0	10	0.5
2-Chlorotoluene	ND<5.0	10	0.5	4-Chlorotoluene	ND<5.0	10	0.5
Dibromochloromethane	ND<5.0	10	0.5	1,2-Dibromo-3-chloropropane	ND<5.0	10	0.5
1,2-Dibromoethane (EDB)	ND<5.0	10	0.5	Dibromomethane	ND<5.0	10	0.5
1,2-Dichlorobenzene	ND<5.0	10	0.5	1,3-Dichlorobenzene	ND<5.0	10	0.5
1,4-Dichlorobenzene	ND<5.0	10	0.5	Dichlorodifluoromethane	ND<5.0	10	0.5
1,1-Dichloroethane	ND<5.0	10	0.5	1,2-Dichloroethane (1,2-DCA)	ND<5.0	10	0.5
1,1-Dichloroethene	ND<5.0	10	0.5	cis-1,2-Dichloroethene	ND<5.0	10	0.5
trans-1,2-Dichloroethene	ND<5.0	10	0.5	1,2-Dichloropropane	ND<5.0	10	0.5
1,3-Dichloropropane	ND<5.0	10	0.5	2,2-Dichloropropane	ND<5.0	10	0.5
1,1-Dichloropropene	ND<5.0	10	0.5	cis-1,3-Dichloropropene	ND<5.0	10	0.5
trans-1,3-Dichloropropene	ND<5.0	10	0.5	Diisopropyl ether (DIPE)	ND<5.0	10	0.5
Ethylbenzene	ND<5.0	10	0.5	Ethyl tert-butyl ether (ETBE)	ND<5.0	10	0.5
Freon 113	ND<100	10	10	Hexachlorobutadiene	ND<5.0	10	0.5
Hexachloroethane	ND<5.0	10	0.5	2-Hexanone	ND<5.0	10	0.5
Isopropylbenzene	ND<5.0	10	0.5	4-Isopropyl toluene	ND<5.0	10	0.5
Methyl-t-butyl ether (MTBE)	ND<5.0	10	0.5	Methylene chloride	ND<5.0	10	0.5
4-Methyl-2-pentanone (MIBK)	ND<5.0	10	0.5	Naphthalene	ND<5.0	10	0.5
Nitrobenzene	ND<100	10	10	n-Propyl benzene	ND<5.0	10	0.5
Styrene	ND<5.0	10	0.5	1,1,1,2-Tetrachloroethane	ND<5.0	10	0.5
1,1,2,2-Tetrachloroethane	ND<5.0	10	0.5	Tetrachloroethene	170	10	0.5
Toluene	ND<5.0	10	0.5	1,2,3-Trichlorobenzene	ND<5.0	10	0.5
1,2,4-Trichlorobenzene	ND<5.0	10	0.5	1,1,1-Trichloroethane	ND<5.0	10	0.5
1,1,2-Trichloroethane	ND<5.0	10	0.5	Trichloroethene	ND<5.0	10	0.5
Trichlorofluoromethane	ND<5.0	10	0.5	1,2,3-Trichloropropane	ND<5.0	10	0.5
1,2,4-Trimethylbenzene	ND<5.0	10	0.5	1,3,5-Trimethylbenzene	ND<5.0	10	0.5
Vinyl Chloride	ND<5.0	10	0.5	Xylenes	ND<5.0	10	0.5

Surrogate Recoveries (%)

%SS1:	105	%SS2:	98
%SS3:	106		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: Cal Mac Transportation	Date Sampled: 12/06/07
	Client Contact: Peter Littman	Date Received: 12/06/07
	Client P.O.:	Date Extracted: 12/08/07
		Date Analyzed: 12/08/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712186

Lab ID	0712186-012A
Client ID	B-19
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<200	20	10	Acrolein (Propenal)	ND<100	20	5.0
Acrylonitrile	ND<40	20	2.0	tert-Amyl methyl ether (TAME)	ND<10	20	0.5
Benzene	ND<10	20	0.5	Bromobenzene	ND<10	20	0.5
Bromochloromethane	ND<10	20	0.5	Bromodichloromethane	ND<10	20	0.5
Bromoform	ND<10	20	0.5	Bromomethane	ND<10	20	0.5
2-Butanone (MEK)	ND<40	20	2.0	t-Butyl alcohol (TBA)	ND<100	20	5.0
n-Butyl benzene	ND<10	20	0.5	sec-Butyl benzene	ND<10	20	0.5
tert-Butyl benzene	ND<10	20	0.5	Carbon Tetrachloride	ND<10	20	0.5
Carbon Disulfide	ND<10	20	0.5	Chlorobenzene	ND<10	20	0.5
Chloroethane	ND<10	20	0.5	2-Chloroethyl Vinyl Ether	ND<20	20	1.0
Chloroform	ND<10	20	0.5	Chloromethane	ND<10	20	0.5
2-Chlorotoluene	ND<10	20	0.5	4-Chlorotoluene	ND<10	20	0.5
Dibromochloromethane	ND<10	20	0.5	1,2-Dibromo-3-chloropropane	ND<10	20	0.5
1,2-Dibromoethane (EDB)	ND<10	20	0.5	Dibromomethane	ND<10	20	0.5
1,2-Dichlorobenzene	ND<10	20	0.5	1,3-Dichlorobenzene	ND<10	20	0.5
1,4-Dichlorobenzene	ND<10	20	0.5	Dichlorodifluoromethane	ND<10	20	0.5
1,1-Dichloroethane	ND<10	20	0.5	1,2-Dichloroethane (1,2-DCA)	ND<10	20	0.5
1,1-Dichloroethene	ND<10	20	0.5	cis-1,2-Dichloroethene	ND<10	20	0.5
trans-1,2-Dichloroethene	ND<10	20	0.5	1,2-Dichloropropane	ND<10	20	0.5
1,3-Dichloropropane	ND<10	20	0.5	2,2-Dichloropropane	ND<10	20	0.5
1,1-Dichloropropene	ND<10	20	0.5	cis-1,3-Dichloropropene	ND<10	20	0.5
trans-1,3-Dichloropropene	ND<10	20	0.5	Diisopropyl ether (DIPE)	ND<10	20	0.5
Ethylbenzene	ND<10	20	0.5	Ethyl tert-butyl ether (ETBE)	ND<10	20	0.5
Freon 113	ND<200	20	10	Hexachlorobutadiene	ND<10	20	0.5
Hexachloroethane	ND<10	20	0.5	2-Hexanone	ND<10	20	0.5
Isopropylbenzene	ND<10	20	0.5	4-Isopropyl toluene	ND<10	20	0.5
Methyl-t-butyl ether (MTBE)	ND<10	20	0.5	Methylene chloride	ND<10	20	0.5
4-Methyl-2-pentanone (MIBK)	ND<10	20	0.5	Naphthalene	ND<10	20	0.5
Nitrobenzene	ND<200	20	10	n-Propyl benzene	ND<10	20	0.5
Styrene	ND<10	20	0.5	1,1,1,2-Tetrachloroethane	ND<10	20	0.5
1,1,2,2-Tetrachloroethane	ND<10	20	0.5	Tetrachloroethene	280	20	0.5
Toluene	ND<10	20	0.5	1,2,3-Trichlorobenzene	ND<10	20	0.5
1,2,4-Trichlorobenzene	ND<10	20	0.5	1,1,1-Trichloroethane	ND<10	20	0.5
1,1,2-Trichloroethane	ND<10	20	0.5	Trichloroethene	ND<10	20	0.5
Trichlorofluoromethane	ND<10	20	0.5	1,2,3-Trichloropropane	ND<10	20	0.5
1,2,4-Trimethylbenzene	ND<10	20	0.5	1,3,5-Trimethylbenzene	ND<10	20	0.5
Vinyl Chloride	ND<10	20	0.5	Xylenes	ND<10	20	0.5

Surrogate Recoveries (%)

%SS1:	104	%SS2:	97
%SS3:	105		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: Cal Mac Transportation	Date Sampled: 12/06/07
	Client Contact: Peter Littman	Date Received: 12/06/07
	Client P.O.:	Date Extracted: 12/08/07
		Date Analyzed: 12/08/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712186

Lab ID	0712186-013A
Client ID	B-15
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<100	10	10	Acrolein (Propenal)	ND<50	10	5.0
Acrylonitrile	ND<20	10	2.0	tert-Amyl methyl ether (TAME)	ND<5.0	10	0.5
Benzene	ND<5.0	10	0.5	Bromobenzene	ND<5.0	10	0.5
Bromochloromethane	ND<5.0	10	0.5	Bromodichloromethane	ND<5.0	10	0.5
Bromoform	ND<5.0	10	0.5	Bromomethane	ND<5.0	10	0.5
2-Butanone (MEK)	ND<20	10	2.0	t-Butyl alcohol (TBA)	ND<50	10	5.0
n-Butyl benzene	ND<5.0	10	0.5	sec-Butyl benzene	ND<5.0	10	0.5
tert-Butyl benzene	ND<5.0	10	0.5	Carbon Tetrachloride	ND<5.0	10	0.5
Carbon Disulfide	ND<5.0	10	0.5	Chlorobenzene	ND<5.0	10	0.5
Chloroethane	ND<5.0	10	0.5	2-Chloroethyl Vinyl Ether	ND<10	10	1.0
Chloroform	ND<5.0	10	0.5	Chloromethane	ND<5.0	10	0.5
2-Chlorotoluene	ND<5.0	10	0.5	4-Chlorotoluene	ND<5.0	10	0.5
Dibromochloromethane	ND<5.0	10	0.5	1,2-Dibromo-3-chloropropane	ND<5.0	10	0.5
1,2-Dibromoethane (EDB)	ND<5.0	10	0.5	Dibromomethane	ND<5.0	10	0.5
1,2-Dichlorobenzene	ND<5.0	10	0.5	1,3-Dichlorobenzene	ND<5.0	10	0.5
1,4-Dichlorobenzene	ND<5.0	10	0.5	Dichlorodifluoromethane	ND<5.0	10	0.5
1,1-Dichloroethane	ND<5.0	10	0.5	1,2-Dichloroethane (1,2-DCA)	ND<5.0	10	0.5
1,1-Dichloroethene	ND<5.0	10	0.5	cis-1,2-Dichloroethene	ND<5.0	10	0.5
trans-1,2-Dichloroethene	ND<5.0	10	0.5	1,2-Dichloropropane	ND<5.0	10	0.5
1,3-Dichloropropane	ND<5.0	10	0.5	2,2-Dichloropropane	ND<5.0	10	0.5
1,1-Dichloropropene	ND<5.0	10	0.5	cis-1,3-Dichloropropene	ND<5.0	10	0.5
trans-1,3-Dichloropropene	ND<5.0	10	0.5	Diisopropyl ether (DIPE)	ND<5.0	10	0.5
Ethylbenzene	ND<5.0	10	0.5	Ethyl tert-butyl ether (ETBE)	ND<5.0	10	0.5
Freon 113	ND<100	10	10	Hexachlorobutadiene	ND<5.0	10	0.5
Hexachloroethane	ND<5.0	10	0.5	2-Hexanone	ND<5.0	10	0.5
Isopropylbenzene	ND<5.0	10	0.5	4-Isopropyl toluene	ND<5.0	10	0.5
Methyl-t-butyl ether (MTBE)	ND<5.0	10	0.5	Methylene chloride	ND<5.0	10	0.5
4-Methyl-2-pentanone (MIBK)	ND<5.0	10	0.5	Naphthalene	ND<5.0	10	0.5
Nitrobenzene	ND<100	10	10	n-Propyl benzene	ND<5.0	10	0.5
Styrene	ND<5.0	10	0.5	1,1,1,2-Tetrachloroethane	ND<5.0	10	0.5
1,1,2,2-Tetrachloroethane	ND<5.0	10	0.5	Tetrachloroethene	140	10	0.5
Toluene	ND<5.0	10	0.5	1,2,3-Trichlorobenzene	ND<5.0	10	0.5
1,2,4-Trichlorobenzene	ND<5.0	10	0.5	1,1,1-Trichloroethane	ND<5.0	10	0.5
1,1,2-Trichloroethane	ND<5.0	10	0.5	Trichloroethene	ND<5.0	10	0.5
Trichlorofluoromethane	ND<5.0	10	0.5	1,2,3-Trichloropropane	ND<5.0	10	0.5
1,2,4-Trimethylbenzene	ND<5.0	10	0.5	1,3,5-Trimethylbenzene	ND<5.0	10	0.5
Vinyl Chloride	ND<5.0	10	0.5	Xylenes	ND<5.0	10	0.5

Surrogate Recoveries (%)

%SS1:	105	%SS2:	97
%SS3:	105		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: Cal Mac Transportation	Date Sampled: 12/05/07
	Client Contact: Peter Littman	Date Received: 12/06/07
	Client P.O.:	Date Extracted: 12/06/07
		Date Analyzed: 12/07/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712186

Lab ID	0712186-014A
Client ID	B10@1.0' ← (B20-lab typo)
Matrix	Soil

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

Surrogate Recoveries (%)

%SS1:	98	%SS2:	97
%SS3:	110		

Comments:

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

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

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

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



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	Client Contact: Peter Littman	Date Received: 12/06/07
	Client P.O.:	Date Extracted: 12/06/07
		Date Analyzed: 12/07/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712186

Lab ID	0712186-015A
Client ID	B20@4.0'
Matrix	Soil

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

Surrogate Recoveries (%)

%SS1:	95	%SS2:	98
%SS3:	110		

Comments:

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

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

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

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



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	Client Contact: Peter Littman	Date Received: 12/06/07
	Client P.O.:	Date Extracted: 12/06/07
		Date Analyzed: 12/07/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712186

Lab ID	0712186-016A
Client ID	B20@7.5'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	0.0075	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	95	%SS2:	96
%SS3:	111		

Comments:

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

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

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

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



McC Campbell Analytical, Inc.

"When Quality Counts"

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

Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: Cal Mac Transportation	Date Sampled: 12/05/07
	Client Contact: Peter Littman	Date Received: 12/06/07
	Client P.O.:	Date Extracted: 12/08/07
		Date Analyzed: 12/08/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712186

Lab ID	0712186-017A
Client ID	B-20
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Tetrachloride	ND	1.0	0.5
Carbon Disulfide	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	106	%SS2:	98
%SS3:	106		

Comments:

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

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

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

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



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0712186

EPA Method SW8260B	Extraction SW5030B			BatchID: 32317			Spiked Sample ID: 0712141-001A						
	Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
		mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	103	100	2.53	103	99.3	3.51	70 - 130	30	70 - 130	30	
Benzene	ND	0.050	117	112	4.29	118	113	4.44	70 - 130	30	70 - 130	30	
t-Butyl alcohol (TBA)	ND	0.25	81.3	84.2	3.51	82.5	81	1.90	70 - 130	30	70 - 130	30	
Chlorobenzene	ND	0.050	129	129	0	128	126	1.53	70 - 130	30	70 - 130	30	
1,2-Dibromoethane (EDB)	ND	0.050	108	105	3.25	108	110	1.92	70 - 130	30	70 - 130	30	
1,2-Dichloroethane (1,2-DCA)	ND	0.050	95.3	91.7	3.90	93.5	92	1.65	70 - 130	30	70 - 130	30	
1,1-Dichloroethene	ND	0.050	96.8	92.2	4.81	99.1	95	4.21	70 - 130	30	70 - 130	30	
Diisopropyl ether (DIPE)	ND	0.050	108	104	4.44	107	104	3.18	70 - 130	30	70 - 130	30	
Ethyl tert-butyl ether (ETBE)	ND	0.050	97.3	93.7	3.78	97.4	95.3	2.19	70 - 130	30	70 - 130	30	
Methyl-t-butyl ether (MTBE)	ND	0.050	94.6	90.6	4.36	95.3	94.6	0.751	70 - 130	30	70 - 130	30	
Toluene	ND	0.050	106	104	2.10	105	105	0	70 - 130	30	70 - 130	30	
Trichloroethene	ND	0.050	104	98.3	5.88	105	102	2.65	70 - 130	30	70 - 130	30	
%SS1:	104	0.050	93	90	3.40	97	93	3.56	70 - 130	30	70 - 130	30	
%SS2:	103	0.050	89	87	1.48	89	89	0	70 - 130	30	70 - 130	30	
%SS3:	101	0.050	90	90	0	88	90	1.63	70 - 130	30	70 - 130	30	

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

BATCH 32317 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0712186-014A	12/05/07 2:24 PM	12/06/07	12/07/07 7:43 PM				

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

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

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

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

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



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0712186

EPA Method SW8260B	Extraction SW5030B			BatchID: 32340			Spiked Sample ID: 0712157-001A						
	Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
		mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	111	106	4.01	99.8	96.7	3.09	70 - 130	30	70 - 130	30	
Benzene	ND	0.050	126	120	4.86	113	109	3.41	70 - 130	30	70 - 130	30	
t-Butyl alcohol (TBA)	ND	0.25	83.8	82.5	1.63	76.7	76.7	0	70 - 130	30	70 - 130	30	
Chlorobenzene	ND	0.050	129	126	2.22	127	128	0.519	70 - 130	30	70 - 130	30	
1,2-Dibromoethane (EDB)	ND	0.050	114	119	3.77	116	113	3.03	70 - 130	30	70 - 130	30	
1,2-Dichloroethane (1,2-DCA)	ND	0.050	106	101	5.04	95.4	92.4	3.22	70 - 130	30	70 - 130	30	
1,1-Dichloroethene	ND	0.050	98.2	119	19.3	117	115	1.76	70 - 130	30	70 - 130	30	
Diisopropyl ether (DIPE)	ND	0.050	111	108	2.92	100	96.5	3.64	70 - 130	30	70 - 130	30	
Ethyl tert-butyl ether (ETBE)	ND	0.050	105	102	2.74	96.2	92.7	3.63	70 - 130	30	70 - 130	30	
Methyl-t-butyl ether (MTBE)	ND	0.050	106	105	0.474	100	96.1	3.99	70 - 130	30	70 - 130	30	
Toluene	ND	0.050	109	111	1.65	111	108	2.37	70 - 130	30	70 - 130	30	
Trichloroethene	ND	0.050	115	111	3.94	107	101	5.08	70 - 130	30	70 - 130	30	
%SS1:	93	0.050	107	101	5.02	98	96	2.59	70 - 130	30	70 - 130	30	
%SS2:	96	0.050	90	91	1.78	93	93	0	70 - 130	30	70 - 130	30	
%SS3:	110	0.050	88	89	0.506	89	90	0.813	70 - 130	30	70 - 130	30	

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

BATCH 32340 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0712186-015A	12/05/07 2:27 PM	12/06/07	12/07/07 8:28 PM	0712186-016A	12/05/07 2:30 PM	12/06/07	12/07/07 9:15 PM

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

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

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

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

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



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0712186

Analyte	EPA Method SW8260B		Extraction SW5030B			BatchID: 32354			Spiked Sample ID: 0712186-017A			
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	10	111	103	6.86	99.1	91.7	7.80	70 - 130	30	70 - 130	30
Benzene	ND	10	121	114	5.86	115	109	5.22	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	84.4	82.3	2.60	82.6	83.7	1.36	70 - 130	30	70 - 130	30
Chlorobenzene	ND	10	128	129	0.983	122	120	1.90	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	123	117	5.68	116	105	9.47	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	107	99.7	6.98	89.3	82.1	8.32	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	10	101	117	14.1	115	97.5	16.1	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	109	101	6.94	100	93.8	6.70	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	105	98	6.61	93.6	86.4	7.96	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	112	101	10.3	96.1	84.5	12.9	70 - 130	30	70 - 130	30
Toluene	ND	10	118	115	2.71	107	103	4.05	70 - 130	30	70 - 130	30
Trichloroethene	ND	10	113	106	6.32	103	94.1	8.53	70 - 130	30	70 - 130	30
%SS1:	106	10	101	95	6.84	96	88	7.74	70 - 130	30	70 - 130	30
%SS2:	98	10	93	92	1.08	86	84	2.61	70 - 130	30	70 - 130	30
%SS3:	106	10	90	89	1.60	91	91	0	70 - 130	30	70 - 130	30

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

NONE

BATCH 32354 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0712186-001A	12/06/07 10:01 AM	12/07/07	12/07/07 5:03 PM	0712186-002A	12/06/07 10:18 AM	12/07/07	12/07/07 5:49 PM
0712186-003A	12/06/07 11:01 AM	12/07/07	12/07/07 6:34 PM	0712186-004A	12/06/07 3:50 PM	12/07/07	12/07/07 7:19 PM
0712186-005A	12/06/07 12:35 PM	12/07/07	12/07/07 8:04 PM	0712186-006A	12/06/07 12:55 PM	12/08/07	12/08/07 11:39 AM
0712186-007A	12/06/07 1:50 PM	12/08/07	12/08/07 1:39 AM	0712186-008A	12/06/07 2:08 PM	12/08/07	12/08/07 2:25 AM
0712186-009A	12/06/07 2:20 PM	12/08/07	12/08/07 3:11 AM	0712186-010A	12/06/07 2:35 PM	12/08/07	12/08/07 3:29 PM
0712186-011A	12/06/07 2:50 PM	12/08/07	12/08/07 4:15 PM	0712186-012A	12/06/07 3:12 PM	12/08/07	12/08/07 5:00 PM
0712186-013A	12/06/07 3:30 PM	12/08/07	12/08/07 5:45 PM	0712186-017A	12/05/07 4:43 PM	12/08/07	12/08/07 7:00 AM

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

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

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

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.

Attachment H
Soil Gas Sampling Laboratory Analytical Reports –SG-5 through SG-24



December 26, 2007

Peter Littman
Environmental Investigation Services
170 Knowles Drive, Suite 212
Los Gatos, CA 95032

TEL: (408) 871-1470

FAX (408) 871-1520

RE: 717-3F

Order No.: 0712077

Dear Peter Littman:

Torrent Laboratory, Inc. received 4 samples on 12/14/2007 for the analyses presented in the following report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc, is certified by the State of California, ELAP #1991. If you have any questions regarding these tests results, please feel free to contact the Project Management Team at (408)263-5258;ext: 204.

Sincerely,


Laboratory Director

12/26/07
Date



TORRENT LABORATORY, INC.

483 Sinclair Frontage Road * Milpitas, CA * Phone: (408) 2635258 * Fax: (408) 263-8293
Visit us at www.torrentlab.com email: analysis@torrentlab.com

Report Prepared For: Peter Littman
Environmental Investigation Services

Date Received: 12/14/2007
Date Reported: 12/26/2007

Summary Report

SG-6		Toxic Organics in Air by EPA TO-15			Lab ID: 0712077-001A	
<u>Parameter</u>	<u>Preped</u>	<u>Analyzed</u>	<u>Result</u>	<u>RL</u>	<u>Unit</u>	
2-Butanone (MEK)	12/19/2007	12/19/2007	40	1.5	µg/m ³	
Acetone	12/19/2007	12/19/2007	8900	950	µg/m ³	
Benzene	12/19/2007	12/19/2007	15	1.6	µg/m ³	
Ethyl Benzene	12/19/2007	12/19/2007	150	1.7	µg/m ³	
m,p-Xylene	12/19/2007	12/19/2007	490	2.0	µg/m ³	
o-xylene	12/19/2007	12/19/2007	120	2.2	µg/m ³	
Styrene	12/19/2007	12/19/2007	19	2.1	µg/m ³	
Tetrachloroethene	12/19/2007	12/19/2007	100	3.4	µg/m ³	
Toluene	12/19/2007	12/19/2007	18000	190	µg/m ³	
Trichlorofluoromethane	12/19/2007	12/19/2007	34	2.5	µg/m ³	

SG-5		Toxic Organics in Air by EPA TO-15			Lab ID: 0712077-002A	
<u>Parameter</u>	<u>Preped</u>	<u>Analyzed</u>	<u>Result</u>	<u>RL</u>	<u>Unit</u>	
2-Butanone (MEK)	12/19/2007	12/19/2007	72	1.5	µg/m ³	
Acetone	12/19/2007	12/19/2007	12000	950	µg/m ³	
Benzene	12/19/2007	12/19/2007	25	1.6	µg/m ³	
Ethyl Benzene	12/19/2007	12/19/2007	120	1.7	µg/m ³	
m,p-Xylene	12/19/2007	12/19/2007	460	2.0	µg/m ³	
o-xylene	12/19/2007	12/19/2007	130	2.2	µg/m ³	
Styrene	12/19/2007	12/19/2007	24	2.1	µg/m ³	
Tetrachloroethene	12/19/2007	12/19/2007	130	3.4	µg/m ³	
Toluene	12/19/2007	12/19/2007	12000	190	µg/m ³	
Trichlorofluoromethane	12/19/2007	12/19/2007	3.6	2.5	µg/m ³	

SG-9 @ 8'		Toxic Organics in Air by EPA TO-15			Lab ID: 0712077-003A	
<u>Parameter</u>	<u>Preped</u>	<u>Analyzed</u>	<u>Result</u>	<u>RL</u>	<u>Unit</u>	
2-Butanone (MEK)	12/19/2007	12/19/2007	13	1.5	µg/m ³	
2-Hexanone	12/19/2007	12/19/2007	3.7	2.0	µg/m ³	
Acetone	12/19/2007	12/19/2007	58	9.5	µg/m ³	
Benzene	12/19/2007	12/19/2007	14	1.6	µg/m ³	
Carbon Disulfide	12/19/2007	12/19/2007	2.3	1.6	µg/m ³	
m,p-Xylene	12/19/2007	12/19/2007	7.9	2.0	µg/m ³	



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Report Prepared For: Peter Littman
Environmental Investigation Services

Date Received: 12/14/2007
Date Reported: 12/26/2007

Summary Report

SG-9 @ 8' **Toxic Organics in Air by EPA TO-15** **Lab ID: 0712077-003A**

<u>Parameter</u>	<u>Preped</u>	<u>Analyzed</u>	<u>Result</u>	<u>RL</u>	<u>Unit</u>
o-xylene	12/19/2007	12/19/2007	2.6	2.2	µg/m ³
Tetrachloroethene	12/19/2007	12/19/2007	40000	340	µg/m ³
Toluene	12/19/2007	12/19/2007	12	1.9	µg/m ³
Trichloroethene	12/19/2007	12/19/2007	17	2.7	µg/m ³
Trichlorofluoromethane	12/19/2007	12/19/2007	220	2.5	µg/m ³

SG-8 **Toxic Organics in Air by EPA TO-15** **Lab ID: 0712077-004A**

<u>Parameter</u>	<u>Preped</u>	<u>Analyzed</u>	<u>Result</u>	<u>RL</u>	<u>Unit</u>
2-Butanone (MEK)	12/19/2007	12/19/2007	11	1.5	µg/m ³
2-Hexanone	12/19/2007	12/19/2007	2.9	2.0	µg/m ³
Acetone	12/19/2007	12/19/2007	52	9.5	µg/m ³
Benzene	12/19/2007	12/19/2007	19	1.6	µg/m ³
Ethyl Benzene	12/19/2007	12/19/2007	4.2	1.7	µg/m ³
Isopropanol	12/19/2007	12/19/2007	17	16	µg/m ³
m,p-Xylene	12/19/2007	12/19/2007	12	2.0	µg/m ³
o-xylene	12/19/2007	12/19/2007	3.5	2.2	µg/m ³
Tetrachloroethene	12/19/2007	12/19/2007	45	3.4	µg/m ³
Toluene	12/19/2007	12/19/2007	18	1.9	µg/m ³
Trichlorofluoromethane	12/19/2007	12/19/2007	17	2.5	µg/m ³



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Report prepared for: Peter Littman
Environmental Investigation Services

Date Received: 12/14/2007
Date Reported: 12/26/2007

Client Sample ID: SG-6
Sample Location: 461 Mcgraw Ave, Livermore
Sample Matrix: AIR
Date/Time Sampled 12/14/2007 10:10:00 AM

Lab Sample ID: 0712077-001
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	12/19/2007	1.99	1	2.0	ND	µg/m ³	R14846
1,1,1,2-Tetrachloroethane	TO-15	12/19/2007	3.44	1	3.4	ND	µg/m ³	R14846
1,1,1-Trichloroethane	TO-15	12/19/2007	2.73	1	2.7	ND	µg/m ³	R14846
1,1,2,2-Tetrachloroethane	TO-15	12/19/2007	3.44	1	3.4	ND	µg/m ³	R14846
1,1,2-Trichloroethane	TO-15	12/19/2007	2.73	1	2.7	ND	µg/m ³	R14846
1,1-Dichloroethane	TO-15	12/19/2007	2.03	1	2.0	ND	µg/m ³	R14846
1,2,4-Trichlorobenzene	TO-15	12/19/2007	3.56	1	3.6	ND	µg/m ³	R14846
1,2,4-Trimethylbenzene	TO-15	12/19/2007	2.46	1	2.5	ND	µg/m ³	R14846
1,2-Dibromoethane(Ethylene dibromide)	TO-15	12/19/2007	3.84	1	3.8	ND	µg/m ³	R14846
1,2-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,2-Dichloroethane	TO-15	12/19/2007	2.03	1	2.0	ND	µg/m ³	R14846
1,2-Dichloropropane	TO-15	12/19/2007	2.31	1	2.3	ND	µg/m ³	R14846
1,2-dichlorotetrafluoroethane(F114)	TO-15	12/19/2007	3.13	1	3.1	ND	µg/m ³	R14846
1,3,5-Trimethylbenzene	TO-15	12/19/2007	2.46	1	2.5	ND	µg/m ³	R14846
1,3-Butadiene	TO-15	12/19/2007	1.11	1	1.1	ND	µg/m ³	R14846
1,3-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,4-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,4-Dioxane	TO-15	12/19/2007	1.8	1	1.8	ND	µg/m ³	R14846
2-Butanone (MEK)	TO-15	12/19/2007	1.48	1	1.5	40	µg/m ³	R14846
2-Hexanone	TO-15	12/19/2007	2.05	1	2.0	ND	µg/m ³	R14846
4-Ethyl Toluene	TO-15	12/19/2007	2.46	1	2.5	ND	µg/m ³	R14846
4-Methyl-2-Pentanone (MIBK)	TO-15	12/19/2007	2.05	1	2.0	ND	µg/m ³	R14846
Acetone	TO-15	12/19/2007	9.52	100	950	8900	µg/m ³	R14846
Benzene	TO-15	12/19/2007	1.6	1	1.6	15	µg/m ³	R14846
Benzyl Chloride	TO-15	12/19/2007	2.88	1	2.9	ND	µg/m ³	R14846
Bromodichloromethane	TO-15	12/19/2007	3.35	1	3.4	ND	µg/m ³	R14846
Bromoform	TO-15	12/19/2007	5.17	1	5.2	ND	µg/m ³	R14846
Bromomethane	TO-15	12/19/2007	1.94	1	1.9	ND	µg/m ³	R14846
Carbon Disulfide	TO-15	12/19/2007	1.56	1	1.6	ND	µg/m ³	R14846
Carbon Tetrachloride	TO-15	12/19/2007	3.15	1	3.2	ND	µg/m ³	R14846
Chlorobenzene	TO-15	12/19/2007	2.3	1	2.3	ND	µg/m ³	R14846
Chloroethane	TO-15	12/19/2007	1.32	1	1.3	ND	µg/m ³	R14846
Chloroform	TO-15	12/19/2007	2.44	1	2.4	ND	µg/m ³	R14846
Chloromethane	TO-15	12/19/2007	1.04	1	1.0	ND	µg/m ³	R14846
cis-1,2-dichloroethene	TO-15	12/19/2007	1.98	1	2.0	ND	µg/m ³	R14846

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Client Sample ID: SG-6
Sample Location: 461 Mcgraw Ave,Livermore
Sample Matrix: AIR
Date/Time Sampled 12/14/2007 10:10:00 AM

Lab Sample ID: 0712077-001
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
cis-1,3-Dichloropropene	TO-15	12/19/2007	2.27	1	2.3	ND	µg/m ³	R14846
Dibromochloromethane	TO-15	12/19/2007	4.26	1	4.3	ND	µg/m ³	R14846
Dichlorodifluoromethane	TO-15	12/19/2007	2.48	1	2.5	ND	µg/m ³	R14846
Ethyl Acetate	TO-15	12/19/2007	1.8	1	1.8	ND	µg/m ³	R14846
Ethyl Benzene	TO-15	12/19/2007	1.67	1	1.7	150	µg/m ³	R14846
Freon 113	TO-15	12/19/2007	3.83	1	3.8	ND	µg/m ³	R14846
Hexachlorobutadiene	TO-15	12/19/2007	5.34	1	5.3	ND	µg/m ³	R14846
Hexane	TO-15	12/19/2007	3.52	1	3.5	ND	µg/m ³	R14846
Isopropanol	TO-15	12/19/2007	16.4	1	16	ND	µg/m ³	R14846
m,p-Xylene	TO-15	12/19/2007	2.05	1	2.0	490	µg/m ³	R14846
Methylene Chloride	TO-15	12/19/2007	3.61	1	3.6	ND	µg/m ³	R14846
MTBE	TO-15	12/19/2007	1.81	1	1.8	ND	µg/m ³	R14846
Naphthalene	TO-15	12/19/2007	2.62	1	2.6	ND	µg/m ³	R14846
o-xylene	TO-15	12/19/2007	2.17	1	2.2	120	µg/m ³	R14846
Styrene	TO-15	12/19/2007	2.13	1	2.1	19	µg/m ³	R14846
Tetrachloroethene	TO-15	12/19/2007	3.39	1	3.4	100	µg/m ³	R14846
Tetrahydrofuran	TO-15	12/19/2007	1.48	1	1.5	ND	µg/m ³	R14846
Toluene	TO-15	12/19/2007	1.89	100	190	18000	µg/m ³	R14846
trans-1,2-Dichloroethene	TO-15	12/19/2007	1.98	1	2.0	ND	µg/m ³	R14846
Trichloroethene	TO-15	12/19/2007	2.69	1	2.7	ND	µg/m ³	R14846
Trichlorofluoromethane	TO-15	12/19/2007	2.48	1	2.5	34	µg/m ³	R14846
Vinyl Acetate	TO-15	12/19/2007	1.76	1	1.8	ND	µg/m ³	R14846
Vinyl Chloride	TO-15	12/19/2007	1.28	1	1.3	ND	µg/m ³	R14846
Surr: 4-Bromofluorobenzene	TO-15	12/19/2007	0	100	50-150	89.1	%REC	R14846
Surr: 4-Bromofluorobenzene	TO-15	12/19/2007	0	1	50-150	109	%REC	R14846

Client Sample ID:	SG-5	Lab Sample ID:	0712077-002
Sample Location:	461 McGraw Ave, Livermore	Date Prepared:	
Sample Matrix:	AIR		
Date/Time Sampled	12/14/2007 10:20:00 AM		

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	12/19/2007	1.99	1	2.0	ND	µg/m ³	R14846
1,1,1,2-Tetrachloroethane	TO-15	12/19/2007	3.44	1	3.4	ND	µg/m ³	R14846
1,1,1-Trichloroethane	TO-15	12/19/2007	2.73	1	2.7	ND	µg/m ³	R14846
1,1,2,2-Tetrachloroethane	TO-15	12/19/2007	3.44	1	3.4	ND	µg/m ³	R14846
1,1,2-Trichloroethane	TO-15	12/19/2007	2.73	1	2.7	ND	µg/m ³	R14846
1,1-Dichloroethane	TO-15	12/19/2007	2.03	1	2.0	ND	µg/m ³	R14846
1,2,4-Trichlorobenzene	TO-15	12/19/2007	3.56	1	3.6	ND	µg/m ³	R14846
1,2,4-Trimethylbenzene	TO-15	12/19/2007	2.46	1	2.5	ND	µg/m ³	R14846
1,2-Dibromoethane(Ethylene dibromide)	TO-15	12/19/2007	3.84	1	3.8	ND	µg/m ³	R14846
1,2-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,2-Dichloroethane	TO-15	12/19/2007	2.03	1	2.0	ND	µg/m ³	R14846
1,2-Dichloropropane	TO-15	12/19/2007	2.31	1	2.3	ND	µg/m ³	R14846
1,2-dichlorotetrafluoroethane(F114)	TO-15	12/19/2007	3.13	1	3.1	ND	µg/m ³	R14846
1,3,5-Trimethylbenzene	TO-15	12/19/2007	2.46	1	2.5	ND	µg/m ³	R14846
1,3-Butadiene	TO-15	12/19/2007	1.11	1	1.1	ND	µg/m ³	R14846
1,3-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,4-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,4-Dioxane	TO-15	12/19/2007	1.8	1	1.8	ND	µg/m ³	R14846
2-Butanone (MEK)	TO-15	12/19/2007	1.48	1	1.5	72	µg/m ³	R14846
2-Hexanone	TO-15	12/19/2007	2.05	1	2.0	ND	µg/m ³	R14846
4-Ethyl Toluene	TO-15	12/19/2007	2.46	1	2.5	ND	µg/m ³	R14846
4-Methyl-2-Pentanone (MIBK)	TO-15	12/19/2007	2.05	1	2.0	ND	µg/m ³	R14846
Acetone	TO-15	12/19/2007	9.52	100	950	12000	µg/m ³	R14846
Benzene	TO-15	12/19/2007	1.6	1	1.6	25	µg/m ³	R14846
Benzyl Chloride	TO-15	12/19/2007	2.88	1	2.9	ND	µg/m ³	R14846
Bromodichloromethane	TO-15	12/19/2007	3.35	1	3.4	ND	µg/m ³	R14846
Bromoform	TO-15	12/19/2007	5.17	1	5.2	ND	µg/m ³	R14846
Bromomethane	TO-15	12/19/2007	1.94	1	1.9	ND	µg/m ³	R14846
Carbon Disulfide	TO-15	12/19/2007	1.56	1	1.6	ND	µg/m ³	R14846
Carbon Tetrachloride	TO-15	12/19/2007	3.15	1	3.2	ND	µg/m ³	R14846
Chlorobenzene	TO-15	12/19/2007	2.3	1	2.3	ND	µg/m ³	R14846
Chloroethane	TO-15	12/19/2007	1.32	1	1.3	ND	µg/m ³	R14846
Chloroform	TO-15	12/19/2007	2.44	1	2.4	ND	µg/m ³	R14846
Chloromethane	TO-15	12/19/2007	1.04	1	1.0	ND	µg/m ³	R14846
cis-1,2-dichloroethene	TO-15	12/19/2007	1.98	1	2.0	ND	µg/m ³	R14846
cis-1,3-Dichloropropene	TO-15	12/19/2007	2.27	1	2.3	ND	µg/m ³	R14846
Dibromochloromethane	TO-15	12/19/2007	4.26	1	4.3	ND	µg/m ³	R14846
Dichlorodifluoromethane	TO-15	12/19/2007	2.48	1	2.5	ND	µg/m ³	R14846
Ethyl Acetate	TO-15	12/19/2007	1.8	1	1.8	ND	µg/m ³	R14846
Ethyl Benzene	TO-15	12/19/2007	1.67	1	1.7	120	µg/m ³	R14846
Freon 113	TO-15	12/19/2007	3.83	1	3.8	ND	µg/m ³	R14846
Hexachlorobutadiene	TO-15	12/19/2007	5.34	1	5.3	ND	µg/m ³	R14846

Client Sample ID: SG-5
Sample Location: 461 McGraw Ave, Livermore
Sample Matrix: AIR
Date/Time Sampled 12/14/2007 10:20:00 AM

Lab Sample ID: 0712077-002
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Hexane	TO-15	12/19/2007	3.52	1	3.5	ND	µg/m ³	R14846
Isopropanol	TO-15	12/19/2007	16.4	1	16	ND	µg/m ³	R14846
m,p-Xylene	TO-15	12/19/2007	2.05	1	2.0	460	µg/m ³	R14846
Methylene Chloride	TO-15	12/19/2007	3.61	1	3.6	ND	µg/m ³	R14846
MTBE	TO-15	12/19/2007	1.81	1	1.8	ND	µg/m ³	R14846
Naphthalene	TO-15	12/19/2007	2.62	1	2.6	ND	µg/m ³	R14846
o-xylene	TO-15	12/19/2007	2.17	1	2.2	130	µg/m ³	R14846
Styrene	TO-15	12/19/2007	2.13	1	2.1	24	µg/m ³	R14846
Tetrachloroethene	TO-15	12/19/2007	3.39	1	3.4	130	µg/m ³	R14846
Tetrahydrofuran	TO-15	12/19/2007	1.48	1	1.5	ND	µg/m ³	R14846
Toluene	TO-15	12/19/2007	1.89	100	190	12000	µg/m ³	R14846
trans-1,2-Dichloroethene	TO-15	12/19/2007	1.98	1	2.0	ND	µg/m ³	R14846
Trichloroethene	TO-15	12/19/2007	2.69	1	2.7	ND	µg/m ³	R14846
Trichlorofluoromethane	TO-15	12/19/2007	2.48	1	2.5	3.6	µg/m ³	R14846
Vinyl Acetate	TO-15	12/19/2007	1.76	1	1.8	ND	µg/m ³	R14846
Vinyl Chloride	TO-15	12/19/2007	1.28	1	1.3	ND	µg/m ³	R14846
Surr: 4-Bromofluorobenzene	TO-15	12/19/2007	0	100	50-150	88.6	%REC	R14846
Surr: 4-Bromofluorobenzene	TO-15	12/19/2007	0	1	50-150	104	%REC	R14846

Client Sample ID: SG-9 @ 8'
Sample Location: 461 Mcgraw Ave,Livermore
Sample Matrix: AIR
Date/Time Sampled 12/14/2007 11:02:00 AM

Lab Sample ID: 0712077-003
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	12/19/2007	1.99	1	2.0	ND	µg/m³	R14846
1,1,1,2-Tetrachloroethane	TO-15	12/19/2007	3.44	1	3.4	ND	µg/m³	R14846
1,1,1-Trichloroethane	TO-15	12/19/2007	2.73	1	2.7	ND	µg/m³	R14846
1,1,2,2-Tetrachloroethane	TO-15	12/19/2007	3.44	1	3.4	ND	µg/m³	R14846
1,1,2-Trichloroethane	TO-15	12/19/2007	2.73	1	2.7	ND	µg/m³	R14846
1,1-Dichloroethane	TO-15	12/19/2007	2.03	1	2.0	ND	µg/m³	R14846
1,2,4-Trichlorobenzene	TO-15	12/19/2007	3.56	1	3.6	ND	µg/m³	R14846
1,2,4-Trimethylbenzene	TO-15	12/19/2007	2.46	1	2.5	ND	µg/m³	R14846
1,2-Dibromoethane(Ethylene dibromide)	TO-15	12/19/2007	3.84	1	3.8	ND	µg/m³	R14846
1,2-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m³	R14846
1,2-Dichloroethane	TO-15	12/19/2007	2.03	1	2.0	ND	µg/m³	R14846
1,2-Dichloropropane	TO-15	12/19/2007	2.31	1	2.3	ND	µg/m³	R14846
1,2-dichlorotetrafluoroethane(F114)	TO-15	12/19/2007	3.13	1	3.1	ND	µg/m³	R14846
1,3,5-Trimethylbenzene	TO-15	12/19/2007	2.46	1	2.5	ND	µg/m³	R14846
1,3-Butadiene	TO-15	12/19/2007	1.11	1	1.1	ND	µg/m³	R14846
1,3-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m³	R14846
1,4-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m³	R14846
1,4-Dioxane	TO-15	12/19/2007	1.8	1	1.8	ND	µg/m³	R14846
2-Butanone (MEK)	TO-15	12/19/2007	1.48	1	1.5	13	µg/m³	R14846
2-Hexanone	TO-15	12/19/2007	2.05	1	2.0	3.7	µg/m³	R14846
4-Ethyl Toluene	TO-15	12/19/2007	2.46	1	2.5	ND	µg/m³	R14846
4-Methyl-2-Pentanone (MIBK)	TO-15	12/19/2007	2.05	1	2.0	ND	µg/m³	R14846
Acetone	TO-15	12/19/2007	9.52	1	9.5	58	µg/m³	R14846
Benzene	TO-15	12/19/2007	1.6	1	1.6	14	µg/m³	R14846
Benzyl Chloride	TO-15	12/19/2007	2.88	1	2.9	ND	µg/m³	R14846
Bromodichloromethane	TO-15	12/19/2007	3.35	1	3.4	ND	µg/m³	R14846
Bromoform	TO-15	12/19/2007	5.17	1	5.2	ND	µg/m³	R14846
Bromomethane	TO-15	12/19/2007	1.94	1	1.9	ND	µg/m³	R14846
Carbon Disulfide	TO-15	12/19/2007	1.56	1	1.6	2.3	µg/m³	R14846
Carbon Tetrachloride	TO-15	12/19/2007	3.15	1	3.2	ND	µg/m³	R14846
Chlorobenzene	TO-15	12/19/2007	2.3	1	2.3	ND	µg/m³	R14846
Chloroethane	TO-15	12/19/2007	1.32	1	1.3	ND	µg/m³	R14846
Chloroform	TO-15	12/19/2007	2.44	1	2.4	ND	µg/m³	R14846
Chloromethane	TO-15	12/19/2007	1.04	1	1.0	ND	µg/m³	R14846
cis-1,2-dichloroethene	TO-15	12/19/2007	1.98	1	2.0	ND	µg/m³	R14846
cis-1,3-Dichloropropene	TO-15	12/19/2007	2.27	1	2.3	ND	µg/m³	R14846
Dibromochloromethane	TO-15	12/19/2007	4.26	1	4.3	ND	µg/m³	R14846
Dichlorodifluoromethane	TO-15	12/19/2007	2.48	1	2.5	ND	µg/m³	R14846
Ethyl Acetate	TO-15	12/19/2007	1.8	1	1.8	ND	µg/m³	R14846
Ethyl Benzene	TO-15	12/19/2007	1.67	1	1.7	ND	µg/m³	R14846
Freon 113	TO-15	12/19/2007	3.83	1	3.8	ND	µg/m³	R14846
Hexachlorobutadiene	TO-15	12/19/2007	5.34	1	5.3	ND	µg/m³	R14846

Client Sample ID: SG-9 @ 8'
Sample Location: 461 McGraw Ave, Livermore
Sample Matrix: AIR
Date/Time Sampled 12/14/2007 11:02:00 AM

Lab Sample ID: 0712077-003
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Hexane	TO-15	12/19/2007	3.52	1	3.5	ND	µg/m ³	R14846
Isopropanol	TO-15	12/19/2007	16.4	1	16	ND	µg/m ³	R14846
m,p-Xylene	TO-15	12/19/2007	2.05	1	2.0	7.9	µg/m ³	R14846
Methylene Chloride	TO-15	12/19/2007	3.61	1	3.6	ND	µg/m ³	R14846
MTBE	TO-15	12/19/2007	1.81	1	1.8	ND	µg/m ³	R14846
Naphthalene	TO-15	12/19/2007	2.62	1	2.6	ND	µg/m ³	R14846
o-xylene	TO-15	12/19/2007	2.17	1	2.2	2.6	µg/m ³	R14846
Styrene	TO-15	12/19/2007	2.13	1	2.1	ND	µg/m ³	R14846
Tetrachloroethene	TO-15	12/19/2007	3.39	100	340	40000	µg/m ³	R14846
Tetrahydrofuran	TO-15	12/19/2007	1.48	1	1.5	ND	µg/m ³	R14846
Toluene	TO-15	12/19/2007	1.89	1	1.9	12	µg/m ³	R14846
trans-1,2-Dichloroethene	TO-15	12/19/2007	1.98	1	2.0	ND	µg/m ³	R14846
Trichloroethene	TO-15	12/19/2007	2.69	1	2.7	17	µg/m ³	R14846
Trichlorofluoromethane	TO-15	12/19/2007	2.48	1	2.5	220	µg/m ³	R14846
Vinyl Acetate	TO-15	12/19/2007	1.76	1	1.8	ND	µg/m ³	R14846
Vinyl Chloride	TO-15	12/19/2007	1.28	1	1.3	ND	µg/m ³	R14846
Surr: 4-Bromofluorobenzene	TO-15	12/19/2007	0	100	50-150	90.0	%REC	R14846
Surr: 4-Bromofluorobenzene	TO-15	12/19/2007	0	1	50-150	91.2	%REC	R14846

Client Sample ID: SG-8
 Sample Location: 461 McGraw Ave, Livermore
 Sample Matrix: AIR
 Date/Time Sampled 12/14/2007 11:15:00 AM

Lab Sample ID: 0712077-004
 Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	12/19/2007	1.99	1	2.0	ND	µg/m ³	R14846
1,1,1,2-Tetrachloroethane	TO-15	12/19/2007	3.44	1	3.4	ND	µg/m ³	R14846
1,1,1-Trichloroethane	TO-15	12/19/2007	2.73	1	2.7	ND	µg/m ³	R14846
1,1,2,2-Tetrachloroethane	TO-15	12/19/2007	3.44	1	3.4	ND	µg/m ³	R14846
1,1,2-Trichloroethane	TO-15	12/19/2007	2.73	1	2.7	ND	µg/m ³	R14846
1,1-Dichloroethane	TO-15	12/19/2007	2.03	1	2.0	ND	µg/m ³	R14846
1,2,4-Trichlorobenzene	TO-15	12/19/2007	3.56	1	3.6	ND	µg/m ³	R14846
1,2,4-Trimethylbenzene	TO-15	12/19/2007	2.46	1	2.5	ND	µg/m ³	R14846
1,2-Dibromoethane(Ethylene dibromide)	TO-15	12/19/2007	3.84	1	3.8	ND	µg/m ³	R14846
1,2-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,2-Dichloroethane	TO-15	12/19/2007	2.03	1	2.0	ND	µg/m ³	R14846
1,2-Dichloropropane	TO-15	12/19/2007	2.31	1	2.3	ND	µg/m ³	R14846
1,2-dichlorotetrafluoroethane(F114)	TO-15	12/19/2007	3.13	1	3.1	ND	µg/m ³	R14846
1,3,5-Trimethylbenzene	TO-15	12/19/2007	2.46	1	2.5	ND	µg/m ³	R14846
1,3-Butadiene	TO-15	12/19/2007	1.11	1	1.1	ND	µg/m ³	R14846
1,3-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,4-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,4-Dioxane	TO-15	12/19/2007	1.8	1	1.8	ND	µg/m ³	R14846
2-Butanone (MEK)	TO-15	12/19/2007	1.48	1	1.5	11	µg/m ³	R14846
2-Hexanone	TO-15	12/19/2007	2.05	1	2.0	2.9	µg/m ³	R14846
4-Ethyl Toluene	TO-15	12/19/2007	2.46	1	2.5	ND	µg/m ³	R14846
4-Methyl-2-Pentanone (MIBK)	TO-15	12/19/2007	2.05	1	2.0	ND	µg/m ³	R14846
Acetone	TO-15	12/19/2007	9.52	1	9.5	52	µg/m ³	R14846
Benzene	TO-15	12/19/2007	1.6	1	1.6	19	µg/m ³	R14846
Benzyl Chloride	TO-15	12/19/2007	2.88	1	2.9	ND	µg/m ³	R14846
Bromodichloromethane	TO-15	12/19/2007	3.35	1	3.4	ND	µg/m ³	R14846
Bromoform	TO-15	12/19/2007	5.17	1	5.2	ND	µg/m ³	R14846
Bromomethane	TO-15	12/19/2007	1.94	1	1.9	ND	µg/m ³	R14846
Carbon Disulfide	TO-15	12/19/2007	1.56	1	1.6	ND	µg/m ³	R14846
Carbon Tetrachloride	TO-15	12/19/2007	3.15	1	3.2	ND	µg/m ³	R14846
Chlorobenzene	TO-15	12/19/2007	2.3	1	2.3	ND	µg/m ³	R14846
Chloroethane	TO-15	12/19/2007	1.32	1	1.3	ND	µg/m ³	R14846
Chloroform	TO-15	12/19/2007	2.44	1	2.4	ND	µg/m ³	R14846
Chloromethane	TO-15	12/19/2007	1.04	1	1.0	ND	µg/m ³	R14846
cis-1,2-dichloroethene	TO-15	12/19/2007	1.98	1	2.0	ND	µg/m ³	R14846
cis-1,3-Dichloropropene	TO-15	12/19/2007	2.27	1	2.3	ND	µg/m ³	R14846
Dibromochloromethane	TO-15	12/19/2007	4.26	1	4.3	ND	µg/m ³	R14846
Dichlorodifluoromethane	TO-15	12/19/2007	2.48	1	2.5	ND	µg/m ³	R14846
Ethyl Acetate	TO-15	12/19/2007	1.8	1	1.8	ND	µg/m ³	R14846
Ethyl Benzene	TO-15	12/19/2007	1.67	1	1.7	4.2	µg/m ³	R14846
Freon 113	TO-15	12/19/2007	3.83	1	3.8	ND	µg/m ³	R14846
Hexachlorobutadiene	TO-15	12/19/2007	5.34	1	5.3	ND	µg/m ³	R14846

Client Sample ID: SG-8
Sample Location: 461 McGraw Ave, Livermore
Sample Matrix: AIR
Date/Time Sampled 12/14/2007 11:15:00 AM

Lab Sample ID: 0712077-004
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Hexane	TO-15	12/19/2007	3.52	1	3.5	ND	µg/m ³	R14846
Isopropanol	TO-15	12/19/2007	16.4	1	16	17	µg/m ³	R14846
m,p-Xylene	TO-15	12/19/2007	2.05	1	2.0	12	µg/m ³	R14846
Methylene Chloride	TO-15	12/19/2007	3.61	1	3.6	ND	µg/m ³	R14846
MTBE	TO-15	12/19/2007	1.81	1	1.8	ND	µg/m ³	R14846
Naphthalene	TO-15	12/19/2007	2.62	1	2.6	ND	µg/m ³	R14846
o-xylene	TO-15	12/19/2007	2.17	1	2.2	3.5	µg/m ³	R14846
Styrene	TO-15	12/19/2007	2.13	1	2.1	ND	µg/m ³	R14846
Tetrachloroethene	TO-15	12/19/2007	3.39	1	3.4	45	µg/m ³	R14846
Tetrahydrofuran	TO-15	12/19/2007	1.48	1	1.5	ND	µg/m ³	R14846
Toluene	TO-15	12/19/2007	1.89	1	1.9	18	µg/m ³	R14846
trans-1,2-Dichloroethene	TO-15	12/19/2007	1.98	1	2.0	ND	µg/m ³	R14846
Trichloroethene	TO-15	12/19/2007	2.69	1	2.7	ND	µg/m ³	R14846
Trichlorofluoromethane	TO-15	12/19/2007	2.48	1	2.5	17	µg/m ³	R14846
Vinyl Acetate	TO-15	12/19/2007	1.76	1	1.8	ND	µg/m ³	R14846
Vinyl Chloride	TO-15	12/19/2007	1.28	1	1.3	ND	µg/m ³	R14846
Surr: 4-Bromofluorobenzene	TO-15	12/19/2007	0	1	50-150	92.8	%REC	R14846

Definitions, legends and Notes

Note	Description
ug/kg	Microgram per kilogram (ppb, part per billion).
ug/L	Microgram per liter (ppb, part per billion).
mg/kg	Milligram per kilogram (ppm, part per million).
mg/L	Milligram per liter (ppm, part per million).
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate.
MDL	Method detection limit.
MRL	Modified reporting limit. When sample is subject to dilution, reporting limit times dilution factor yields MRL.
MS/MSD	Matrix spike/matrix spike duplicate.
N/A	Not applicable.
ND	Not detected at or above detection limit.
NR	Not reported.
QC	Quality Control.
RL	Reporting limit.
% RPD	Percent relative difference.
a	pH was measured immediately upon the receipt of the sample, but it was still done outside the holding time.
sub	Analyzed by subcontracting laboratory, Lab Certificate #

CLIENT: Environmental Investigation Services
Work Order: 0712077
Project: 717-3F

ANALYTICAL QC SUMMARY REPORT

BatchID: R14846

Sample ID MB	SampType: MBLK	TestCode: TO-15	Units: ppbv	Prep Date: 12/19/2007	RunNo: 14846
Client ID: ZZZZZ	Batch ID: R14846	TestNo: TO-15		Analysis Date: 12/19/2007	SeqNo: 214422

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1 - Dichloroethene	ND	0.50									
1,1,1,2-Tetrachloroethane	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,1,2,2-Tetrachloroethane	ND	0.50									
1,1,2-Trichloroethane	ND	0.50									
1,1-Dichloroethane	ND	0.50									
1,2,4-Trichlorobenzene	ND	0.50									
1,2,4-Trimethylbenzene	ND	0.50									
1,2-Dibromoethane(Ethylene dibromide)	ND	0.50									
1,2-Dichlorobenzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									
1,2-dichlorotetrafluoroethane(F114)	ND	0.50									
1,3,5-Trimethylbenzene	ND	0.50									
1,3-Butadiene	ND	0.50									
1,3-Dichlorobenzene	ND	0.50									
1,4-Dichlorobenzene	ND	0.50									
1,4-Dioxane	ND	0.50									
2-Butanone (MEK)	ND	0.50									
2-Hexanone	ND	0.50									
4-Ethyl Toluene	ND	0.50									
4-Methyl-2-Pentanone (MIBK)	ND	0.50									
Acetone	ND	4.0									
Benzene	ND	0.50									
Benzyl Chloride	ND	0.50									
Bromodichloromethane	ND	0.50									
Bromoform	ND	0.50									
Bromomethane	ND	0.50									
Carbon Disulfide	ND	0.50									
Carbon Tetrachloride	ND	0.50									

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712077
Project: 717-3F

ANALYTICAL QC SUMMARY REPORT

BatchID: R14846

Sample ID	SampType	TestCode	Units			Prep Date	RunNo				
MB	MBLK	TO-15	ppbv			12/19/2007	14846				
Client ID	Batch ID	TestNo				Analysis Date	SeqNo				
ZZZZZ	R14846	TO-15				12/19/2007	214422				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	0.50									
Chloroethane	ND	0.50									
Chloroform	ND	0.50									
Chloromethane	ND	0.50									
cis-1,2-dichloroethene	ND	0.50									
cis-1,3-Dichloropropene	ND	0.50									
Dibromochloromethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethyl Acetate	ND	0.50									
Ethyl Benzene	ND	0.50									
Freon 113	ND	0.50									
Hexachlorobutadiene	ND	0.50									
Hexane	ND	1.0									
Isopropanol	ND	4.0									
m,p-Xylene	ND	0.50									
Methylene Chloride	ND	1.0									
MTBE	ND	0.50									
Naphthalene	ND	5.0									
o-xylene	ND	0.50									
Styrene	ND	0.50									
Tetrachloroethene	ND	0.50									
Tetrahydrofuran	ND	0.50									
Toluene	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Trichloroethene	ND	0.50									
Trichlorofluoromethane	ND	0.50									
Vinyl Acetate	ND	0.50									
Vinyl Chloride	ND	0.50									
Surr: 4-Bromofluorobenzene	19.85	0	20	0	99.2	65	135				

Qualifiers:	E Value above quantitation range	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits	S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712077
Project: 717-3F

ANALYTICAL QC SUMMARY REPORT

BatchID: R14846

Sample ID	LCS	SampType: LCS	TestCode: TO-15	Units: ppbv	Prep Date: 12/18/2007	RunNo: 14846					
Client ID: ZZZZZ	Batch ID: R14846	TestNo: TO-15	Analysis Date: 12/18/2007	SeqNo: 214423							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1 - Dichloroethene	20.58	0.50	20	0	103	65	135				
1,1,1,2-Tetrachloroethane	21.35	0.50	20	0	107	65	135				
1,1,1-Trichloroethane	19.38	0.50	20	0	96.9	65	135				
1,1,2,2-Tetrachloroethane	20.78	0.50	20	0	104	65	135				
1,1,2-Trichloroethane	21.57	0.50	20	0	108	65	135				
1,1-Dichloroethane	20.30	0.50	20	0	102	65	135				
1,2,4-Trichlorobenzene	18.11	0.50	20	0	90.6	65	135				
1,2,4-Trimethylbenzene	19.74	0.50	20	0	98.7	65	135				
1,2-Dibromoethane(Ethylene dibromide)	20.22	0.50	20	0	101	65	135				
1,2-Dichlorobenzene	19.39	0.50	20	0	97.0	65	135				
1,2-Dichloroethane	21.70	0.50	20	0	108	65	135				
1,2-Dichloropropane	21.37	0.50	20	0	107	65	135				
1,2-dichlorotetrafluoroethane(F114)	15.30	0.50	20	0	76.5	65	135				
1,3,5-Trimethylbenzene	20.58	0.50	20	0	103	65	135				
1,3-Butadiene	20.64	0.50	20	0	103	65	135				
1,3-Dichlorobenzene	19.27	0.50	20	0	96.4	65	135				
1,4-Dichlorobenzene	19.27	0.50	20	0	96.4	65	135				
1,4-Dioxane	22.38	0.50	20	0	112	65	135				
2-Butanone (MEK)	21.93	0.50	20	0	110	65	135				
2-Hexanone	22.95	0.50	20	0	115	65	135				
4-Ethyl Toluene	20.90	0.50	20	0	104	65	135				
4-Methyl-2-Pentanone (MIBK)	22.26	0.50	20	0	111	65	135				
Acetone	23.19	4.0	20	0	116	65	135				
Benzene	20.12	0.50	20	0	101	65	135				
Benzyl Chloride	19.92	0.50	20	0	99.6	65	135				
Bromodichloromethane	21.52	0.50	20	0	108	65	135				
Bromoform	21.61	0.50	20	0	108	65	135				
Bromomethane	19.61	0.50	20	0	98.0	65	135				
Carbon Disulfide	20.97	0.50	20	0	105	65	135				
Carbon Tetrachloride	18.99	0.50	20	0	95.0	65	135				
Chlorobenzene	21.64	0.50	20	0	108	65	135				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712077
Project: 717-3F

ANALYTICAL QC SUMMARY REPORT

BatchID: R14846

Sample ID	SampType:	TestCode:	Units:			Prep Date:	RunNo:				
LCS	LCS	TO-15	ppbv			12/18/2007	14846				
Client ID:	Batch ID:	TestNo:				Analysis Date:	SeqNo:				
ZZZZZ	R14846	TO-15				12/18/2007	214423				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	19.54	0.50	20	0	97.7	65	135				
Chloroform	19.35	0.50	20	0	96.8	65	135				
Chloromethane	21.09	0.50	20	0	105	65	135				
cis-1,2-dichloroethene	19.46	0.50	20	0	97.3	65	135				
cis-1,3-Dichloropropene	20.96	0.50	20	0	105	65	135				
Dibromochloromethane	21.27	0.50	20	0	106	65	135				
Ethyl Acetate	21.61	0.50	20	0	108	65	135				
Ethyl Benzene	20.20	0.50	20	0	101	65	135				
Freon 113	19.28	0.50	20	0	96.4	65	135				
Hexachlorobutadiene	16.93	0.50	20	0	84.6	65	135				
Hexane	20.21	1.0	20	0	101	65	135				
Isopropanol	21.59	4.0	20	0	108	65	135				
m,p-Xylene	41.21	0.50	40	0	103	65	135				
Methylene Chloride	21.19	1.0	20	0	106	65	135				
MTBE	20.51	0.50	20	0	103	65	135				
Naphthalene	17.83	5.0	20	0	89.2	65	135				
o-xylene	20.88	0.50	20	0	104	65	135				
Styrene	20.52	0.50	20	0	103	65	135				
Tetrachloroethene	20.79	0.50	20	0	104	65	135				
Toluene	20.78	0.50	20	0	104	65	135				
trans-1,2-Dichloroethene	19.65	0.50	20	0	98.2	65	135				
Trichloroethene	20.84	0.50	20	0	104	65	135				
Trichlorofluoromethane	20.91	0.50	20	0	105	65	135				
Vinyl Acetate	21.90	0.50	20	0	110	65	135				
Vinyl Chloride	20.14	0.50	20	0	101	65	135				
Surr: 4-Bromofluorobenzene	19.36	0	20	0	96.8	65	135				

Sample ID	SampType:	TestCode:	Units:			Prep Date:	RunNo:				
LCS	LCS	TO-15	ppbv			12/19/2007	14846				
Client ID:	Batch ID:	TestNo:				Analysis Date:	SeqNo:				
ZZZZZ	R14846	TO-15				12/19/2007	214424				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712077
Project: 717-3F

ANALYTICAL QC SUMMARY REPORT

BatchID: R14846

Sample ID	LCSD	SampType: LCSD	TestCode: TO-15	Units: ppbv	Prep Date: 12/19/2007	RunNo: 14846					
Client ID: ZZZZZ	Batch ID: R14846	TestNo: TO-15	Analysis Date: 12/19/2007	SeqNo: 214424							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1 - Dichloroethene	20.00	0.50	20	0	100	65	135	20.58	2.86	30	
1,1,1,2-Tetrachloroethane	21.15	0.50	20	0	106	65	135	21.35	0.941	30	
1,1,1-Trichloroethane	20.05	0.50	20	0	100	65	135	19.38	3.40	30	
1,1,2,2-Tetrachloroethane	20.46	0.50	20	0	102	65	135	20.78	1.55	30	
1,1,2-Trichloroethane	21.21	0.50	20	0	106	65	135	21.57	1.68	30	
1,1-Dichloroethane	19.59	0.50	20	0	98.0	65	135	20.3	3.56	30	
1,2,4-Trichlorobenzene	17.85	0.50	20	0	89.2	65	135	18.11	1.45	30	
1,2,4-Trimethylbenzene	20.17	0.50	20	0	101	65	135	19.74	2.15	30	
1,2-Dibromoethane(Ethylene dibromide)	20.57	0.50	20	0	103	65	135	20.22	1.72	30	
1,2-Dichlorobenzene	19.03	0.50	20	0	95.2	65	135	19.39	1.87	30	
1,2-Dichloroethane	22.23	0.50	20	0	111	65	135	21.7	2.41	30	
1,2-Dichloropropane	20.18	0.50	20	0	101	65	135	21.37	5.73	30	
1,2-dichlorotetrafluoroethane(F114)	17.03	0.50	20	0	85.2	65	135	15.3	10.7	30	
1,3,5-Trimethylbenzene	20.58	0.50	20	0	103	65	135	20.58	0	30	
1,3-Butadiene	19.75	0.50	20	0	98.8	65	135	20.64	4.41	30	
1,3-Dichlorobenzene	19.63	0.50	20	0	98.2	65	135	19.27	1.85	30	
1,4-Dichlorobenzene	19.63	0.50	20	0	98.2	65	135	19.27	1.85	30	
1,4-Dioxane	23.22	0.50	20	0	116	65	135	22.38	3.68	30	
2-Butanone (MEK)	20.95	0.50	20	0	105	65	135	21.93	4.57	30	
2-Hexanone	21.77	0.50	20	0	109	65	135	22.95	5.28	30	
4-Ethyl Toluene	20.60	0.50	20	0	103	65	135	20.9	1.45	30	
4-Methyl-2-Pentanone (MIBK)	22.71	0.50	20	0	114	65	135	22.26	2.00	30	
Acetone	21.93	4.0	20	0	110	65	135	23.19	5.59	30	
Benzene	19.58	0.50	20	0	97.9	65	135	20.12	2.72	30	
Benzyl Chloride	20.09	0.50	20	0	100	65	135	19.92	0.850	30	
Bromodichloromethane	22.38	0.50	20	0	112	65	135	21.52	3.92	30	
Bromoform	21.70	0.50	20	0	108	65	135	21.61	0.416	30	
Bromomethane	19.43	0.50	20	0	97.2	65	135	19.61	0.922	30	
Carbon Disulfide	19.87	0.50	20	0	99.4	65	135	20.97	5.39	30	
Carbon Tetrachloride	19.66	0.50	20	0	98.3	65	135	18.99	3.47	30	
Chlorobenzene	21.10	0.50	20	0	106	65	135	21.64	2.53	30	

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712077
Project: 717-3F

ANALYTICAL QC SUMMARY REPORT

BatchID: R14846

Sample ID	LCSD	SampType: LCSD	TestCode: TO-15			Units: ppbv	Prep Date: 12/19/2007			RunNo: 14846		
Client ID:	ZZZZZ	Batch ID: R14846	TestNo: TO-15			Analysis Date: 12/19/2007			SeqNo: 214424			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Chloroethane	15.37	0.50	20	0	76.8	65	135	19.54	23.9	30		
Chloroform	19.39	0.50	20	0	97.0	65	135	19.35	0.207	30		
Chloromethane	22.67	0.50	20	0	113	65	135	21.09	7.22	30		
cis-1,2-dichloroethene	19.71	0.50	20	0	98.6	65	135	19.46	1.28	30		
cis-1,3-Dichloropropene	22.11	0.50	20	0	111	65	135	20.96	5.34	30		
Dibromochloromethane	21.00	0.50	20	0	105	65	135	21.27	1.28	30		
Ethyl Acetate	20.75	0.50	20	0	104	65	135	21.61	4.06	30		
Ethyl Benzene	20.35	0.50	20	0	102	65	135	20.2	0.740	30		
Freon 113	20.15	0.50	20	0	101	65	135	19.28	4.41	30		
Hexachlorobutadiene	17.06	0.50	20	0	85.3	65	135	16.93	0.765	30		
Hexane	19.98	1.0	20	0	99.9	65	135	20.21	1.14	30		
Isopropanol	22.18	4.0	20	0	111	65	135	21.59	2.70	30		
m,p-Xylene	39.86	0.50	40	0	99.7	65	135	41.21	3.33	30		
Methylene Chloride	19.80	1.0	20	0	99.0	65	135	21.19	6.78	30		
MTBE	20.32	0.50	20	0	102	65	135	20.51	0.931	30		
Naphthalene	17.94	5.0	20	0	89.7	65	135	17.83	0.615	30		
o-xylene	19.86	0.50	20	0	99.3	65	135	20.88	5.01	30		
Styrene	20.46	0.50	20	0	102	65	135	20.52	0.293	30		
Tetrachloroethene	20.57	0.50	20	0	103	65	135	20.79	1.06	30		
Toluene	22.21	0.50	20	0	111	65	135	20.78	6.65	30		
trans-1,2-Dichloroethene	19.12	0.50	20	0	95.6	65	135	19.65	2.73	30		
Trichloroethene	21.18	0.50	20	0	106	65	135	20.84	1.62	30		
Trichlorofluoromethane	20.11	0.50	20	0	101	65	135	20.91	3.90	30		
Vinyl Acetate	20.96	0.50	20	0	105	65	135	21.9	4.39	30		
Vinyl Chloride	19.16	0.50	20	0	95.8	65	135	20.14	4.99	30		
Surr: 4-Bromofluorobenzene	19.80	0	20	0	99.0	65	135	0	0	30		

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits



483 Sinclair Frontage Road
 Milpitas, CA 95035
 Phone: 408.263.5258
 FAX: 408.263.8293
 www.torrentlab.com

CHAIN OF CUSTODY

LAB WORK ORDER NO

0712077

NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY.

Company Name: Environmental Investigation Services Location of Sampling: 461 McGraw Ave. Livermore, CA
 Address: 170 Knowles Drive Suite 212 Purpose:
 City: Los Gatos State: CA Zip Code: 95032 Special Instructions / Comments:
 Telephone: 408 871 1470 FAX: 408 871 1520
 REPORT TO: Peter Littman SAMPLER: Penindhar + Em P.O. #: 717-3F EMAIL: plittman@eis1.net

TURNAROUND TIME:

- 10 Work Days 3 Work Days Noon - Nxt Day
 7 Work Days 2 Work Days 2 - 8 Hours
 5 Work Days 1 Work Day Other

SAMPLE TYPE:

- Storm Water Air
 Waste Water Other
 Ground Water
 Soil

REPORT FORMAT:

- QC Level IV
 EDF
 Excel / EDD

- EPA 260B Full List
 EPA 8260B 8040 List
 THP gas BTEX
 Oxygenates MTBE
 THP Diesel Si-Gel
 Motor Oil
 Pesticide - 8081
 PCB - 8082
 Metals CAM - 17
 LUFT 5 7 Metals
 8270 Full List
 PAHs Only
10-15

ANALYSIS REQUESTED

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	EPA 260B Full List	EPA 8260B 8040 List	THP gas	BTEX	Oxygenates	MTBE	THP Diesel	Si-Gel	Motor Oil	Pesticide - 8081	PCB - 8082	Metals CAM - 17	LUFT 5	7 Metals	8270 Full List	PAHs Only	REMARKS
	SG-7 <u>TEAS</u>		Gas		Summa	X	X															
01A	SG-6	10:10 12/14/07	Gas	1	Summa	X	X															
02A	SG-5	10:20 12/14/07	"	1	"	X	X															
03A	SG-9 @ 8'	11:02 12/14/07	"	1	"	X	X															
04A	SG-8	11:15 12/14/07	"	1	"	X	X															

TORRENT LAB

1 Relinquished By: P. Littman Print: PANINDHAR Date: 12/14 Time: 12:45 Received By: Raj Kant Print: Raj Kant Date: 12/14 Time: 1:15
 2 Relinquished By: P. Littman Print: PANINDHAR Date: 12/14 Time: 1:56 Received By: Raj Kant Print: Raj Kant Date: 12/14/07 Time: 1:55 p.m.

Were Samples Received in Good Condition? Yes NO Samples on Ice? Yes NO Method of Shipment _____ Sample seals intact? Yes NO N/A

NOTE: Samples (1) are discarded by the laboratory 30 days from date of receipt unless other arrangements are made. Page (1) of (1)

Log In By: NED Date: 12/17 Log In Reviewed By: _____ Date: _____



December 27, 2007

Peter Littman
Environmental Investigation Services
170 Knowles Drive, Suite 212
Los Gatos, CA 95032

TEL: (408) 871-1470

FAX (408) 871-1520

RE: 717-3F /461 McGraw Ave, Livermore CA

Order No.: 0712078

Dear Peter Littman:

Torrent Laboratory, Inc. received 10 samples on 12/17/2007 for the analyses presented in the following report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc, is certified by the State of California, ELAP #1991. If you have any questions regarding these tests results, please feel free to contact the Project Management Team at (408)263-5258;ext: 204.

Sincerely,


Laboratory Director

12/27/07
Date



TORRENT LABORATORY, INC.

483 Sinclair Frontage Road * Milpitas, CA * Phone: (408) 2635258 * Fax: (408) 263-8293

Visit us at www.torrentlab.com email: analysis@torrentlab.com

Report Prepared For: Peter Littman
Environmental Investigation Services

Date Received: 12/17/2007
Date Reported: 12/27/2007

Summary Report

SG-9@4'A **Toxic Organics in Air by EPA TO-15** **Lab ID: 0712078-001A**

<u>Parameter</u>	<u>Preped</u>	<u>Analyzed</u>	<u>Result</u>	<u>RL</u>	<u>Unit</u>
2-Butanone (MEK)	12/19/2007	12/19/2007	6.1	1.5	µg/m ³
Acetone	12/19/2007	12/19/2007	150	9.5	µg/m ³
Benzene	12/19/2007	12/19/2007	1.9	1.6	µg/m ³
Carbon Disulfide	12/19/2007	12/19/2007	5.2	1.6	µg/m ³
Isopropanol	12/20/2007	12/20/2007	4300	330	µg/m ³
m,p-Xylene	12/19/2007	12/19/2007	15	2.0	µg/m ³
o-xylene	12/19/2007	12/19/2007	3.8	2.2	µg/m ³
Tetrachloroethene	12/20/2007	12/20/2007	3100	68	µg/m ³
Toluene	12/19/2007	12/19/2007	6.9	1.9	µg/m ³
Trichlorofluoromethane	12/19/2007	12/19/2007	58	2.5	µg/m ³

SG-7B **Toxic Organics in Air by EPA TO-15** **Lab ID: 0712078-002A**

<u>Parameter</u>	<u>Preped</u>	<u>Analyzed</u>	<u>Result</u>	<u>RL</u>	<u>Unit</u>
Acetone	12/19/2007	12/19/2007	140	9.5	µg/m ³
Benzene	12/19/2007	12/19/2007	5.8	1.6	µg/m ³
Carbon Disulfide	12/19/2007	12/19/2007	2.7	1.6	µg/m ³
m,p-Xylene	12/19/2007	12/19/2007	10	2.0	µg/m ³
o-xylene	12/19/2007	12/19/2007	2.5	2.2	µg/m ³
Tetrachloroethene	12/19/2007	12/19/2007	73	3.4	µg/m ³
Toluene	12/19/2007	12/19/2007	14	1.9	µg/m ³
Trichlorofluoromethane	12/19/2007	12/19/2007	250	2.5	µg/m ³

SG-22 **Toxic Organics in Air by EPA TO-15** **Lab ID: 0712078-003A**

<u>Parameter</u>	<u>Preped</u>	<u>Analyzed</u>	<u>Result</u>	<u>RL</u>	<u>Unit</u>
1,2,4-Trimethylbenzene	12/19/2007	12/19/2007	8.7	2.5	µg/m ³
1,3,5-Trimethylbenzene	12/19/2007	12/19/2007	2.7	2.5	µg/m ³
4-Ethyl Toluene	12/19/2007	12/19/2007	6.3	2.5	µg/m ³
Acetone	12/19/2007	12/19/2007	86	9.5	µg/m ³
Benzene	12/19/2007	12/19/2007	2.8	1.6	µg/m ³
Carbon Disulfide	12/19/2007	12/19/2007	15	1.6	µg/m ³
m,p-Xylene	12/19/2007	12/19/2007	12	2.0	µg/m ³
o-xylene	12/19/2007	12/19/2007	3.8	2.2	µg/m ³



TORRENT LABORATORY, INC.

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Report Prepared For: Peter Littman
Environmental Investigation Services

Date Received: 12/17/2007
Date Reported: 12/27/2007

Summary Report

SG-22	Toxic Organics in Air by EPA TO-15			Lab ID:	0712078-003A
<u>Parameter</u>	<u>Preped</u>	<u>Analyzed</u>	<u>Result</u>	<u>RL</u>	<u>Unit</u>
Tetrachloroethene	12/20/2007	12/20/2007	24000	3400	µg/m ³
Toluene	12/19/2007	12/19/2007	9.4	1.9	µg/m ³
Trichloroethene	12/19/2007	12/19/2007	12	2.7	µg/m ³
Trichlorofluoromethane	12/19/2007	12/19/2007	500	2.5	µg/m ³

SG-24	Toxic Organics in Air by EPA TO-15			Lab ID:	0712078-004A
<u>Parameter</u>	<u>Preped</u>	<u>Analyzed</u>	<u>Result</u>	<u>RL</u>	<u>Unit</u>
1,2,4-Trimethylbenzene	12/19/2007	12/19/2007	6.5	2.5	µg/m ³
4-Ethyl Toluene	12/19/2007	12/19/2007	5.2	2.5	µg/m ³
Acetone	12/19/2007	12/19/2007	55	9.5	µg/m ³
Benzene	12/19/2007	12/19/2007	7.8	1.6	µg/m ³
Carbon Disulfide	12/19/2007	12/19/2007	28	1.6	µg/m ³
Hexane	12/19/2007	12/19/2007	56	3.5	µg/m ³
m,p-Xylene	12/19/2007	12/19/2007	12	2.0	µg/m ³
o-xylene	12/19/2007	12/19/2007	3.6	2.2	µg/m ³
Tetrachloroethene	12/19/2007	12/19/2007	250	3.4	µg/m ³
Toluene	12/19/2007	12/19/2007	28	1.9	µg/m ³
Trichlorofluoromethane	12/19/2007	12/19/2007	270	2.5	µg/m ³

SG-23	Toxic Organics in Air by EPA TO-15			Lab ID:	0712078-005A
<u>Parameter</u>	<u>Preped</u>	<u>Analyzed</u>	<u>Result</u>	<u>RL</u>	<u>Unit</u>
2-Butanone (MEK)	12/20/2007	12/20/2007	6.8	1.5	µg/m ³
Acetone	12/20/2007	12/20/2007	72	9.5	µg/m ³
Benzene	12/20/2007	12/20/2007	3.3	1.6	µg/m ³
Carbon Disulfide	12/20/2007	12/20/2007	8.0	1.6	µg/m ³
m,p-Xylene	12/20/2007	12/20/2007	8.9	2.0	µg/m ³
o-xylene	12/20/2007	12/20/2007	2.4	2.2	µg/m ³
Tetrachloroethene	12/20/2007	12/20/2007	330	3.4	µg/m ³
Toluene	12/20/2007	12/20/2007	12	1.9	µg/m ³
Trichlorofluoromethane	12/20/2007	12/20/2007	350	2.5	µg/m ³



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Report Prepared For: Peter Littman
Environmental Investigation Services

Date Received: 12/17/2007
Date Reported: 12/27/2007

Summary Report

SG-17	Toxic Organics in Air by EPA TO-15			Lab ID:	0712078-006A
<u>Parameter</u>	<u>Preped</u>	<u>Analyzed</u>	<u>Result</u>	<u>RL</u>	<u>Unit</u>
Acetone	12/20/2007	12/20/2007	36	9.5	µg/m ³
Tetrachloroethene	12/20/2007	12/20/2007	120	3.4	µg/m ³
Toluene	12/20/2007	12/20/2007	5.5	1.9	µg/m ³
Trichlorofluoromethane	12/20/2007	12/20/2007	3.4	2.5	µg/m ³

SG-16	Toxic Organics in Air by EPA TO-15			Lab ID:	0712078-007A
<u>Parameter</u>	<u>Preped</u>	<u>Analyzed</u>	<u>Result</u>	<u>RL</u>	<u>Unit</u>
Acetone	12/20/2007	12/20/2007	83	9.5	µg/m ³
Benzene	12/20/2007	12/20/2007	3.3	1.6	µg/m ³
Carbon Disulfide	12/20/2007	12/20/2007	5.8	1.6	µg/m ³
m,p-Xylene	12/20/2007	12/20/2007	8.4	2.0	µg/m ³
o-xylene	12/20/2007	12/20/2007	2.3	2.2	µg/m ³
Tetrachloroethene	12/20/2007	12/20/2007	110	3.4	µg/m ³
Toluene	12/20/2007	12/20/2007	9.7	1.9	µg/m ³
Trichlorofluoromethane	12/20/2007	12/20/2007	14	2.5	µg/m ³

SG-19	Toxic Organics in Air by EPA TO-15			Lab ID:	0712078-008A
<u>Parameter</u>	<u>Preped</u>	<u>Analyzed</u>	<u>Result</u>	<u>RL</u>	<u>Unit</u>
2-Butanone (MEK)	12/20/2007	12/20/2007	4.0	1.5	µg/m ³
Acetone	12/20/2007	12/20/2007	87	9.5	µg/m ³
Benzene	12/20/2007	12/20/2007	2.6	1.6	µg/m ³
Carbon Disulfide	12/20/2007	12/20/2007	4.8	1.6	µg/m ³
m,p-Xylene	12/20/2007	12/20/2007	8.3	2.0	µg/m ³
Tetrachloroethene	12/20/2007	12/20/2007	59	3.4	µg/m ³
Toluene	12/20/2007	12/20/2007	8.9	1.9	µg/m ³
Trichlorofluoromethane	12/20/2007	12/20/2007	10	2.5	µg/m ³

SG-14@4'	Toxic Organics in Air by EPA TO-15			Lab ID:	0712078-009A
<u>Parameter</u>	<u>Preped</u>	<u>Analyzed</u>	<u>Result</u>	<u>RL</u>	<u>Unit</u>
2-Butanone (MEK)	12/21/2007	12/21/2007	160	4.4	µg/m ³
Acetone	12/21/2007	12/21/2007	190	28	µg/m ³
Carbon Disulfide	12/21/2007	12/21/2007	9.5	4.6	µg/m ³



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Report Prepared For: Peter Littman
Environmental Investigation Services

Date Received: 12/17/2007
Date Reported: 12/27/2007

Summary Report

SG-14@4'		Toxic Organics in Air by EPA TO-15			Lab ID: 0712078-009A	
<u>Parameter</u>	<u>Preped</u>	<u>Analyzed</u>	<u>Result</u>	<u>RL</u>	<u>Unit</u>	
Chloroform	12/21/2007	12/21/2007	30	7.2	µg/m ³	
Hexane	12/21/2007	12/21/2007	37	10	µg/m ³	
m,p-Xylene	12/21/2007	12/21/2007	20	6.1	µg/m ³	
Methylene Chloride	12/21/2007	12/21/2007	140	11	µg/m ³	
Tetrachloroethene	12/21/2007	12/21/2007	1300	10	µg/m ³	
Toluene	12/21/2007	12/21/2007	15	5.6	µg/m ³	
Trichlorofluoromethane	12/21/2007	12/21/2007	23	7.3	µg/m ³	

SG-14@8'A		Toxic Organics in Air by EPA TO-15			Lab ID: 0712078-010A	
<u>Parameter</u>	<u>Preped</u>	<u>Analyzed</u>	<u>Result</u>	<u>RL</u>	<u>Unit</u>	
2-Butanone (MEK)	12/20/2007	12/20/2007	220	5.4	µg/m ³	
Acetone	12/21/2007	12/21/2007	920	350	µg/m ³	
Benzene	12/20/2007	12/20/2007	49	5.9	µg/m ³	
Carbon Disulfide	12/20/2007	12/20/2007	73	5.7	µg/m ³	
Chloroform	12/20/2007	12/20/2007	220	8.9	µg/m ³	
Hexane	12/20/2007	12/20/2007	350	13	µg/m ³	
m,p-Xylene	12/20/2007	12/20/2007	43	7.5	µg/m ³	
o-xylene	12/20/2007	12/20/2007	13	7.9	µg/m ³	
Styrene	12/20/2007	12/20/2007	26	7.8	µg/m ³	
Tetrachloroethene	12/21/2007	12/21/2007	4400	120	µg/m ³	
Toluene	12/20/2007	12/20/2007	74	6.9	µg/m ³	



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Report prepared for: Peter Littman
Environmental Investigation Services

Date Received: 12/17/2007
Date Reported: 12/27/2007

Client Sample ID: SG-9@4'A
Sample Location: 461 McGraw Ave
Sample Matrix: AIR
Date/Time Sampled 12/15/2007 9:45:00 AM

Lab Sample ID: 0712078-001
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	12/19/2007	1.99	1	2.0	ND	µg/m ³	R14846
1,1,1,2-Tetrachloroethane	TO-15	12/19/2007	3.44	1	3.4	ND	µg/m ³	R14846
1,1,1-Trichloroethane	TO-15	12/19/2007	2.73	1	2.7	ND	µg/m ³	R14846
1,1,2,2-Tetrachloroethane	TO-15	12/19/2007	3.44	1	3.4	ND	µg/m ³	R14846
1,1,2-Trichloroethane	TO-15	12/19/2007	2.73	1	2.7	ND	µg/m ³	R14846
1,1-Dichloroethane	TO-15	12/19/2007	2.03	1	2.0	ND	µg/m ³	R14846
1,2,4-Trichlorobenzene	TO-15	12/19/2007	3.56	1	3.6	ND	µg/m ³	R14846
1,2,4-Trimethylbenzene	TO-15	12/19/2007	2.46	1	2.5	ND	µg/m ³	R14846
1,2-Dibromoethane(Ethylene dibromide)	TO-15	12/19/2007	3.84	1	3.8	ND	µg/m ³	R14846
1,2-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,2-Dichloroethane	TO-15	12/19/2007	2.03	1	2.0	ND	µg/m ³	R14846
1,2-Dichloropropane	TO-15	12/19/2007	2.31	1	2.3	ND	µg/m ³	R14846
1,2-dichlorotetrafluoroethane(F114)	TO-15	12/19/2007	3.13	1	3.1	ND	µg/m ³	R14846
1,3,5-Trimethylbenzene	TO-15	12/19/2007	2.46	1	2.5	ND	µg/m ³	R14846
1,3-Butadiene	TO-15	12/19/2007	1.11	1	1.1	ND	µg/m ³	R14846
1,3-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,4-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,4-Dioxane	TO-15	12/19/2007	1.8	1	1.8	ND	µg/m ³	R14846
2-Butanone (MEK)	TO-15	12/19/2007	1.48	1	1.5	6.1	µg/m ³	R14846
2-Hexanone	TO-15	12/19/2007	2.05	1	2.0	ND	µg/m ³	R14846
4-Ethyl Toluene	TO-15	12/19/2007	2.46	1	2.5	ND	µg/m ³	R14846
4-Methyl-2-Pentanone (MIBK)	TO-15	12/19/2007	2.05	1	2.0	ND	µg/m ³	R14846
Acetone	TO-15	12/19/2007	9.52	1	9.5	150	µg/m ³	R14846
Benzene	TO-15	12/19/2007	1.6	1	1.6	1.9	µg/m ³	R14846
Benzyl Chloride	TO-15	12/19/2007	2.88	1	2.9	ND	µg/m ³	R14846
Bromodichloromethane	TO-15	12/19/2007	3.35	1	3.4	ND	µg/m ³	R14846
Bromoform	TO-15	12/19/2007	5.17	1	5.2	ND	µg/m ³	R14846
Bromomethane	TO-15	12/19/2007	1.94	1	1.9	ND	µg/m ³	R14846
Carbon Disulfide	TO-15	12/19/2007	1.56	1	1.6	5.2	µg/m ³	R14846
Carbon Tetrachloride	TO-15	12/19/2007	3.15	1	3.2	ND	µg/m ³	R14846
Chlorobenzene	TO-15	12/19/2007	2.3	1	2.3	ND	µg/m ³	R14846
Chloroethane	TO-15	12/19/2007	1.32	1	1.3	ND	µg/m ³	R14846
Chloroform	TO-15	12/19/2007	2.44	1	2.4	ND	µg/m ³	R14846
Chloromethane	TO-15	12/19/2007	1.04	1	1.0	ND	µg/m ³	R14846
cis-1,2-dichloroethene	TO-15	12/19/2007	1.98	1	2.0	ND	µg/m ³	R14846

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Client Sample ID: SG-9@4'A
Sample Location: 461 McGraw Ave
Sample Matrix: AIR
Date/Time Sampled 12/15/2007 9:45:00 AM

Lab Sample ID: 0712078-001
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
cis-1,3-Dichloropropene	TO-15	12/19/2007	2.27	1	2.3	ND	µg/m ³	R14846
Dibromochloromethane	TO-15	12/19/2007	4.26	1	4.3	ND	µg/m ³	R14846
Dichlorodifluoromethane	TO-15	12/19/2007	2.48	1	2.5	ND	µg/m ³	R14846
Ethyl Acetate	TO-15	12/19/2007	1.8	1	1.8	ND	µg/m ³	R14846
Ethyl Benzene	TO-15	12/19/2007	1.67	1	1.7	ND	µg/m ³	R14846
Freon 113	TO-15	12/19/2007	3.83	1	3.8	ND	µg/m ³	R14846
Hexachlorobutadiene	TO-15	12/19/2007	5.34	1	5.3	ND	µg/m ³	R14846
Hexane	TO-15	12/19/2007	3.52	1	3.5	ND	µg/m ³	R14846
Isopropanol	TO-15	12/20/2007	16.4	20	330	4300	µg/m ³	R14857
m,p-Xylene	TO-15	12/19/2007	2.05	1	2.0	15	µg/m ³	R14846
Methylene Chloride	TO-15	12/19/2007	3.61	1	3.6	ND	µg/m ³	R14846
MTBE	TO-15	12/19/2007	1.81	1	1.8	ND	µg/m ³	R14846
Naphthalene	TO-15	12/19/2007	2.62	1	2.6	ND	µg/m ³	R14846
o-xylene	TO-15	12/19/2007	2.17	1	2.2	3.8	µg/m ³	R14846
Styrene	TO-15	12/19/2007	2.13	1	2.1	ND	µg/m ³	R14846
Tetrachloroethene	TO-15	12/20/2007	3.39	20	68	3100	µg/m ³	R14857
Tetrahydrofuran	TO-15	12/19/2007	1.48	1	1.5	ND	µg/m ³	R14846
Toluene	TO-15	12/19/2007	1.89	1	1.9	6.9	µg/m ³	R14846
trans-1,2-Dichloroethene	TO-15	12/19/2007	1.98	1	2.0	ND	µg/m ³	R14846
Trichloroethene	TO-15	12/19/2007	2.69	1	2.7	ND	µg/m ³	R14846
Trichlorofluoromethane	TO-15	12/19/2007	2.48	1	2.5	58	µg/m ³	R14846
Vinyl Acetate	TO-15	12/19/2007	1.76	1	1.8	ND	µg/m ³	R14846
Vinyl Chloride	TO-15	12/19/2007	1.28	1	1.3	ND	µg/m ³	R14846
Surr: 4-Bromofluorobenzene	TO-15	12/19/2007	0	1	50-150	91.0	%REC	R14846
Surr: 4-Bromofluorobenzene	TO-15	12/20/2007	0	20	65-135	98.1	%REC	R14857

Client Sample ID: SG-7B	Lab Sample ID: 0712078-002
Sample Location: 461 McGraw Ave	Date Prepared:
Sample Matrix: AIR	
Date/Time Sampled 12/15/2007 9:55:00 AM	

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	12/19/2007	1.99	1	2.0	ND	µg/m ³	R14846
1,1,1,2-Tetrachloroethane	TO-15	12/19/2007	3.44	1	3.4	ND	µg/m ³	R14846
1,1,1-Trichloroethane	TO-15	12/19/2007	2.73	1	2.7	ND	µg/m ³	R14846
1,1,2,2-Tetrachloroethane	TO-15	12/19/2007	3.44	1	3.4	ND	µg/m ³	R14846
1,1,2-Trichloroethane	TO-15	12/19/2007	2.73	1	2.7	ND	µg/m ³	R14846
1,1-Dichloroethane	TO-15	12/19/2007	2.03	1	2.0	ND	µg/m ³	R14846
1,2,4-Trichlorobenzene	TO-15	12/19/2007	3.56	1	3.6	ND	µg/m ³	R14846
1,2,4-Trimethylbenzene	TO-15	12/19/2007	2.46	1	2.5	ND	µg/m ³	R14846
1,2-Dibromoethane(Ethylene dibromide)	TO-15	12/19/2007	3.84	1	3.8	ND	µg/m ³	R14846
1,2-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,2-Dichloroethane	TO-15	12/19/2007	2.03	1	2.0	ND	µg/m ³	R14846
1,2-Dichloropropane	TO-15	12/19/2007	2.31	1	2.3	ND	µg/m ³	R14846
1,2-dichlorotetrafluoroethane(F114)	TO-15	12/19/2007	3.13	1	3.1	ND	µg/m ³	R14846
1,3,5-Trimethylbenzene	TO-15	12/19/2007	2.46	1	2.5	ND	µg/m ³	R14846
1,3-Butadiene	TO-15	12/19/2007	1.11	1	1.1	ND	µg/m ³	R14846
1,3-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,4-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,4-Dioxane	TO-15	12/19/2007	1.8	1	1.8	ND	µg/m ³	R14846
2-Butanone (MEK)	TO-15	12/19/2007	1.48	1	1.5	ND	µg/m ³	R14846
2-Hexanone	TO-15	12/19/2007	2.05	1	2.0	ND	µg/m ³	R14846
4-Ethyl Toluene	TO-15	12/19/2007	2.46	1	2.5	ND	µg/m ³	R14846
4-Methyl-2-Pentanone (MIBK)	TO-15	12/19/2007	2.05	1	2.0	ND	µg/m ³	R14846
Acetone	TO-15	12/19/2007	9.52	1	9.5	140	µg/m ³	R14846
Benzene	TO-15	12/19/2007	1.6	1	1.6	5.8	µg/m ³	R14846
Benzyl Chloride	TO-15	12/19/2007	2.88	1	2.9	ND	µg/m ³	R14846
Bromodichloromethane	TO-15	12/19/2007	3.35	1	3.4	ND	µg/m ³	R14846
Bromoform	TO-15	12/19/2007	5.17	1	5.2	ND	µg/m ³	R14846
Bromomethane	TO-15	12/19/2007	1.94	1	1.9	ND	µg/m ³	R14846
Carbon Disulfide	TO-15	12/19/2007	1.56	1	1.6	2.7	µg/m ³	R14846
Carbon Tetrachloride	TO-15	12/19/2007	3.15	1	3.2	ND	µg/m ³	R14846
Chlorobenzene	TO-15	12/19/2007	2.3	1	2.3	ND	µg/m ³	R14846
Chloroethane	TO-15	12/19/2007	1.32	1	1.3	ND	µg/m ³	R14846
Chloroform	TO-15	12/19/2007	2.44	1	2.4	ND	µg/m ³	R14846
Chloromethane	TO-15	12/19/2007	1.04	1	1.0	ND	µg/m ³	R14846
cis-1,2-dichloroethene	TO-15	12/19/2007	1.98	1	2.0	ND	µg/m ³	R14846
cis-1,3-Dichloropropene	TO-15	12/19/2007	2.27	1	2.3	ND	µg/m ³	R14846
Dibromochloromethane	TO-15	12/19/2007	4.26	1	4.3	ND	µg/m ³	R14846
Dichlorodifluoromethane	TO-15	12/19/2007	2.48	1	2.5	ND	µg/m ³	R14846
Ethyl Acetate	TO-15	12/19/2007	1.8	1	1.8	ND	µg/m ³	R14846
Ethyl Benzene	TO-15	12/19/2007	1.67	1	1.7	ND	µg/m ³	R14846
Freon 113	TO-15	12/19/2007	3.83	1	3.8	ND	µg/m ³	R14846
Hexachlorobutadiene	TO-15	12/19/2007	5.34	1	5.3	ND	µg/m ³	R14846

Client Sample ID: SG-7B
Sample Location: 461 McGraw Ave
Sample Matrix: AIR
Date/Time Sampled 12/15/2007 9:55:00 AM

Lab Sample ID: 0712078-002
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Hexane	TO-15	12/19/2007	3.52	1	3.5	ND	µg/m ³	R14846
Isopropanol	TO-15	12/19/2007	16.4	1	16	ND	µg/m ³	R14846
m,p-Xylene	TO-15	12/19/2007	2.05	1	2.0	10	µg/m ³	R14846
Methylene Chloride	TO-15	12/19/2007	3.61	1	3.6	ND	µg/m ³	R14846
MTBE	TO-15	12/19/2007	1.81	1	1.8	ND	µg/m ³	R14846
Naphthalene	TO-15	12/19/2007	2.62	1	2.6	ND	µg/m ³	R14846
o-xylene	TO-15	12/19/2007	2.17	1	2.2	2.5	µg/m ³	R14846
Styrene	TO-15	12/19/2007	2.13	1	2.1	ND	µg/m ³	R14846
Tetrachloroethene	TO-15	12/19/2007	3.39	1	3.4	73	µg/m ³	R14846
Tetrahydrofuran	TO-15	12/19/2007	1.48	1	1.5	ND	µg/m ³	R14846
Toluene	TO-15	12/19/2007	1.89	1	1.9	14	µg/m ³	R14846
trans-1,2-Dichloroethene	TO-15	12/19/2007	1.98	1	2.0	ND	µg/m ³	R14846
Trichloroethene	TO-15	12/19/2007	2.69	1	2.7	ND	µg/m ³	R14846
Trichlorofluoromethane	TO-15	12/19/2007	2.48	1	2.5	250	µg/m ³	R14846
Vinyl Acetate	TO-15	12/19/2007	1.76	1	1.8	ND	µg/m ³	R14846
Vinyl Chloride	TO-15	12/19/2007	1.28	1	1.3	ND	µg/m ³	R14846
Surr: 4-Bromofluorobenzene	TO-15	12/19/2007	0	1	50-150	89.9	%REC	R14846

Client Sample ID: SG-22	Lab Sample ID: 0712078-003
Sample Location: 461 McGraw Ave	Date Prepared:
Sample Matrix: AIR	
Date/Time Sampled 12/15/2007 10:25:00 AM	

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	12/19/2007	1.99	1	2.0	ND	µg/m ³	R14846
1,1,1,2-Tetrachloroethane	TO-15	12/19/2007	3.44	1	3.4	ND	µg/m ³	R14846
1,1,1-Trichloroethane	TO-15	12/19/2007	2.73	1	2.7	ND	µg/m ³	R14846
1,1,2,2-Tetrachloroethane	TO-15	12/19/2007	3.44	1	3.4	ND	µg/m ³	R14846
1,1,2-Trichloroethane	TO-15	12/19/2007	2.73	1	2.7	ND	µg/m ³	R14846
1,1-Dichloroethane	TO-15	12/19/2007	2.03	1	2.0	ND	µg/m ³	R14846
1,2,4-Trichlorobenzene	TO-15	12/19/2007	3.56	1	3.6	ND	µg/m ³	R14846
1,2,4-Trimethylbenzene	TO-15	12/19/2007	2.46	1	2.5	8.7	µg/m ³	R14846
1,2-Dibromoethane(Ethylene dibromide)	TO-15	12/19/2007	3.84	1	3.8	ND	µg/m ³	R14846
1,2-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,2-Dichloroethane	TO-15	12/19/2007	2.03	1	2.0	ND	µg/m ³	R14846
1,2-Dichloropropane	TO-15	12/19/2007	2.31	1	2.3	ND	µg/m ³	R14846
1,2-dichlorotetrafluoroethane(F114)	TO-15	12/19/2007	3.13	1	3.1	ND	µg/m ³	R14846
1,3,5-Trimethylbenzene	TO-15	12/19/2007	2.46	1	2.5	2.7	µg/m ³	R14846
1,3-Butadiene	TO-15	12/19/2007	1.11	1	1.1	ND	µg/m ³	R14846
1,3-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,4-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,4-Dioxane	TO-15	12/19/2007	1.8	1	1.8	ND	µg/m ³	R14846
2-Butanone (MEK)	TO-15	12/19/2007	1.48	1	1.5	ND	µg/m ³	R14846
2-Hexanone	TO-15	12/19/2007	2.05	1	2.0	ND	µg/m ³	R14846
4-Ethyl Toluene	TO-15	12/19/2007	2.46	1	2.5	6.3	µg/m ³	R14846
4-Methyl-2-Pentanone (MIBK)	TO-15	12/19/2007	2.05	1	2.0	ND	µg/m ³	R14846
Acetone	TO-15	12/19/2007	9.52	1	9.5	86	µg/m ³	R14846
Benzene	TO-15	12/19/2007	1.6	1	1.6	2.8	µg/m ³	R14846
Benzyl Chloride	TO-15	12/19/2007	2.88	1	2.9	ND	µg/m ³	R14846
Bromodichloromethane	TO-15	12/19/2007	3.35	1	3.4	ND	µg/m ³	R14846
Bromoform	TO-15	12/19/2007	5.17	1	5.2	ND	µg/m ³	R14846
Bromomethane	TO-15	12/19/2007	1.94	1	1.9	ND	µg/m ³	R14846
Carbon Disulfide	TO-15	12/19/2007	1.56	1	1.6	15	µg/m ³	R14846
Carbon Tetrachloride	TO-15	12/19/2007	3.15	1	3.2	ND	µg/m ³	R14846
Chlorobenzene	TO-15	12/19/2007	2.3	1	2.3	ND	µg/m ³	R14846
Chloroethane	TO-15	12/19/2007	1.32	1	1.3	ND	µg/m ³	R14846
Chloroform	TO-15	12/19/2007	2.44	1	2.4	ND	µg/m ³	R14846
Chloromethane	TO-15	12/19/2007	1.04	1	1.0	ND	µg/m ³	R14846
cis-1,2-dichloroethene	TO-15	12/19/2007	1.98	1	2.0	ND	µg/m ³	R14846
cis-1,3-Dichloropropene	TO-15	12/19/2007	2.27	1	2.3	ND	µg/m ³	R14846
Dibromochloromethane	TO-15	12/19/2007	4.26	1	4.3	ND	µg/m ³	R14846
Dichlorodifluoromethane	TO-15	12/19/2007	2.48	1	2.5	ND	µg/m ³	R14846
Ethyl Acetate	TO-15	12/19/2007	1.8	1	1.8	ND	µg/m ³	R14846
Ethyl Benzene	TO-15	12/19/2007	1.67	1	1.7	ND	µg/m ³	R14846
Freon 113	TO-15	12/19/2007	3.83	1	3.8	ND	µg/m ³	R14846
Hexachlorobutadiene	TO-15	12/19/2007	5.34	1	5.3	ND	µg/m ³	R14846

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Client Sample ID: SG-22
Sample Location: 461 McGraw Ave
Sample Matrix: AIR
Date/Time Sampled 12/15/2007 10:25:00 AM

Lab Sample ID: 0712078-003
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Hexane	TO-15	12/19/2007	3.52	1	3.5	ND	µg/m ³	R14846
Isopropanol	TO-15	12/19/2007	16.4	1	16	ND	µg/m ³	R14846
m,p-Xylene	TO-15	12/19/2007	2.05	1	2.0	12	µg/m ³	R14846
Methylene Chloride	TO-15	12/19/2007	3.61	1	3.6	ND	µg/m ³	R14846
MTBE	TO-15	12/19/2007	1.81	1	1.8	ND	µg/m ³	R14846
Naphthalene	TO-15	12/19/2007	2.62	1	2.6	ND	µg/m ³	R14846
o-xylene	TO-15	12/19/2007	2.17	1	2.2	3.8	µg/m ³	R14846
Styrene	TO-15	12/19/2007	2.13	1	2.1	ND	µg/m ³	R14846
Tetrachloroethene	TO-15	12/20/2007	3.39	1000	3400	24000	µg/m ³	R14857
Tetrahydrofuran	TO-15	12/19/2007	1.48	1	1.5	ND	µg/m ³	R14846
Toluene	TO-15	12/19/2007	1.89	1	1.9	9.4	µg/m ³	R14846
trans-1,2-Dichloroethene	TO-15	12/19/2007	1.98	1	2.0	ND	µg/m ³	R14846
Trichloroethene	TO-15	12/19/2007	2.69	1	2.7	12	µg/m ³	R14846
Trichlorofluoromethane	TO-15	12/19/2007	2.48	1	2.5	500	µg/m ³	R14846
Vinyl Acetate	TO-15	12/19/2007	1.76	1	1.8	ND	µg/m ³	R14846
Vinyl Chloride	TO-15	12/19/2007	1.28	1	1.3	ND	µg/m ³	R14846
Surr: 4-Bromofluorobenzene	TO-15	12/20/2007	0	1000	65-135	97.1	%REC	R14857
Surr: 4-Bromofluorobenzene	TO-15	12/19/2007	0	1	50-150	92.8	%REC	R14846

Client Sample ID: SG-24	Lab Sample ID: 0712078-004
Sample Location: 461 McGraw Ave	Date Prepared:
Sample Matrix: AIR	
Date/Time Sampled 12/15/2007 10:31:00 AM	

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	12/19/2007	1.99	1	2.0	ND	µg/m ³	R14846
1,1,1,2-Tetrachloroethane	TO-15	12/19/2007	3.44	1	3.4	ND	µg/m ³	R14846
1,1,1-Trichloroethane	TO-15	12/19/2007	2.73	1	2.7	ND	µg/m ³	R14846
1,1,2,2-Tetrachloroethane	TO-15	12/19/2007	3.44	1	3.4	ND	µg/m ³	R14846
1,1,2-Trichloroethane	TO-15	12/19/2007	2.73	1	2.7	ND	µg/m ³	R14846
1,1-Dichloroethane	TO-15	12/19/2007	2.03	1	2.0	ND	µg/m ³	R14846
1,2,4-Trichlorobenzene	TO-15	12/19/2007	3.56	1	3.6	ND	µg/m ³	R14846
1,2,4-Trimethylbenzene	TO-15	12/19/2007	2.46	1	2.5	6.5	µg/m ³	R14846
1,2-Dibromoethane(Ethylene dibromide)	TO-15	12/19/2007	3.84	1	3.8	ND	µg/m ³	R14846
1,2-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,2-Dichloroethane	TO-15	12/19/2007	2.03	1	2.0	ND	µg/m ³	R14846
1,2-Dichloropropane	TO-15	12/19/2007	2.31	1	2.3	ND	µg/m ³	R14846
1,2-dichlorotetrafluoroethane(F114)	TO-15	12/19/2007	3.13	1	3.1	ND	µg/m ³	R14846
1,3,5-Trimethylbenzene	TO-15	12/19/2007	2.46	1	2.5	ND	µg/m ³	R14846
1,3-Butadiene	TO-15	12/19/2007	1.11	1	1.1	ND	µg/m ³	R14846
1,3-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,4-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,4-Dioxane	TO-15	12/19/2007	1.8	1	1.8	ND	µg/m ³	R14846
2-Butanone (MEK)	TO-15	12/19/2007	1.48	1	1.5	ND	µg/m ³	R14846
2-Hexanone	TO-15	12/19/2007	2.05	1	2.0	ND	µg/m ³	R14846
4-Ethyl Toluene	TO-15	12/19/2007	2.46	1	2.5	5.2	µg/m ³	R14846
4-Methyl-2-Pentanone (MIBK)	TO-15	12/19/2007	2.05	1	2.0	ND	µg/m ³	R14846
Acetone	TO-15	12/19/2007	9.52	1	9.5	55	µg/m ³	R14846
Benzene	TO-15	12/19/2007	1.6	1	1.6	7.8	µg/m ³	R14846
Benzyl Chloride	TO-15	12/19/2007	2.88	1	2.9	ND	µg/m ³	R14846
Bromodichloromethane	TO-15	12/19/2007	3.35	1	3.4	ND	µg/m ³	R14846
Bromoform	TO-15	12/19/2007	5.17	1	5.2	ND	µg/m ³	R14846
Bromomethane	TO-15	12/19/2007	1.94	1	1.9	ND	µg/m ³	R14846
Carbon Disulfide	TO-15	12/19/2007	1.56	1	1.6	28	µg/m ³	R14846
Carbon Tetrachloride	TO-15	12/19/2007	3.15	1	3.2	ND	µg/m ³	R14846
Chlorobenzene	TO-15	12/19/2007	2.3	1	2.3	ND	µg/m ³	R14846
Chloroethane	TO-15	12/19/2007	1.32	1	1.3	ND	µg/m ³	R14846
Chloroform	TO-15	12/19/2007	2.44	1	2.4	ND	µg/m ³	R14846
Chloromethane	TO-15	12/19/2007	1.04	1	1.0	ND	µg/m ³	R14846
cis-1,2-dichloroethene	TO-15	12/19/2007	1.98	1	2.0	ND	µg/m ³	R14846
cis-1,3-Dichloropropene	TO-15	12/19/2007	2.27	1	2.3	ND	µg/m ³	R14846
Dibromochloromethane	TO-15	12/19/2007	4.26	1	4.3	ND	µg/m ³	R14846
Dichlorodifluoromethane	TO-15	12/19/2007	2.48	1	2.5	ND	µg/m ³	R14846
Ethyl Acetate	TO-15	12/19/2007	1.8	1	1.8	ND	µg/m ³	R14846
Ethyl Benzene	TO-15	12/19/2007	1.67	1	1.7	ND	µg/m ³	R14846
Freon 113	TO-15	12/19/2007	3.83	1	3.8	ND	µg/m ³	R14846
Hexachlorobutadiene	TO-15	12/19/2007	5.34	1	5.3	ND	µg/m ³	R14846

Client Sample ID: SG-24
Sample Location: 461 McGraw Ave
Sample Matrix: AIR
Date/Time Sampled 12/15/2007 10:31:00 AM

Lab Sample ID: 0712078-004
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Hexane	TO-15	12/19/2007	3.52	1	3.5	56	µg/m ³	R14846
Isopropanol	TO-15	12/19/2007	16.4	1	16	ND	µg/m ³	R14846
m,p-Xylene	TO-15	12/19/2007	2.05	1	2.0	12	µg/m ³	R14846
Methylene Chloride	TO-15	12/19/2007	3.61	1	3.6	ND	µg/m ³	R14846
MTBE	TO-15	12/19/2007	1.81	1	1.8	ND	µg/m ³	R14846
Naphthalene	TO-15	12/19/2007	2.62	1	2.6	ND	µg/m ³	R14846
o-xylene	TO-15	12/19/2007	2.17	1	2.2	3.6	µg/m ³	R14846
Styrene	TO-15	12/19/2007	2.13	1	2.1	ND	µg/m ³	R14846
Tetrachloroethene	TO-15	12/19/2007	3.39	1	3.4	250	µg/m ³	R14846
Tetrahydrofuran	TO-15	12/19/2007	1.48	1	1.5	ND	µg/m ³	R14846
Toluene	TO-15	12/19/2007	1.89	1	1.9	28	µg/m ³	R14846
trans-1,2-Dichloroethene	TO-15	12/19/2007	1.98	1	2.0	ND	µg/m ³	R14846
Trichloroethene	TO-15	12/19/2007	2.69	1	2.7	ND	µg/m ³	R14846
Trichlorofluoromethane	TO-15	12/19/2007	2.48	1	2.5	270	µg/m ³	R14846
Vinyl Acetate	TO-15	12/19/2007	1.76	1	1.8	ND	µg/m ³	R14846
Vinyl Chloride	TO-15	12/19/2007	1.28	1	1.3	ND	µg/m ³	R14846
Surr: 4-Bromofluorobenzene	TO-15	12/19/2007	0	1	50-150	89.2	%REC	R14846

Client Sample ID: SG-23	Lab Sample ID: 0712078-005
Sample Location: 461 McGraw Ave	Date Prepared:
Sample Matrix: AIR	
Date/Time Sampled 12/15/2007 10:55:00 AM	

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	12/20/2007	1.99	1	2.0	ND	µg/m ³	R14846
1,1,1,2-Tetrachloroethane	TO-15	12/20/2007	3.44	1	3.4	ND	µg/m ³	R14846
1,1,1-Trichloroethane	TO-15	12/20/2007	2.73	1	2.7	ND	µg/m ³	R14846
1,1,2,2-Tetrachloroethane	TO-15	12/20/2007	3.44	1	3.4	ND	µg/m ³	R14846
1,1,2-Trichloroethane	TO-15	12/20/2007	2.73	1	2.7	ND	µg/m ³	R14846
1,1-Dichloroethane	TO-15	12/20/2007	2.03	1	2.0	ND	µg/m ³	R14846
1,2,4-Trichlorobenzene	TO-15	12/20/2007	3.56	1	3.6	ND	µg/m ³	R14846
1,2,4-Trimethylbenzene	TO-15	12/20/2007	2.46	1	2.5	ND	µg/m ³	R14846
1,2-Dibromoethane(Ethylene dibromide)	TO-15	12/20/2007	3.84	1	3.8	ND	µg/m ³	R14846
1,2-Dichlorobenzene	TO-15	12/20/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,2-Dichloroethane	TO-15	12/20/2007	2.03	1	2.0	ND	µg/m ³	R14846
1,2-Dichloropropane	TO-15	12/20/2007	2.31	1	2.3	ND	µg/m ³	R14846
1,2-dichlorotetrafluoroethane(F114)	TO-15	12/20/2007	3.13	1	3.1	ND	µg/m ³	R14846
1,3,5-Trimethylbenzene	TO-15	12/20/2007	2.46	1	2.5	ND	µg/m ³	R14846
1,3-Butadiene	TO-15	12/20/2007	1.11	1	1.1	ND	µg/m ³	R14846
1,3-Dichlorobenzene	TO-15	12/20/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,4-Dichlorobenzene	TO-15	12/20/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,4-Dioxane	TO-15	12/20/2007	1.8	1	1.8	ND	µg/m ³	R14846
2-Butanone (MEK)	TO-15	12/20/2007	1.48	1	1.5	6.8	µg/m ³	R14846
2-Hexanone	TO-15	12/20/2007	2.05	1	2.0	ND	µg/m ³	R14846
4-Ethyl Toluene	TO-15	12/20/2007	2.46	1	2.5	ND	µg/m ³	R14846
4-Methyl-2-Pentanone (MIBK)	TO-15	12/20/2007	2.05	1	2.0	ND	µg/m ³	R14846
Acetone	TO-15	12/20/2007	9.52	1	9.5	72	µg/m ³	R14846
Benzene	TO-15	12/20/2007	1.6	1	1.6	3.3	µg/m ³	R14846
Benzyl Chloride	TO-15	12/20/2007	2.88	1	2.9	ND	µg/m ³	R14846
Bromodichloromethane	TO-15	12/20/2007	3.35	1	3.4	ND	µg/m ³	R14846
Bromoform	TO-15	12/20/2007	5.17	1	5.2	ND	µg/m ³	R14846
Bromomethane	TO-15	12/20/2007	1.94	1	1.9	ND	µg/m ³	R14846
Carbon Disulfide	TO-15	12/20/2007	1.56	1	1.6	8.0	µg/m ³	R14846
Carbon Tetrachloride	TO-15	12/20/2007	3.15	1	3.2	ND	µg/m ³	R14846
Chlorobenzene	TO-15	12/20/2007	2.3	1	2.3	ND	µg/m ³	R14846
Chloroethane	TO-15	12/20/2007	1.32	1	1.3	ND	µg/m ³	R14846
Chloroform	TO-15	12/20/2007	2.44	1	2.4	ND	µg/m ³	R14846
Chloromethane	TO-15	12/20/2007	1.04	1	1.0	ND	µg/m ³	R14846
cis-1,2-dichloroethene	TO-15	12/20/2007	1.98	1	2.0	ND	µg/m ³	R14846
cis-1,3-Dichloropropene	TO-15	12/20/2007	2.27	1	2.3	ND	µg/m ³	R14846
Dibromochloromethane	TO-15	12/20/2007	4.26	1	4.3	ND	µg/m ³	R14846
Dichlorodifluoromethane	TO-15	12/20/2007	2.48	1	2.5	ND	µg/m ³	R14846
Ethyl Acetate	TO-15	12/20/2007	1.8	1	1.8	ND	µg/m ³	R14846
Ethyl Benzene	TO-15	12/20/2007	1.67	1	1.7	ND	µg/m ³	R14846
Freon 113	TO-15	12/20/2007	3.83	1	3.8	ND	µg/m ³	R14846
Hexachlorobutadiene	TO-15	12/20/2007	5.34	1	5.3	ND	µg/m ³	R14846

Client Sample ID: SG-23
Sample Location: 461 McGraw Ave
Sample Matrix: AIR
Date/Time Sampled 12/15/2007 10:55:00 AM

Lab Sample ID: 0712078-005
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Hexane	TO-15	12/20/2007	3.52	1	3.5	ND	µg/m ³	R14846
Isopropanol	TO-15	12/20/2007	16.4	1	16	ND	µg/m ³	R14846
m,p-Xylene	TO-15	12/20/2007	2.05	1	2.0	8.9	µg/m ³	R14846
Methylene Chloride	TO-15	12/20/2007	3.61	1	3.6	ND	µg/m ³	R14846
MTBE	TO-15	12/20/2007	1.81	1	1.8	ND	µg/m ³	R14846
Naphthalene	TO-15	12/20/2007	2.62	1	2.6	ND	µg/m ³	R14846
o-xylene	TO-15	12/20/2007	2.17	1	2.2	2.4	µg/m ³	R14846
Styrene	TO-15	12/20/2007	2.13	1	2.1	ND	µg/m ³	R14846
Tetrachloroethene	TO-15	12/20/2007	3.39	1	3.4	330	µg/m ³	R14846
Tetrahydrofuran	TO-15	12/20/2007	1.48	1	1.5	ND	µg/m ³	R14846
Toluene	TO-15	12/20/2007	1.89	1	1.9	12	µg/m ³	R14846
trans-1,2-Dichloroethene	TO-15	12/20/2007	1.98	1	2.0	ND	µg/m ³	R14846
Trichloroethene	TO-15	12/20/2007	2.69	1	2.7	ND	µg/m ³	R14846
Trichlorofluoromethane	TO-15	12/20/2007	2.48	1	2.5	350	µg/m ³	R14846
Vinyl Acetate	TO-15	12/20/2007	1.76	1	1.8	ND	µg/m ³	R14846
Vinyl Chloride	TO-15	12/20/2007	1.28	1	1.3	ND	µg/m ³	R14846
Surr: 4-Bromofluorobenzene	TO-15	12/20/2007	0	1	50-150	88.9	%REC	R14846

Client Sample ID: SG-17
 Sample Location: 461 McGraw Ave
 Sample Matrix: AIR
 Date/Time Sampled 12/15/2007 11:20:00 AM

Lab Sample ID: 0712078-006
 Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	12/20/2007	1.99	1	2.0	ND	µg/m ³	R14846
1,1,1,2-Tetrachloroethane	TO-15	12/20/2007	3.44	1	3.4	ND	µg/m ³	R14846
1,1,1-Trichloroethane	TO-15	12/20/2007	2.73	1	2.7	ND	µg/m ³	R14846
1,1,2,2-Tetrachloroethane	TO-15	12/20/2007	3.44	1	3.4	ND	µg/m ³	R14846
1,1,2-Trichloroethane	TO-15	12/20/2007	2.73	1	2.7	ND	µg/m ³	R14846
1,1-Dichloroethane	TO-15	12/20/2007	2.03	1	2.0	ND	µg/m ³	R14846
1,2,4-Trichlorobenzene	TO-15	12/20/2007	3.56	1	3.6	ND	µg/m ³	R14846
1,2,4-Trimethylbenzene	TO-15	12/20/2007	2.46	1	2.5	ND	µg/m ³	R14846
1,2-Dibromoethane(Ethylene dibromide)	TO-15	12/20/2007	3.84	1	3.8	ND	µg/m ³	R14846
1,2-Dichlorobenzene	TO-15	12/20/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,2-Dichloroethane	TO-15	12/20/2007	2.03	1	2.0	ND	µg/m ³	R14846
1,2-Dichloropropane	TO-15	12/20/2007	2.31	1	2.3	ND	µg/m ³	R14846
1,2-dichlorotetrafluoroethane(F114)	TO-15	12/20/2007	3.13	1	3.1	ND	µg/m ³	R14846
1,3,5-Trimethylbenzene	TO-15	12/20/2007	2.46	1	2.5	ND	µg/m ³	R14846
1,3-Butadiene	TO-15	12/20/2007	1.11	1	1.1	ND	µg/m ³	R14846
1,3-Dichlorobenzene	TO-15	12/20/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,4-Dichlorobenzene	TO-15	12/20/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,4-Dioxane	TO-15	12/20/2007	1.8	1	1.8	ND	µg/m ³	R14846
2-Butanone (MEK)	TO-15	12/20/2007	1.48	1	1.5	ND	µg/m ³	R14846
2-Hexanone	TO-15	12/20/2007	2.05	1	2.0	ND	µg/m ³	R14846
4-Ethyl Toluene	TO-15	12/20/2007	2.46	1	2.5	ND	µg/m ³	R14846
4-Methyl-2-Pentanone (MIBK)	TO-15	12/20/2007	2.05	1	2.0	ND	µg/m ³	R14846
Acetone	TO-15	12/20/2007	9.52	1	9.5	36	µg/m ³	R14846
Benzene	TO-15	12/20/2007	1.6	1	1.6	ND	µg/m ³	R14846
Benzyl Chloride	TO-15	12/20/2007	2.88	1	2.9	ND	µg/m ³	R14846
Bromodichloromethane	TO-15	12/20/2007	3.35	1	3.4	ND	µg/m ³	R14846
Bromoform	TO-15	12/20/2007	5.17	1	5.2	ND	µg/m ³	R14846
Bromomethane	TO-15	12/20/2007	1.94	1	1.9	ND	µg/m ³	R14846
Carbon Disulfide	TO-15	12/20/2007	1.56	1	1.6	ND	µg/m ³	R14846
Carbon Tetrachloride	TO-15	12/20/2007	3.15	1	3.2	ND	µg/m ³	R14846
Chlorobenzene	TO-15	12/20/2007	2.3	1	2.3	ND	µg/m ³	R14846
Chloroethane	TO-15	12/20/2007	1.32	1	1.3	ND	µg/m ³	R14846
Chloroform	TO-15	12/20/2007	2.44	1	2.4	ND	µg/m ³	R14846
Chloromethane	TO-15	12/20/2007	1.04	1	1.0	ND	µg/m ³	R14846
cis-1,2-dichloroethene	TO-15	12/20/2007	1.98	1	2.0	ND	µg/m ³	R14846
cis-1,3-Dichloropropene	TO-15	12/20/2007	2.27	1	2.3	ND	µg/m ³	R14846
Dibromochloromethane	TO-15	12/20/2007	4.26	1	4.3	ND	µg/m ³	R14846
Dichlorodifluoromethane	TO-15	12/20/2007	2.48	1	2.5	ND	µg/m ³	R14846
Ethyl Acetate	TO-15	12/20/2007	1.8	1	1.8	ND	µg/m ³	R14846
Ethyl Benzene	TO-15	12/20/2007	1.67	1	1.7	ND	µg/m ³	R14846
Freon 113	TO-15	12/20/2007	3.83	1	3.8	ND	µg/m ³	R14846
Hexachlorobutadiene	TO-15	12/20/2007	5.34	1	5.3	ND	µg/m ³	R14846

Client Sample ID: SG-17
Sample Location: 461 McGraw Ave
Sample Matrix: AIR
Date/Time Sampled 12/15/2007 11:20:00 AM

Lab Sample ID: 0712078-006
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Hexane	TO-15	12/20/2007	3.52	1	3.5	ND	µg/m ³	R14846
Isopropanol	TO-15	12/20/2007	16.4	1	16	ND	µg/m ³	R14846
m,p-Xylene	TO-15	12/20/2007	2.05	1	2.0	ND	µg/m ³	R14846
Methylene Chloride	TO-15	12/20/2007	3.61	1	3.6	ND	µg/m ³	R14846
MTBE	TO-15	12/20/2007	1.81	1	1.8	ND	µg/m ³	R14846
Naphthalene	TO-15	12/20/2007	2.62	1	2.6	ND	µg/m ³	R14846
o-xylene	TO-15	12/20/2007	2.17	1	2.2	ND	µg/m ³	R14846
Styrene	TO-15	12/20/2007	2.13	1	2.1	ND	µg/m ³	R14846
Tetrachloroethene	TO-15	12/20/2007	3.39	1	3.4	120	µg/m ³	R14846
Tetrahydrofuran	TO-15	12/20/2007	1.48	1	1.5	ND	µg/m ³	R14846
Toluene	TO-15	12/20/2007	1.89	1	1.9	5.5	µg/m ³	R14846
trans-1,2-Dichloroethene	TO-15	12/20/2007	1.98	1	2.0	ND	µg/m ³	R14846
Trichloroethene	TO-15	12/20/2007	2.69	1	2.7	ND	µg/m ³	R14846
Trichlorofluoromethane	TO-15	12/20/2007	2.48	1	2.5	3.4	µg/m ³	R14846
Vinyl Acetate	TO-15	12/20/2007	1.76	1	1.8	ND	µg/m ³	R14846
Vinyl Chloride	TO-15	12/20/2007	1.28	1	1.3	ND	µg/m ³	R14846
Surr: 4-Bromofluorobenzene	TO-15	12/20/2007	0	1	50-150	113	%REC	R14846

Client Sample ID: SG-16
Sample Location: 461 McGraw Ave
Sample Matrix: AIR
Date/Time Sampled 12/15/2007 11:34:00 AM

Lab Sample ID: 0712078-007
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	12/20/2007	1.99	1	2.0	ND	µg/m ³	R14857
1,1,1,2-Tetrachloroethane	TO-15	12/20/2007	3.44	1	3.4	ND	µg/m ³	R14857
1,1,1-Trichloroethane	TO-15	12/20/2007	2.73	1	2.7	ND	µg/m ³	R14857
1,1,2,2-Tetrachloroethane	TO-15	12/20/2007	3.44	1	3.4	ND	µg/m ³	R14857
1,1,2-Trichloroethane	TO-15	12/20/2007	2.73	1	2.7	ND	µg/m ³	R14857
1,1-Dichloroethane	TO-15	12/20/2007	2.03	1	2.0	ND	µg/m ³	R14857
1,2,4-Trichlorobenzene	TO-15	12/20/2007	3.56	1	3.6	ND	µg/m ³	R14857
1,2,4-Trimethylbenzene	TO-15	12/20/2007	2.46	1	2.5	ND	µg/m ³	R14857
1,2-Dibromoethane(Ethylene dibromide)	TO-15	12/20/2007	3.84	1	3.8	ND	µg/m ³	R14857
1,2-Dichlorobenzene	TO-15	12/20/2007	3.01	1	3.0	ND	µg/m ³	R14857
1,2-Dichloroethane	TO-15	12/20/2007	2.03	1	2.0	ND	µg/m ³	R14857
1,2-Dichloropropane	TO-15	12/20/2007	2.31	1	2.3	ND	µg/m ³	R14857
1,2-dichlorotetrafluoroethane(F114)	TO-15	12/20/2007	3.13	1	3.1	ND	µg/m ³	R14857
1,3,5-Trimethylbenzene	TO-15	12/20/2007	2.46	1	2.5	ND	µg/m ³	R14857
1,3-Butadiene	TO-15	12/20/2007	1.11	1	1.1	ND	µg/m ³	R14857
1,3-Dichlorobenzene	TO-15	12/20/2007	3.01	1	3.0	ND	µg/m ³	R14857
1,4-Dichlorobenzene	TO-15	12/20/2007	3.01	1	3.0	ND	µg/m ³	R14857
1,4-Dioxane	TO-15	12/20/2007	1.8	1	1.8	ND	µg/m ³	R14857
2-Butanone (MEK)	TO-15	12/20/2007	1.48	1	1.5	ND	µg/m ³	R14857
2-Hexanone	TO-15	12/20/2007	2.05	1	2.0	ND	µg/m ³	R14857
4-Ethyl Toluene	TO-15	12/20/2007	2.46	1	2.5	ND	µg/m ³	R14857
4-Methyl-2-Pentanone (MIBK)	TO-15	12/20/2007	2.05	1	2.0	ND	µg/m ³	R14857
Acetone	TO-15	12/20/2007	9.52	1	9.5	83	µg/m ³	R14857
Benzene	TO-15	12/20/2007	1.6	1	1.6	3.3	µg/m ³	R14857
Benzyl Chloride	TO-15	12/20/2007	2.88	1	2.9	ND	µg/m ³	R14857
Bromodichloromethane	TO-15	12/20/2007	3.35	1	3.4	ND	µg/m ³	R14857
Bromoform	TO-15	12/20/2007	5.17	1	5.2	ND	µg/m ³	R14857
Bromomethane	TO-15	12/20/2007	1.94	1	1.9	ND	µg/m ³	R14857
Carbon Disulfide	TO-15	12/20/2007	1.56	1	1.6	5.8	µg/m ³	R14857
Carbon Tetrachloride	TO-15	12/20/2007	3.15	1	3.2	ND	µg/m ³	R14857
Chlorobenzene	TO-15	12/20/2007	2.3	1	2.3	ND	µg/m ³	R14857
Chloroethane	TO-15	12/20/2007	1.32	1	1.3	ND	µg/m ³	R14857
Chloroform	TO-15	12/20/2007	2.44	1	2.4	ND	µg/m ³	R14857
Chloromethane	TO-15	12/20/2007	1.04	1	1.0	ND	µg/m ³	R14857
cis-1,2-dichloroethene	TO-15	12/20/2007	1.98	1	2.0	ND	µg/m ³	R14857
cis-1,3-Dichloropropene	TO-15	12/20/2007	2.27	1	2.3	ND	µg/m ³	R14857
Dibromochloromethane	TO-15	12/20/2007	4.26	1	4.3	ND	µg/m ³	R14857
Dichlorodifluoromethane	TO-15	12/20/2007	2.48	1	2.5	ND	µg/m ³	R14857
Ethyl Acetate	TO-15	12/20/2007	1.8	1	1.8	ND	µg/m ³	R14857
Ethyl Benzene	TO-15	12/20/2007	1.67	1	1.7	ND	µg/m ³	R14857
Freon 113	TO-15	12/20/2007	3.83	1	3.8	ND	µg/m ³	R14857
Hexachlorobutadiene	TO-15	12/20/2007	5.34	1	5.3	ND	µg/m ³	R14857

Client Sample ID: SG-16
Sample Location: 461 McGraw Ave
Sample Matrix: AIR
Date/Time Sampled 12/15/2007 11:34:00 AM

Lab Sample ID: 0712078-007
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Hexane	TO-15	12/20/2007	3.52	1	3.5	ND	µg/m ³	R14857
Isopropanol	TO-15	12/20/2007	16.4	1	16	ND	µg/m ³	R14857
m,p-Xylene	TO-15	12/20/2007	2.05	1	2.0	8.4	µg/m ³	R14857
Methylene Chloride	TO-15	12/20/2007	3.61	1	3.6	ND	µg/m ³	R14857
MTBE	TO-15	12/20/2007	1.81	1	1.8	ND	µg/m ³	R14857
Naphthalene	TO-15	12/20/2007	2.62	1	2.6	ND	µg/m ³	R14857
o-xylene	TO-15	12/20/2007	2.17	1	2.2	2.3	µg/m ³	R14857
Styrene	TO-15	12/20/2007	2.13	1	2.1	ND	µg/m ³	R14857
Tetrachloroethene	TO-15	12/20/2007	3.39	1	3.4	110	µg/m ³	R14857
Tetrahydrofuran	TO-15	12/20/2007	1.48	1	1.5	ND	µg/m ³	R14857
Toluene	TO-15	12/20/2007	1.89	1	1.9	9.7	µg/m ³	R14857
trans-1,2-Dichloroethene	TO-15	12/20/2007	1.98	1	2.0	ND	µg/m ³	R14857
Trichloroethene	TO-15	12/20/2007	2.69	1	2.7	ND	µg/m ³	R14857
Trichlorofluoromethane	TO-15	12/20/2007	2.48	1	2.5	14	µg/m ³	R14857
Vinyl Acetate	TO-15	12/20/2007	1.76	1	1.8	ND	µg/m ³	R14857
Vinyl Chloride	TO-15	12/20/2007	1.28	1	1.3	ND	µg/m ³	R14857
Surr: 4-Bromofluorobenzene	TO-15	12/20/2007	0	1	65-135	98.3	%REC	R14857

Client Sample ID:	SG-19	Lab Sample ID:	0712078-008
Sample Location:	461 McGraw Ave	Date Prepared:	
Sample Matrix:	AIR		
Date/Time Sampled	12/15/2007 11:35:00 AM		

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	12/20/2007	1.99	1	2.0	ND	µg/m ³	R14857
1,1,1,2-Tetrachloroethane	TO-15	12/20/2007	3.44	1	3.4	ND	µg/m ³	R14857
1,1,1-Trichloroethane	TO-15	12/20/2007	2.73	1	2.7	ND	µg/m ³	R14857
1,1,2,2-Tetrachloroethane	TO-15	12/20/2007	3.44	1	3.4	ND	µg/m ³	R14857
1,1,2-Trichloroethane	TO-15	12/20/2007	2.73	1	2.7	ND	µg/m ³	R14857
1,1-Dichloroethane	TO-15	12/20/2007	2.03	1	2.0	ND	µg/m ³	R14857
1,2,4-Trichlorobenzene	TO-15	12/20/2007	3.56	1	3.6	ND	µg/m ³	R14857
1,2,4-Trimethylbenzene	TO-15	12/20/2007	2.46	1	2.5	ND	µg/m ³	R14857
1,2-Dibromoethane(Ethylene dibromide)	TO-15	12/20/2007	3.84	1	3.8	ND	µg/m ³	R14857
1,2-Dichlorobenzene	TO-15	12/20/2007	3.01	1	3.0	ND	µg/m ³	R14857
1,2-Dichloroethane	TO-15	12/20/2007	2.03	1	2.0	ND	µg/m ³	R14857
1,2-Dichloropropane	TO-15	12/20/2007	2.31	1	2.3	ND	µg/m ³	R14857
1,2-dichlorotetrafluoroethane(F114)	TO-15	12/20/2007	3.13	1	3.1	ND	µg/m ³	R14857
1,3,5-Trimethylbenzene	TO-15	12/20/2007	2.46	1	2.5	ND	µg/m ³	R14857
1,3-Butadiene	TO-15	12/20/2007	1.11	1	1.1	ND	µg/m ³	R14857
1,3-Dichlorobenzene	TO-15	12/20/2007	3.01	1	3.0	ND	µg/m ³	R14857
1,4-Dichlorobenzene	TO-15	12/20/2007	3.01	1	3.0	ND	µg/m ³	R14857
1,4-Dioxane	TO-15	12/20/2007	1.8	1	1.8	ND	µg/m ³	R14857
2-Butanone (MEK)	TO-15	12/20/2007	1.48	1	1.5	4.0	µg/m ³	R14857
2-Hexanone	TO-15	12/20/2007	2.05	1	2.0	ND	µg/m ³	R14857
4-Ethyl Toluene	TO-15	12/20/2007	2.46	1	2.5	ND	µg/m ³	R14857
4-Methyl-2-Pentanone (MIBK)	TO-15	12/20/2007	2.05	1	2.0	ND	µg/m ³	R14857
Acetone	TO-15	12/20/2007	9.52	1	9.5	87	µg/m ³	R14857
Benzene	TO-15	12/20/2007	1.6	1	1.6	2.6	µg/m ³	R14857
Benzyl Chloride	TO-15	12/20/2007	2.88	1	2.9	ND	µg/m ³	R14857
Bromodichloromethane	TO-15	12/20/2007	3.35	1	3.4	ND	µg/m ³	R14857
Bromoform	TO-15	12/20/2007	5.17	1	5.2	ND	µg/m ³	R14857
Bromomethane	TO-15	12/20/2007	1.94	1	1.9	ND	µg/m ³	R14857
Carbon Disulfide	TO-15	12/20/2007	1.56	1	1.6	4.8	µg/m ³	R14857
Carbon Tetrachloride	TO-15	12/20/2007	3.15	1	3.2	ND	µg/m ³	R14857
Chlorobenzene	TO-15	12/20/2007	2.3	1	2.3	ND	µg/m ³	R14857
Chloroethane	TO-15	12/20/2007	1.32	1	1.3	ND	µg/m ³	R14857
Chloroform	TO-15	12/20/2007	2.44	1	2.4	ND	µg/m ³	R14857
Chloromethane	TO-15	12/20/2007	1.04	1	1.0	ND	µg/m ³	R14857
cis-1,2-dichloroethene	TO-15	12/20/2007	1.98	1	2.0	ND	µg/m ³	R14857
cis-1,3-Dichloropropene	TO-15	12/20/2007	2.27	1	2.3	ND	µg/m ³	R14857
Dibromochloromethane	TO-15	12/20/2007	4.26	1	4.3	ND	µg/m ³	R14857
Dichlorodifluoromethane	TO-15	12/20/2007	2.48	1	2.5	ND	µg/m ³	R14857
Ethyl Acetate	TO-15	12/20/2007	1.8	1	1.8	ND	µg/m ³	R14857
Ethyl Benzene	TO-15	12/20/2007	1.67	1	1.7	ND	µg/m ³	R14857
Freon 113	TO-15	12/20/2007	3.83	1	3.8	ND	µg/m ³	R14857
Hexachlorobutadiene	TO-15	12/20/2007	5.34	1	5.3	ND	µg/m ³	R14857

Client Sample ID: SG-19
Sample Location: 461 McGraw Ave
Sample Matrix: AIR
Date/Time Sampled 12/15/2007 11:35:00 AM

Lab Sample ID: 0712078-008
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Hexane	TO-15	12/20/2007	3.52	1	3.5	ND	µg/m ³	R14857
Isopropanol	TO-15	12/20/2007	16.4	1	16	ND	µg/m ³	R14857
m,p-Xylene	TO-15	12/20/2007	2.05	1	2.0	8.3	µg/m ³	R14857
Methylene Chloride	TO-15	12/20/2007	3.61	1	3.6	ND	µg/m ³	R14857
MTBE	TO-15	12/20/2007	1.81	1	1.8	ND	µg/m ³	R14857
Naphthalene	TO-15	12/20/2007	2.62	1	2.6	ND	µg/m ³	R14857
o-xylene	TO-15	12/20/2007	2.17	1	2.2	ND	µg/m ³	R14857
Styrene	TO-15	12/20/2007	2.13	1	2.1	ND	µg/m ³	R14857
Tetrachloroethene	TO-15	12/20/2007	3.39	1	3.4	59	µg/m ³	R14857
Tetrahydrofuran	TO-15	12/20/2007	1.48	1	1.5	ND	µg/m ³	R14857
Toluene	TO-15	12/20/2007	1.89	1	1.9	8.9	µg/m ³	R14857
trans-1,2-Dichloroethene	TO-15	12/20/2007	1.98	1	2.0	ND	µg/m ³	R14857
Trichloroethene	TO-15	12/20/2007	2.69	1	2.7	ND	µg/m ³	R14857
Trichlorofluoromethane	TO-15	12/20/2007	2.48	1	2.5	10	µg/m ³	R14857
Vinyl Acetate	TO-15	12/20/2007	1.76	1	1.8	ND	µg/m ³	R14857
Vinyl Chloride	TO-15	12/20/2007	1.28	1	1.3	ND	µg/m ³	R14857
Surr: 4-Bromofluorobenzene	TO-15	12/20/2007	0	1	65-135	96.2	%REC	R14857

Client Sample ID: SG-14@4'
 Sample Location: 461 McGraw Ave
 Sample Matrix: AIR
 Date/Time Sampled 12/15/2007 10:22:00 AM

Lab Sample ID: 0712078-009
 Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	12/21/2007	1.99	2.96	5.9	ND	µg/m ³	R14857
1,1,1,2-Tetrachloroethane	TO-15	12/21/2007	3.44	2.96	10	ND	µg/m ³	R14857
1,1,1-Trichloroethane	TO-15	12/21/2007	2.73	2.96	8.1	ND	µg/m ³	R14857
1,1,2,2-Tetrachloroethane	TO-15	12/21/2007	3.44	2.96	10	ND	µg/m ³	R14857
1,1,2-Trichloroethane	TO-15	12/21/2007	2.73	2.96	8.1	ND	µg/m ³	R14857
1,1-Dichloroethane	TO-15	12/21/2007	2.03	2.96	6.0	ND	µg/m ³	R14857
1,2,4-Trichlorobenzene	TO-15	12/21/2007	3.56	2.96	11	ND	µg/m ³	R14857
1,2,4-Trimethylbenzene	TO-15	12/21/2007	2.46	2.96	7.3	ND	µg/m ³	R14857
1,2-Dibromoethane(Ethylene dibromide)	TO-15	12/21/2007	3.84	2.96	11	ND	µg/m ³	R14857
1,2-Dichlorobenzene	TO-15	12/21/2007	3.01	2.96	8.9	ND	µg/m ³	R14857
1,2-Dichloroethane	TO-15	12/21/2007	2.03	2.96	6.0	ND	µg/m ³	R14857
1,2-Dichloropropane	TO-15	12/21/2007	2.31	2.96	6.8	ND	µg/m ³	R14857
1,2-dichlorotetrafluoroethane(F114)	TO-15	12/21/2007	3.13	2.96	9.3	ND	µg/m ³	R14857
1,3,5-Trimethylbenzene	TO-15	12/21/2007	2.46	2.96	7.3	ND	µg/m ³	R14857
1,3-Butadiene	TO-15	12/21/2007	1.11	2.96	3.3	ND	µg/m ³	R14857
1,3-Dichlorobenzene	TO-15	12/21/2007	3.01	2.96	8.9	ND	µg/m ³	R14857
1,4-Dichlorobenzene	TO-15	12/21/2007	3.01	2.96	8.9	ND	µg/m ³	R14857
1,4-Dioxane	TO-15	12/21/2007	1.8	2.96	5.3	ND	µg/m ³	R14857
2-Butanone (MEK)	TO-15	12/21/2007	1.48	2.96	4.4	160	µg/m ³	R14857
2-Hexanone	TO-15	12/21/2007	2.05	2.96	6.1	ND	µg/m ³	R14857
4-Ethyl Toluene	TO-15	12/21/2007	2.46	2.96	7.3	ND	µg/m ³	R14857
4-Methyl-2-Pentanone (MIBK)	TO-15	12/21/2007	2.05	2.96	6.1	ND	µg/m ³	R14857
Acetone	TO-15	12/21/2007	9.52	2.96	28	190	µg/m ³	R14857
Benzene	TO-15	12/21/2007	1.6	2.96	4.7	ND	µg/m ³	R14857
Benzyl Chloride	TO-15	12/21/2007	2.88	2.96	8.5	ND	µg/m ³	R14857
Bromodichloromethane	TO-15	12/21/2007	3.35	2.96	9.9	ND	µg/m ³	R14857
Bromoform	TO-15	12/21/2007	5.17	2.96	15	ND	µg/m ³	R14857
Bromomethane	TO-15	12/21/2007	1.94	2.96	5.7	ND	µg/m ³	R14857
Carbon Disulfide	TO-15	12/21/2007	1.56	2.96	4.6	9.5	µg/m ³	R14857
Carbon Tetrachloride	TO-15	12/21/2007	3.15	2.96	9.3	ND	µg/m ³	R14857
Chlorobenzene	TO-15	12/21/2007	2.3	2.96	6.8	ND	µg/m ³	R14857
Chloroethane	TO-15	12/21/2007	1.32	2.96	3.9	ND	µg/m ³	R14857
Chloroform	TO-15	12/21/2007	2.44	2.96	7.2	30	µg/m ³	R14857
Chloromethane	TO-15	12/21/2007	1.04	2.96	3.1	ND	µg/m ³	R14857
cis-1,2-dichloroethene	TO-15	12/21/2007	1.98	2.96	5.9	ND	µg/m ³	R14857
cis-1,3-Dichloropropene	TO-15	12/21/2007	2.27	2.96	6.7	ND	µg/m ³	R14857
Dibromochloromethane	TO-15	12/21/2007	4.26	2.96	13	ND	µg/m ³	R14857
Dichlorodifluoromethane	TO-15	12/21/2007	2.48	2.96	7.3	ND	µg/m ³	R14857
Ethyl Acetate	TO-15	12/21/2007	1.8	2.96	5.3	ND	µg/m ³	R14857
Ethyl Benzene	TO-15	12/21/2007	1.67	2.96	4.9	ND	µg/m ³	R14857
Freon 113	TO-15	12/21/2007	3.83	2.96	11	ND	µg/m ³	R14857
Hexachlorobutadiene	TO-15	12/21/2007	5.34	2.96	16	ND	µg/m ³	R14857

Client Sample ID: SG-14@4'
Sample Location: 461 McGraw Ave
Sample Matrix: AIR
Date/Time Sampled 12/15/2007 10:22:00 AM

Lab Sample ID: 0712078-009
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Hexane	TO-15	12/21/2007	3.52	2.96	10	37	µg/m ³	R14857
Isopropanol	TO-15	12/21/2007	16.4	2.96	49	ND	µg/m ³	R14857
m,p-Xylene	TO-15	12/21/2007	2.05	2.96	6.1	20	µg/m ³	R14857
Methylene Chloride	TO-15	12/21/2007	3.61	2.96	11	140	µg/m ³	R14857
MTBE	TO-15	12/21/2007	1.81	2.96	5.4	ND	µg/m ³	R14857
Naphthalene	TO-15	12/21/2007	2.62	2.96	7.8	ND	µg/m ³	R14857
o-xylene	TO-15	12/21/2007	2.17	2.96	6.4	ND	µg/m ³	R14857
Styrene	TO-15	12/21/2007	2.13	2.96	6.3	ND	µg/m ³	R14857
Tetrachloroethene	TO-15	12/21/2007	3.39	2.96	10	1300	µg/m ³	R14857
Tetrahydrofuran	TO-15	12/21/2007	1.48	2.96	4.4	ND	µg/m ³	R14857
Toluene	TO-15	12/21/2007	1.89	2.96	5.6	15	µg/m ³	R14857
trans-1,2-Dichloroethene	TO-15	12/21/2007	1.98	2.96	5.9	ND	µg/m ³	R14857
Trichloroethene	TO-15	12/21/2007	2.69	2.96	8.0	ND	µg/m ³	R14857
Trichlorofluoromethane	TO-15	12/21/2007	2.48	2.96	7.3	23	µg/m ³	R14857
Vinyl Acetate	TO-15	12/21/2007	1.76	2.96	5.2	ND	µg/m ³	R14857
Vinyl Chloride	TO-15	12/21/2007	1.28	2.96	3.8	ND	µg/m ³	R14857
Surr: 4-Bromofluorobenzene	TO-15	12/21/2007	0	2.96	65-135	79.7	%REC	R14857

Client Sample ID: SG-14@8'A
Sample Location: 461 McGraw Ave
Sample Matrix: AIR
Date/Time Sampled 12/15/2007 10:08:00 AM

Lab Sample ID: 0712078-010
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	12/20/2007	1.99	3.66	7.3	ND	µg/m³	R14857
1,1,1,2-Tetrachloroethane	TO-15	12/20/2007	3.44	3.66	13	ND	µg/m³	R14857
1,1,1-Trichloroethane	TO-15	12/20/2007	2.73	3.66	10	ND	µg/m³	R14857
1,1,2,2-Tetrachloroethane	TO-15	12/20/2007	3.44	3.66	13	ND	µg/m³	R14857
1,1,2-Trichloroethane	TO-15	12/20/2007	2.73	3.66	10	ND	µg/m³	R14857
1,1-Dichloroethane	TO-15	12/20/2007	2.03	3.66	7.4	ND	µg/m³	R14857
1,2,4-Trichlorobenzene	TO-15	12/20/2007	3.56	3.66	13	ND	µg/m³	R14857
1,2,4-Trimethylbenzene	TO-15	12/20/2007	2.46	3.66	9.0	ND	µg/m³	R14857
1,2-Dibromoethane(Ethylene dibromide)	TO-15	12/20/2007	3.84	3.66	14	ND	µg/m³	R14857
1,2-Dichlorobenzene	TO-15	12/20/2007	3.01	3.66	11	ND	µg/m³	R14857
1,2-Dichloroethane	TO-15	12/20/2007	2.03	3.66	7.4	ND	µg/m³	R14857
1,2-Dichloropropane	TO-15	12/20/2007	2.31	3.66	8.5	ND	µg/m³	R14857
1,2-dichlorotetrafluoroethane(F114)	TO-15	12/20/2007	3.13	3.66	11	ND	µg/m³	R14857
1,3,5-Trimethylbenzene	TO-15	12/20/2007	2.46	3.66	9.0	ND	µg/m³	R14857
1,3-Butadiene	TO-15	12/20/2007	1.11	3.66	4.1	ND	µg/m³	R14857
1,3-Dichlorobenzene	TO-15	12/20/2007	3.01	3.66	11	ND	µg/m³	R14857
1,4-Dichlorobenzene	TO-15	12/20/2007	3.01	3.66	11	ND	µg/m³	R14857
1,4-Dioxane	TO-15	12/20/2007	1.8	3.66	6.6	ND	µg/m³	R14857
2-Butanone (MEK)	TO-15	12/20/2007	1.48	3.66	5.4	220	µg/m³	R14857
2-Hexanone	TO-15	12/20/2007	2.05	3.66	7.5	ND	µg/m³	R14857
4-Ethyl Toluene	TO-15	12/20/2007	2.46	3.66	9.0	ND	µg/m³	R14857
4-Methyl-2-Pentanone (MIBK)	TO-15	12/20/2007	2.05	3.66	7.5	ND	µg/m³	R14857
Acetone	TO-15	12/21/2007	9.52	36.6	350	920	µg/m³	R14857
Benzene	TO-15	12/20/2007	1.6	3.66	5.9	49	µg/m³	R14857
Benzyl Chloride	TO-15	12/20/2007	2.88	3.66	11	ND	µg/m³	R14857
Bromodichloromethane	TO-15	12/20/2007	3.35	3.66	12	ND	µg/m³	R14857
Bromoform	TO-15	12/20/2007	5.17	3.66	19	ND	µg/m³	R14857
Bromomethane	TO-15	12/20/2007	1.94	3.66	7.1	ND	µg/m³	R14857
Carbon Disulfide	TO-15	12/20/2007	1.56	3.66	5.7	73	µg/m³	R14857
Carbon Tetrachloride	TO-15	12/20/2007	3.15	3.66	12	ND	µg/m³	R14857
Chlorobenzene	TO-15	12/20/2007	2.3	3.66	8.4	ND	µg/m³	R14857
Chloroethane	TO-15	12/20/2007	1.32	3.66	4.8	ND	µg/m³	R14857
Chloroform	TO-15	12/20/2007	2.44	3.66	8.9	220	µg/m³	R14857
Chloromethane	TO-15	12/20/2007	1.04	3.66	3.8	ND	µg/m³	R14857
cis-1,2-dichloroethene	TO-15	12/20/2007	1.98	3.66	7.2	ND	µg/m³	R14857
cis-1,3-Dichloropropene	TO-15	12/20/2007	2.27	3.66	8.3	ND	µg/m³	R14857
Dibromochloromethane	TO-15	12/20/2007	4.26	3.66	16	ND	µg/m³	R14857
Dichlorodifluoromethane	TO-15	12/20/2007	2.48	3.66	9.1	ND	µg/m³	R14857
Ethyl Acetate	TO-15	12/20/2007	1.8	3.66	6.6	ND	µg/m³	R14857
Ethyl Benzene	TO-15	12/20/2007	1.67	3.66	6.1	ND	µg/m³	R14857
Freon 113	TO-15	12/20/2007	3.83	3.66	14	ND	µg/m³	R14857
Hexachlorobutadiene	TO-15	12/20/2007	5.34	3.66	20	ND	µg/m³	R14857

Client Sample ID: SG-14@8'A
Sample Location: 461 McGraw Ave
Sample Matrix: AIR
Date/Time Sampled 12/15/2007 10:08:00 AM

Lab Sample ID: 0712078-010
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Hexane	TO-15	12/20/2007	3.52	3.66	13	350	µg/m ³	R14857
Isopropanol	TO-15	12/20/2007	16.4	3.66	60	ND	µg/m ³	R14857
m,p-Xylene	TO-15	12/20/2007	2.05	3.66	7.5	43	µg/m ³	R14857
Methylene Chloride	TO-15	12/20/2007	3.61	3.66	13	ND	µg/m ³	R14857
MTBE	TO-15	12/20/2007	1.81	3.66	6.6	ND	µg/m ³	R14857
Naphthalene	TO-15	12/20/2007	2.62	3.66	9.6	ND	µg/m ³	R14857
o-xylene	TO-15	12/20/2007	2.17	3.66	7.9	13	µg/m ³	R14857
Styrene	TO-15	12/20/2007	2.13	3.66	7.8	26	µg/m ³	R14857
Tetrachloroethene	TO-15	12/21/2007	3.39	36.6	120	4400	µg/m ³	R14857
Tetrahydrofuran	TO-15	12/20/2007	1.48	3.66	5.4	ND	µg/m ³	R14857
Toluene	TO-15	12/20/2007	1.89	3.66	6.9	74	µg/m ³	R14857
trans-1,2-Dichloroethene	TO-15	12/20/2007	1.98	3.66	7.2	ND	µg/m ³	R14857
Trichloroethene	TO-15	12/20/2007	2.69	3.66	9.8	ND	µg/m ³	R14857
Trichlorofluoromethane	TO-15	12/20/2007	2.48	3.66	9.1	ND	µg/m ³	R14857
Vinyl Acetate	TO-15	12/20/2007	1.76	3.66	6.4	ND	µg/m ³	R14857
Vinyl Chloride	TO-15	12/20/2007	1.28	3.66	4.7	ND	µg/m ³	R14857
Surr: 4-Bromofluorobenzene	TO-15	12/21/2007	0	36.6	65-135	85.8	%REC	R14857
Surr: 4-Bromofluorobenzene	TO-15	12/20/2007	0	3.66	65-135	95.4	%REC	R14857

Definitions, legends and Notes

Note	Description
ug/kg	Microgram per kilogram (ppb, part per billion).
ug/L	Microgram per liter (ppb, part per billion).
mg/kg	Milligram per kilogram (ppm, part per million).
mg/L	Milligram per liter (ppm, part per million).
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate.
MDL	Method detection limit.
MRL	Modified reporting limit. When sample is subject to dilution, reporting limit times dilution factor yields MRL.
MS/MSD	Matrix spike/matrix spike duplicate.
N/A	Not applicable.
ND	Not detected at or above detection limit.
NR	Not reported.
QC	Quality Control.
RL	Reporting limit.
% RPD	Percent relative difference.
a	pH was measured immediately upon the receipt of the sample, but it was still done outside the holding time.
sub	Analyzed by subcontracting laboratory, Lab Certificate #

CLIENT: Environmental Investigation Services
Work Order: 0712078
Project: 717-3F /461 McGraw Ave, Livermore CA

ANALYTICAL QC SUMMARY REPORT

BatchID: R14846

Sample ID MB	SampType: MBLK	TestCode: TO-15	Units: ppbv	Prep Date: 12/19/2007	RunNo: 14846						
Client ID: ZZZZZ	Batch ID: R14846	TestNo: TO-15		Analysis Date: 12/19/2007	SeqNo: 214422						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1 - Dichloroethene	ND	0.50									
1,1,1,2-Tetrachloroethane	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,1,2,2-Tetrachloroethane	ND	0.50									
1,1,2-Trichloroethane	ND	0.50									
1,1-Dichloroethane	ND	0.50									
1,2,4-Trichlorobenzene	ND	0.50									
1,2,4-Trimethylbenzene	ND	0.50									
1,2-Dibromoethane(Ethylene dibromide)	ND	0.50									
1,2-Dichlorobenzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									
1,2-dichlorotetrafluoroethane(F114)	ND	0.50									
1,3,5-Trimethylbenzene	ND	0.50									
1,3-Butadiene	ND	0.50									
1,3-Dichlorobenzene	ND	0.50									
1,4-Dichlorobenzene	ND	0.50									
1,4-Dioxane	ND	0.50									
2-Butanone (MEK)	ND	0.50									
2-Hexanone	ND	0.50									
4-Ethyl Toluene	ND	0.50									
4-Methyl-2-Pentanone (MIBK)	ND	0.50									
Acetone	ND	4.0									
Benzene	ND	0.50									
Benzyl Chloride	ND	0.50									
Bromodichloromethane	ND	0.50									
Bromoform	ND	0.50									
Bromomethane	ND	0.50									
Carbon Disulfide	ND	0.50									
Carbon Tetrachloride	ND	0.50									

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712078
Project: 717-3F /461 McGraw Ave, Livermore CA

ANALYTICAL QC SUMMARY REPORT

BatchID: R14846

Sample ID	MB	SampType: MBLK	TestCode: TO-15	Units: ppbv	Prep Date: 12/19/2007	RunNo: 14846					
Client ID: ZZZZZ	Batch ID: R14846	TestNo: TO-15	Analysis Date: 12/19/2007				SeqNo: 214422				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	0.50									
Chloroethane	ND	0.50									
Chloroform	ND	0.50									
Chloromethane	ND	0.50									
cis-1,2-dichloroethene	ND	0.50									
cis-1,3-Dichloropropene	ND	0.50									
Dibromochloromethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethyl Acetate	ND	0.50									
Ethyl Benzene	ND	0.50									
Freon 113	ND	0.50									
Hexachlorobutadiene	ND	0.50									
Hexane	ND	1.0									
Isopropanol	ND	4.0									
m,p-Xylene	ND	0.50									
Methylene Chloride	ND	1.0									
MTBE	ND	0.50									
Naphthalene	ND	5.0									
o-xylene	ND	0.50									
Styrene	ND	0.50									
Tetrachloroethene	ND	0.50									
Tetrahydrofuran	ND	0.50									
Toluene	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Trichloroethene	ND	0.50									
Trichlorofluoromethane	ND	0.50									
Vinyl Acetate	ND	0.50									
Vinyl Chloride	ND	0.50									
Surr: 4-Bromofluorobenzene	19.85	0	20	0	99.2	65	135				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712078
Project: 717-3F /461 McGraw Ave, Livermore CA

ANALYTICAL QC SUMMARY REPORT

BatchID: R14846

Sample ID	LCS	SampType: LCS	TestCode: TO-15	Units: ppbv	Prep Date: 12/18/2007	RunNo: 14846					
Client ID: ZZZZZ	Batch ID: R14846	TestNo: TO-15	Analysis Date: 12/18/2007	SeqNo: 214423							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1 - Dichloroethene	20.58	0.50	20	0	103	65	135				
1,1,1,2-Tetrachloroethane	21.35	0.50	20	0	107	65	135				
1,1,1-Trichloroethane	19.38	0.50	20	0	96.9	65	135				
1,1,2,2-Tetrachloroethane	20.78	0.50	20	0	104	65	135				
1,1,2-Trichloroethane	21.57	0.50	20	0	108	65	135				
1,1-Dichloroethane	20.30	0.50	20	0	102	65	135				
1,2,4-Trichlorobenzene	18.11	0.50	20	0	90.6	65	135				
1,2,4-Trimethylbenzene	19.74	0.50	20	0	98.7	65	135				
1,2-Dibromoethane(Ethylene dibromide)	20.22	0.50	20	0	101	65	135				
1,2-Dichlorobenzene	19.39	0.50	20	0	97.0	65	135				
1,2-Dichloroethane	21.70	0.50	20	0	108	65	135				
1,2-Dichloropropane	21.37	0.50	20	0	107	65	135				
1,2-dichlorotetrafluoroethane(F114)	15.30	0.50	20	0	76.5	65	135				
1,3,5-Trimethylbenzene	20.58	0.50	20	0	103	65	135				
1,3-Butadiene	20.64	0.50	20	0	103	65	135				
1,3-Dichlorobenzene	19.27	0.50	20	0	96.4	65	135				
1,4-Dichlorobenzene	19.27	0.50	20	0	96.4	65	135				
1,4-Dioxane	22.38	0.50	20	0	112	65	135				
2-Butanone (MEK)	21.93	0.50	20	0	110	65	135				
2-Hexanone	22.95	0.50	20	0	115	65	135				
4-Ethyl Toluene	20.90	0.50	20	0	104	65	135				
4-Methyl-2-Pentanone (MIBK)	22.26	0.50	20	0	111	65	135				
Acetone	23.19	4.0	20	0	116	65	135				
Benzene	20.12	0.50	20	0	101	65	135				
Benzyl Chloride	19.92	0.50	20	0	99.6	65	135				
Bromodichloromethane	21.52	0.50	20	0	108	65	135				
Bromoform	21.61	0.50	20	0	108	65	135				
Bromomethane	19.61	0.50	20	0	98.0	65	135				
Carbon Disulfide	20.97	0.50	20	0	105	65	135				
Carbon Tetrachloride	18.99	0.50	20	0	95.0	65	135				
Chlorobenzene	21.64	0.50	20	0	108	65	135				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712078
Project: 717-3F /461 McGraw Ave, Livermore CA

ANALYTICAL QC SUMMARY REPORT

BatchID: R14846

Sample ID	LCS	SampType: LCS	TestCode: TO-15	Units: ppbv	Prep Date: 12/18/2007	RunNo: 14846					
Client ID:	ZZZZZ	Batch ID: R14846	TestNo: TO-15	Analysis Date: 12/18/2007	SeqNo: 214423						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	19.54	0.50	20	0	97.7	65	135				
Chloroform	19.35	0.50	20	0	96.8	65	135				
Chloromethane	21.09	0.50	20	0	105	65	135				
cis-1,2-dichloroethene	19.46	0.50	20	0	97.3	65	135				
cis-1,3-Dichloropropene	20.96	0.50	20	0	105	65	135				
Dibromochloromethane	21.27	0.50	20	0	106	65	135				
Ethyl Acetate	21.61	0.50	20	0	108	65	135				
Ethyl Benzene	20.20	0.50	20	0	101	65	135				
Freon 113	19.28	0.50	20	0	96.4	65	135				
Hexachlorobutadiene	16.93	0.50	20	0	84.6	65	135				
Hexane	20.21	1.0	20	0	101	65	135				
Isopropanol	21.59	4.0	20	0	108	65	135				
m,p-Xylene	41.21	0.50	40	0	103	65	135				
Methylene Chloride	21.19	1.0	20	0	106	65	135				
MTBE	20.51	0.50	20	0	103	65	135				
Naphthalene	17.83	5.0	20	0	89.2	65	135				
o-xylene	20.88	0.50	20	0	104	65	135				
Styrene	20.52	0.50	20	0	103	65	135				
Tetrachloroethene	20.79	0.50	20	0	104	65	135				
Toluene	20.78	0.50	20	0	104	65	135				
trans-1,2-Dichloroethene	19.65	0.50	20	0	98.2	65	135				
Trichloroethene	20.84	0.50	20	0	104	65	135				
Trichlorofluoromethane	20.91	0.50	20	0	105	65	135				
Vinyl Acetate	21.90	0.50	20	0	110	65	135				
Vinyl Chloride	20.14	0.50	20	0	101	65	135				
Surr: 4-Bromofluorobenzene	19.36	0	20	0	96.8	65	135				

Sample ID	LCSD	SampType: LCSD	TestCode: TO-15	Units: ppbv	Prep Date: 12/19/2007	RunNo: 14846					
Client ID:	ZZZZZ	Batch ID: R14846	TestNo: TO-15	Analysis Date: 12/19/2007	SeqNo: 214424						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712078
Project: 717-3F /461 McGraw Ave, Livermore CA

ANALYTICAL QC SUMMARY REPORT

BatchID: R14846

Sample ID	LCSD	SampType: LCSD	TestCode: TO-15	Units: ppbv	Prep Date: 12/19/2007	RunNo: 14846					
Client ID: ZZZZZ	Batch ID: R14846	TestNo: TO-15	Analysis Date: 12/19/2007	SeqNo: 214424							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1 - Dichloroethene	20.00	0.50	20	0	100	65	135	20.58	2.86	30	
1,1,1,2-Tetrachloroethane	21.15	0.50	20	0	106	65	135	21.35	0.941	30	
1,1,1-Trichloroethane	20.05	0.50	20	0	100	65	135	19.38	3.40	30	
1,1,2,2-Tetrachloroethane	20.46	0.50	20	0	102	65	135	20.78	1.55	30	
1,1,2-Trichloroethane	21.21	0.50	20	0	106	65	135	21.57	1.68	30	
1,1-Dichloroethane	19.59	0.50	20	0	98.0	65	135	20.3	3.56	30	
1,2,4-Trichlorobenzene	17.85	0.50	20	0	89.2	65	135	18.11	1.45	30	
1,2,4-Trimethylbenzene	20.17	0.50	20	0	101	65	135	19.74	2.15	30	
1,2-Dibromoethane(Ethylene dibromide)	20.57	0.50	20	0	103	65	135	20.22	1.72	30	
1,2-Dichlorobenzene	19.03	0.50	20	0	95.2	65	135	19.39	1.87	30	
1,2-Dichloroethane	22.23	0.50	20	0	111	65	135	21.7	2.41	30	
1,2-Dichloropropane	20.18	0.50	20	0	101	65	135	21.37	5.73	30	
1,2-dichlorotetrafluoroethane(F114)	17.03	0.50	20	0	85.2	65	135	15.3	10.7	30	
1,3,5-Trimethylbenzene	20.58	0.50	20	0	103	65	135	20.58	0	30	
1,3-Butadiene	19.75	0.50	20	0	98.8	65	135	20.64	4.41	30	
1,3-Dichlorobenzene	19.63	0.50	20	0	98.2	65	135	19.27	1.85	30	
1,4-Dichlorobenzene	19.63	0.50	20	0	98.2	65	135	19.27	1.85	30	
1,4-Dioxane	23.22	0.50	20	0	116	65	135	22.38	3.68	30	
2-Butanone (MEK)	20.95	0.50	20	0	105	65	135	21.93	4.57	30	
2-Hexanone	21.77	0.50	20	0	109	65	135	22.95	5.28	30	
4-Ethyl Toluene	20.60	0.50	20	0	103	65	135	20.9	1.45	30	
4-Methyl-2-Pentanone (MIBK)	22.71	0.50	20	0	114	65	135	22.26	2.00	30	
Acetone	21.93	4.0	20	0	110	65	135	23.19	5.59	30	
Benzene	19.58	0.50	20	0	97.9	65	135	20.12	2.72	30	
Benzyl Chloride	20.09	0.50	20	0	100	65	135	19.92	0.850	30	
Bromodichloromethane	22.38	0.50	20	0	112	65	135	21.52	3.92	30	
Bromoform	21.70	0.50	20	0	108	65	135	21.61	0.416	30	
Bromomethane	19.43	0.50	20	0	97.2	65	135	19.61	0.922	30	
Carbon Disulfide	19.87	0.50	20	0	99.4	65	135	20.97	5.39	30	
Carbon Tetrachloride	19.66	0.50	20	0	98.3	65	135	18.99	3.47	30	
Chlorobenzene	21.10	0.50	20	0	106	65	135	21.64	2.53	30	

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712078
Project: 717-3F /461 McGraw Ave, Livermore CA

ANALYTICAL QC SUMMARY REPORT

BatchID: R14846

Sample ID	LCSD	SampType: LCSD	TestCode: TO-15		Units: ppbv	Prep Date: 12/19/2007			RunNo: 14846		
Client ID:	ZZZZZ	Batch ID: R14846	TestNo: TO-15			Analysis Date: 12/19/2007			SeqNo: 214424		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	15.37	0.50	20	0	76.8	65	135	19.54	23.9	30	
Chloroform	19.39	0.50	20	0	97.0	65	135	19.35	0.207	30	
Chloromethane	22.67	0.50	20	0	113	65	135	21.09	7.22	30	
cis-1,2-dichloroethene	19.71	0.50	20	0	98.6	65	135	19.46	1.28	30	
cis-1,3-Dichloropropene	22.11	0.50	20	0	111	65	135	20.96	5.34	30	
Dibromochloromethane	21.00	0.50	20	0	105	65	135	21.27	1.28	30	
Ethyl Acetate	20.75	0.50	20	0	104	65	135	21.61	4.06	30	
Ethyl Benzene	20.35	0.50	20	0	102	65	135	20.2	0.740	30	
Freon 113	20.15	0.50	20	0	101	65	135	19.28	4.41	30	
Hexachlorobutadiene	17.06	0.50	20	0	85.3	65	135	16.93	0.765	30	
Hexane	19.98	1.0	20	0	99.9	65	135	20.21	1.14	30	
Isopropanol	22.18	4.0	20	0	111	65	135	21.59	2.70	30	
m,p-Xylene	39.86	0.50	40	0	99.7	65	135	41.21	3.33	30	
Methylene Chloride	19.80	1.0	20	0	99.0	65	135	21.19	6.78	30	
MTBE	20.32	0.50	20	0	102	65	135	20.51	0.931	30	
Naphthalene	17.94	5.0	20	0	89.7	65	135	17.83	0.615	30	
o-xylene	19.86	0.50	20	0	99.3	65	135	20.88	5.01	30	
Styrene	20.46	0.50	20	0	102	65	135	20.52	0.293	30	
Tetrachloroethene	20.57	0.50	20	0	103	65	135	20.79	1.06	30	
Toluene	22.21	0.50	20	0	111	65	135	20.78	6.65	30	
trans-1,2-Dichloroethene	19.12	0.50	20	0	95.6	65	135	19.65	2.73	30	
Trichloroethene	21.18	0.50	20	0	106	65	135	20.84	1.62	30	
Trichlorofluoromethane	20.11	0.50	20	0	101	65	135	20.91	3.90	30	
Vinyl Acetate	20.96	0.50	20	0	105	65	135	21.9	4.39	30	
Vinyl Chloride	19.16	0.50	20	0	95.8	65	135	20.14	4.99	30	
Surr: 4-Bromofluorobenzene	19.80	0	20	0	99.0	65	135	0	0	30	

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712078
Project: 717-3F /461 McGraw Ave, Livermore CA

ANALYTICAL QC SUMMARY REPORT

BatchID: R14857

Sample ID MB2	SampType: MBLK	TestCode: TO-15	Units: ppbv	Prep Date: 12/20/2007	RunNo: 14857
Client ID: ZZZZZ	Batch ID: R14857	TestNo: TO-15		Analysis Date: 12/20/2007	SeqNo: 214513

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1 - Dichloroethene	ND	0.50									
1,1,1,2-Tetrachloroethane	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,1,2,2-Tetrachloroethane	ND	0.50									
1,1,2-Trichloroethane	ND	0.50									
1,1-Dichloroethane	ND	0.50									
1,2,4-Trichlorobenzene	ND	0.50									
1,2,4-Trimethylbenzene	ND	0.50									
1,2-Dibromoethane(Ethylene dibromide)	ND	0.50									
1,2-Dichlorobenzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									
1,2-dichlorotetrafluoroethane(F114)	ND	0.50									
1,3,5-Trimethylbenzene	ND	0.50									
1,3-Butadiene	ND	0.50									
1,3-Dichlorobenzene	ND	0.50									
1,4-Dichlorobenzene	ND	0.50									
1,4-Dioxane	ND	0.50									
2-Butanone (MEK)	ND	0.50									
2-Hexanone	ND	0.50									
4-Ethyl Toluene	ND	0.50									
4-Methyl-2-Pentanone (MIBK)	ND	0.50									
Acetone	ND	4.0									
Benzene	ND	0.50									
Benzyl Chloride	ND	0.50									
Bromodichloromethane	ND	0.50									
Bromoform	ND	0.50									
Bromomethane	ND	0.50									
Carbon Disulfide	ND	0.50									
Carbon Tetrachloride	ND	0.50									
Chlorobenzene	ND	0.50									

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712078
Project: 717-3F /461 McGraw Ave, Livermore CA

ANALYTICAL QC SUMMARY REPORT

BatchID: R14857

Sample ID MB2	SampType: MBLK	TestCode: TO-15	Units: ppbv	Prep Date: 12/20/2007	RunNo: 14857						
Client ID: ZZZZZ	Batch ID: R14857	TestNo: TO-15		Analysis Date: 12/20/2007	SeqNo: 214513						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	ND	0.50									
Chloroform	ND	0.50									
Chloromethane	ND	0.50									
cis-1,2-dichloroethene	ND	0.50									
cis-1,3-Dichloropropene	ND	0.50									
Dibromochloromethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethyl Acetate	ND	0.50									
Ethyl Benzene	ND	0.50									
Freon 113	ND	0.50									
Hexachlorobutadiene	ND	0.50									
Hexane	ND	1.0									
Isopropanol	ND	4.0									
m,p-Xylene	ND	0.50									
Methylene Chloride	ND	1.0									
MTBE	ND	0.50									
Naphthalene	ND	5.0									
o-xylene	ND	0.50									
Styrene	ND	0.50									
Tetrachloroethene	ND	0.50									
Tetrahydrofuran	ND	0.50									
Toluene	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Trichloroethene	ND	0.50									
Trichlorofluoromethane	ND	0.50									
Vinyl Acetate	ND	0.50									
Vinyl Chloride	ND	0.50									
Surr: 4-Bromofluorobenzene	19.29	0	20	0	96.5	65	135				

Qualifiers:	E Value above quantitation range	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits	S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712078
Project: 717-3F /461 McGraw Ave, Livermore CA

ANALYTICAL QC SUMMARY REPORT

BatchID: R14857

Sample ID	LCS2	SampType: LCS	TestCode: TO-15	Units: ppbv	Prep Date: 12/20/2007	RunNo: 14857					
Client ID:	ZZZZZ	Batch ID: R14857	TestNo: TO-15		Analysis Date: 12/20/2007	SeqNo: 214514					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1 - Dichloroethene	20.59	0.50	20	0	103	65	135				
1,1,1,2-Tetrachloroethane	22.59	0.50	20	0	113	65	135				
1,1,1-Trichloroethane	20.58	0.50	20	0	103	65	135				
1,1,2,2-Tetrachloroethane	22.30	0.50	20	0	112	65	135				
1,1,2-Trichloroethane	23.52	0.50	20	0	118	65	135				
1,1-Dichloroethane	20.37	0.50	20	0	102	65	135				
1,2,4-Trichlorobenzene	19.25	0.50	20	0	96.2	65	135				
1,2,4-Trimethylbenzene	21.31	0.50	20	0	107	65	135				
1,2-Dibromoethane(Ethylene dibromide)	21.86	0.50	20	0	109	65	135				
1,2-Dichlorobenzene	20.81	0.50	20	0	104	65	135				
1,2-Dichloroethane	21.46	0.50	20	0	107	65	135				
1,2-Dichloropropane	19.06	0.50	20	0	95.3	65	135				
1,2-dichlorotetrafluoroethane(F114)	20.79	0.50	20	0	104	65	135				
1,3,5-Trimethylbenzene	22.27	0.50	20	0	111	65	135				
1,3-Butadiene	21.03	0.50	20	0	105	65	135				
1,3-Dichlorobenzene	20.96	0.50	20	0	105	65	135				
1,4-Dichlorobenzene	20.96	0.50	20	0	105	65	135				
1,4-Dioxane	21.97	0.50	20	0	110	65	135				
2-Butanone (MEK)	21.62	0.50	20	0	108	65	135				
2-Hexanone	23.18	0.50	20	0	116	65	135				
4-Ethyl Toluene	22.09	0.50	20	0	110	65	135				
4-Methyl-2-Pentanone (MIBK)	22.77	0.50	20	0	114	65	135				
Acetone	22.22	4.0	20	0	111	65	135				
Benzene	21.48	0.50	20	0	107	65	135				
Benzyl Chloride	21.00	0.50	20	0	105	65	135				
Bromodichloromethane	21.90	0.50	20	0	110	65	135				
Bromoform	24.06	0.50	20	0	120	65	135				
Bromomethane	20.11	0.50	20	0	101	65	135				
Carbon Disulfide	20.75	0.50	20	0	104	65	135				
Carbon Tetrachloride	20.29	0.50	20	0	101	65	135				
Chlorobenzene	22.54	0.50	20	0	113	65	135				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712078
Project: 717-3F /461 McGraw Ave, Livermore CA

ANALYTICAL QC SUMMARY REPORT

BatchID: R14857

Sample ID	SampType:	TestCode:	Units:			Prep Date:	RunNo:				
LCS2	LCS	TO-15	ppbv			12/20/2007	14857				
Client ID:	Batch ID:	TestNo:				Analysis Date:	SeqNo:				
ZZZZZ	R14857	TO-15				12/20/2007	214514				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	21.26	0.50	20	0	106	65	135				
Chloroform	19.28	0.50	20	0	96.4	65	135				
Chloromethane	27.03	0.50	20	0	135	65	135				
cis-1,2-dichloroethene	20.38	0.50	20	0	102	65	135				
cis-1,3-Dichloropropene	21.66	0.50	20	0	108	65	135				
Dibromochloromethane	22.83	0.50	20	0	114	65	135				
Ethyl Acetate	21.58	0.50	20	0	108	65	135				
Ethyl Benzene	21.69	0.50	20	0	108	65	135				
Freon 113	20.48	0.50	20	0	102	65	135				
Hexachlorobutadiene	18.71	0.50	20	0	93.6	65	135				
Hexane	21.12	1.0	20	0	106	65	135				
Isopropanol	24.11	4.0	20	0	121	65	135				
m,p-Xylene	43.57	0.50	40	0	109	65	135				
Methylene Chloride	21.59	1.0	20	0	108	65	135				
MTBE	20.48	0.50	20	0	102	65	135				
Naphthalene	19.39	5.0	20	0	97.0	65	135				
o-xylene	20.57	0.50	20	0	103	65	135				
Styrene	21.84	0.50	20	0	109	65	135				
Tetrachloroethene	22.59	0.50	20	0.36	111	65	135				
Toluene	21.86	0.50	20	0	109	65	135				
trans-1,2-Dichloroethene	19.85	0.50	20	0	99.2	65	135				
Trichloroethene	21.47	0.50	20	0	107	65	135				
Trichlorofluoromethane	21.26	0.50	20	0	106	65	135				
Vinyl Acetate	20.86	0.50	20	0	104	65	135				
Vinyl Chloride	20.64	0.50	20	0	103	65	135				
Surr: 4-Bromofluorobenzene	20.44	0	20	0	102	65	135				

Sample ID	SampType:	TestCode:	Units:			Prep Date:	RunNo:				
LCSD2	LCSD	TO-15	ppbv			12/21/2007	14857				
Client ID:	Batch ID:	TestNo:				Analysis Date:	SeqNo:				
ZZZZZ	R14857	TO-15				12/21/2007	214515				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712078
Project: 717-3F /461 McGraw Ave, Livermore CA

ANALYTICAL QC SUMMARY REPORT

BatchID: R14857

Sample ID	SampType:	TestCode:	Units:			Prep Date:	RunNo:				
LCS D2	LCS D	TO-15	ppbv			12/21/2007	14857				
Client ID:	Batch ID:	TestNo:				Analysis Date:	SeqNo:				
ZZZZZ	R14857	TO-15				12/21/2007	214515				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1 - Dichloroethene	21.47	0.50	20	0	107	65	135	20.59	4.18	30	
1,1,1,2-Tetrachloroethane	21.77	0.50	20	0	109	65	135	22.59	3.70	30	
1,1,1-Trichloroethane	20.90	0.50	20	0	104	65	135	20.58	1.54	30	
1,1,2,2-Tetrachloroethane	22.36	0.50	20	0	112	65	135	22.3	0.269	30	
1,1,2-Trichloroethane	22.82	0.50	20	0	114	65	135	23.52	3.02	30	
1,1-Dichloroethane	21.78	0.50	20	0	109	65	135	20.37	6.69	30	
1,2,4-Trichlorobenzene	19.47	0.50	20	0	97.4	65	135	19.25	1.14	30	
1,2,4-Trimethylbenzene	20.38	0.50	20	0	102	65	135	21.31	4.46	30	
1,2-Dibromoethane(Ethylene dibromide)	21.68	0.50	20	0	108	65	135	21.86	0.827	30	
1,2-Dichlorobenzene	20.83	0.50	20	0	104	65	135	20.81	0.0961	30	
1,2-Dichloroethane	23.61	0.50	20	0	118	65	135	21.46	9.54	30	
1,2-Dichloropropane	18.08	0.50	20	0	90.4	65	135	19.06	5.28	30	
1,2-dichlorotetrafluoroethane(F114)	18.77	0.50	20	0	93.8	65	135	20.79	10.2	30	
1,3,5-Trimethylbenzene	20.88	0.50	20	0	104	65	135	22.27	6.44	30	
1,3-Butadiene	22.13	0.50	20	0	111	65	135	21.03	5.10	30	
1,3-Dichlorobenzene	20.73	0.50	20	0	104	65	135	20.96	1.10	30	
1,4-Dichlorobenzene	20.73	0.50	20	0	104	65	135	20.96	1.10	30	
1,4-Dioxane	22.09	0.50	20	0	110	65	135	21.97	0.545	30	
2-Butanone (MEK)	23.00	0.50	20	0	115	65	135	21.62	6.19	30	
2-Hexanone	23.30	0.50	20	0	116	65	135	23.18	0.516	30	
4-Ethyl Toluene	20.90	0.50	20	0	104	65	135	22.09	5.54	30	
4-Methyl-2-Pentanone (MIBK)	23.08	0.50	20	0	115	65	135	22.77	1.35	30	
Acetone	25.93	4.0	20	0	130	65	135	22.22	15.4	30	
Benzene	20.47	0.50	20	0	102	65	135	21.48	4.82	30	
Benzyl Chloride	20.44	0.50	20	0	102	65	135	21	2.70	30	
Bromodichloromethane	22.73	0.50	20	0	114	65	135	21.9	3.72	30	
Bromoform	22.37	0.50	20	0	112	65	135	24.06	7.28	30	
Bromomethane	21.64	0.50	20	0	108	65	135	20.11	7.33	30	
Carbon Disulfide	21.89	0.50	20	0	109	65	135	20.75	5.35	30	
Carbon Tetrachloride	21.08	0.50	20	0	105	65	135	20.29	3.82	30	
Chlorobenzene	22.59	0.50	20	0	113	65	135	22.54	0.222	30	

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712078
Project: 717-3F /461 McGraw Ave, Livermore CA

ANALYTICAL QC SUMMARY REPORT

BatchID: R14857

Sample ID	SampType:	TestCode:	Units:			Prep Date:	RunNo:				
LCSD2	LCSD	TO-15	ppbv			12/21/2007	14857				
Client ID:	Batch ID:	TestNo:				Analysis Date:	SeqNo:				
ZZZZZ	R14857	TO-15				12/21/2007	214515				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	20.05	0.50	20	0	100	65	135	21.26	5.86	30	
Chloroform	19.85	0.50	20	0	99.2	65	135	19.28	2.91	30	
Chloromethane	22.74	0.50	20	0	114	65	135	27.03	17.2	30	
cis-1,2-dichloroethene	21.01	0.50	20	0	105	65	135	20.38	3.04	30	
cis-1,3-Dichloropropene	21.58	0.50	20	0	108	65	135	21.66	0.370	30	
Dibromochloromethane	23.07	0.50	20	0	115	65	135	22.83	1.05	30	
Ethyl Acetate	22.45	0.50	20	0	112	65	135	21.58	3.95	30	
Ethyl Benzene	21.29	0.50	20	0	106	65	135	21.69	1.86	30	
Freon 113	21.01	0.50	20	0	105	65	135	20.48	2.55	30	
Hexachlorobutadiene	19.30	0.50	20	0	96.5	65	135	18.71	3.10	30	
Hexane	20.84	1.0	20	0	104	65	135	21.12	1.33	30	
Isopropanol	23.68	4.0	20	0	118	65	135	24.11	1.80	30	
m,p-Xylene	44.23	0.50	40	0	111	65	135	43.57	1.50	30	
Methylene Chloride	22.11	1.0	20	0	111	65	135	21.59	2.38	30	
MTBE	22.09	0.50	20	0	110	65	135	20.48	7.56	30	
Naphthalene	19.17	5.0	20	0	95.8	65	135	19.39	1.14	30	
o-xylene	21.92	0.50	20	0	110	65	135	20.57	6.35	30	
Styrene	21.87	0.50	20	0	109	65	135	21.84	0.137	30	
Tetrachloroethene	22.16	0.50	20	0.36	109	65	135	22.59	1.92	30	
Toluene	21.15	0.50	20	0	106	65	135	21.86	3.30	30	
trans-1,2-Dichloroethene	20.21	0.50	20	0	101	65	135	19.85	1.80	30	
Trichloroethene	21.40	0.50	20	0	107	65	135	21.47	0.327	30	
Trichlorofluoromethane	22.29	0.50	20	0	111	65	135	21.26	4.73	30	
Vinyl Acetate	19.43	0.50	20	0	97.2	65	135	20.86	7.10	30	
Vinyl Chloride	22.03	0.50	20	0	110	65	135	20.64	6.52	30	
Surr: 4-Bromofluorobenzene	19.49	0	20	0	97.5	65	135	0	0	30	

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits



483 Sinclair Frontage Road
 Milpitas, CA 95035
 Phone: 408.263.5258
 FAX: 408.263.8293
 www.torrentlab.com

CHAIN OF CUSTODY

LAB WORK ORDER NO

0712078

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

Company Name: Environmental Investigation Services Location of Sampling: 461 McGraw Ave, Livermore CA
 Address: 170 Knowles Drive, Suite 212 Purpose:
 City: Los Gatos State: CA Zip Code: 95032 Special Instructions / Comments:
 Telephone: 408 871 1470 FAX: 408 871 1520
 REPORT TO: Peter Littman SAMPLER: Pan + Em P.O. #: 717-3F EMAIL: plittman@eisi.net

TURNAROUND TIME:

- 10 Work Days 3 Work Days Noon - Nxt Day
 7 Work Days 2 Work Days 2 - 8 Hours
 5 Work Days 1 Work Day Other

SAMPLE TYPE:

- Storm Water Air
 Waste Water Other
 Ground Water
 Soil

REPORT FORMAT:

- QC Level IV
 EDF
 Excel / EDD

- EPA 8260B - Full List
 EPA 8260B - 8010 List
 THP gas BTEX
 Oxygenates MTBE
 THP Diesel Si-Gel
 Motor Oil
 Pesticide - 8081
 PCB - 8082
 Metals CAM - 17
 LUFT 5 7 Metals
 8270 Full List
 PAHs Only

ANALYSIS REQUESTED

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	EPA 8260B - Full List	EPA 8260B - 8010 List	THP gas	BTEX	Oxygenates	MTBE	THP Diesel	Si-Gel	Motor Oil	Pesticide - 8081	PCB - 8082	Metals	CAM - 17	LUFT 5	7 Metals	8270 Full List	PAHs Only	REMARKS		
01A	SG-9@4'A	9:45 12/15/07	Gas	1	Summary																		X		
02A	SG-7B	9:55	"	1	"																			X	
03A	SG-22	10:25	"	1	"																			X	
04A	SG-24	10:31	"	1	"																			X	
05A	SG-23	10:55	"	1	"																			X	
06A	SG-17	11:20	"	1	"																			X	
07A	SG-16	11:34	"	1	"																			X	
08A	SG-19	11:35	"	1	"																			X	
09A	SG-14@4'	10:22																							
10A	SG-14@8'A	10:08																							

1 Relinquished By: [Signature] Print: PAVINDRA Date: 12/15/07 Time: 2:00 Received By: [Signature] Print: [Signature] Date: 12/15/07 Time: 14:45

2 Relinquished By: _____ Print: _____ Date: _____ Time: _____ Received By: _____ Print: _____ Date: _____ Time: _____

Were Samples Received in Good Condition? Yes NO Samples on Ice? Yes NO Method of Shipment _____ Sample seals intact? Yes NO N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.

Page 1 of 1

Log In By: _____ Date: _____ Log In Reviewed By: _____ Date: _____

TORRENT LAB



December 26, 2007

Peter Littman
Environmental Investigation Services
170 Knowles Drive, Suite 212
Los Gatos, CA 95032

TEL: (408) 871-1470

FAX (408) 871-1520

RE: 717-3F

Order No.: 0712087

Dear Peter Littman:

Torrent Laboratory, Inc. received 8 samples on 12/14/2007 for the analyses presented in the following report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these tests results, please feel free to contact the Project Management Team at (408)263-5258;ext: 204.

Sincerely,


Laboratory Director

12/26/07
Date



TORRENT LABORATORY, INC.

483 Sinclair Frontage Road * Milpitas, CA * Phone: (408) 2635258 * Fax: (408) 263-8293
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Report Prepared For: Peter Littman
Environmental Investigation Services

Date Received: 12/14/2007
Date Reported: 12/26/2007

Summary Report

SG-21	Toxic Organics in Air by EPA TO-15			Lab ID: 0712087-001A	
<u>Parameter</u>	<u>Preped</u>	<u>Analyzed</u>	<u>Result</u>	<u>RL</u>	<u>Unit</u>
2-Butanone (MEK)	12/18/2007	12/18/2007	7.5	1.5	µg/m ³
Acetone	12/18/2007	12/18/2007	180	9.5	µg/m ³
Isopropanol	12/18/2007	12/18/2007	35	16	µg/m ³
m,p-Xylene	12/18/2007	12/18/2007	7.3	2.0	µg/m ³
Tetrachloroethene	12/19/2007	12/19/2007	4100	68	µg/m ³
Toluene	12/18/2007	12/18/2007	150	1.9	µg/m ³
Trichlorofluoromethane	12/18/2007	12/18/2007	260	2.5	µg/m ³

SG-11	Toxic Organics in Air by EPA TO-15			Lab ID: 0712087-002A	
<u>Parameter</u>	<u>Preped</u>	<u>Analyzed</u>	<u>Result</u>	<u>RL</u>	<u>Unit</u>
Acetone	12/18/2007	12/18/2007	71	9.5	µg/m ³
Benzene	12/18/2007	12/18/2007	3.3	1.6	µg/m ³
Hexane	12/18/2007	12/18/2007	30	3.5	µg/m ³
Isopropanol	12/19/2007	12/19/2007	420	82	µg/m ³
m,p-Xylene	12/18/2007	12/18/2007	9.2	2.0	µg/m ³
Toluene	12/18/2007	12/18/2007	16	1.9	µg/m ³

SG-12	Toxic Organics in Air by EPA TO-15			Lab ID: 0712087-003A	
<u>Parameter</u>	<u>Preped</u>	<u>Analyzed</u>	<u>Result</u>	<u>RL</u>	<u>Unit</u>
Acetone	12/19/2007	12/19/2007	11	9.5	µg/m ³
Benzene	12/19/2007	12/19/2007	1.7	1.6	µg/m ³
m,p-Xylene	12/19/2007	12/19/2007	5.2	2.0	µg/m ³
Methylene Chloride	12/19/2007	12/19/2007	34	3.6	µg/m ³
Toluene	12/19/2007	12/19/2007	3.5	1.9	µg/m ³

SG-13	Toxic Organics in Air by EPA TO-15			Lab ID: 0712087-004A	
<u>Parameter</u>	<u>Preped</u>	<u>Analyzed</u>	<u>Result</u>	<u>RL</u>	<u>Unit</u>
1,2,4-Trimethylbenzene	12/18/2007	12/18/2007	2.6	2.5	µg/m ³
2-Butanone (MEK)	12/18/2007	12/18/2007	7.8	1.5	µg/m ³
Acetone	12/18/2007	12/18/2007	28	9.5	µg/m ³
Benzene	12/18/2007	12/18/2007	9.3	1.6	µg/m ³
m,p-Xylene	12/18/2007	12/18/2007	5.7	2.0	µg/m ³



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Summary Report

SG-13 Toxic Organics in Air by EPA TO-15 Lab ID: 0712087-004A

<u>Parameter</u>	<u>Preped</u>	<u>Analyzed</u>	<u>Result</u>	<u>RL</u>	<u>Unit</u>
Tetrachloroethene	12/18/2007	12/18/2007	4300	170	µg/m ³
Toluene	12/18/2007	12/18/2007	7.0	1.9	µg/m ³
Trichlorofluoromethane	12/18/2007	12/18/2007	1100	120	µg/m ³

SG-20 Toxic Organics in Air by EPA TO-15 Lab ID: 0712087-005A

<u>Parameter</u>	<u>Preped</u>	<u>Analyzed</u>	<u>Result</u>	<u>RL</u>	<u>Unit</u>
Acetone	12/18/2007	12/18/2007	32	9.5	µg/m ³
Benzene	12/18/2007	12/18/2007	2.3	1.6	µg/m ³
m,p-Xylene	12/18/2007	12/18/2007	4.7	2.0	µg/m ³
Tetrachloroethene	12/18/2007	12/18/2007	190	3.4	µg/m ³
Toluene	12/18/2007	12/18/2007	3.3	1.9	µg/m ³
Trichlorofluoromethane	12/18/2007	12/18/2007	84	2.5	µg/m ³

SG-15 Toxic Organics in Air by EPA TO-15 Lab ID: 0712087-006A

<u>Parameter</u>	<u>Preped</u>	<u>Analyzed</u>	<u>Result</u>	<u>RL</u>	<u>Unit</u>
2-Butanone (MEK)	12/18/2007	12/18/2007	10	1.5	µg/m ³
Acetone	12/18/2007	12/18/2007	56	9.5	µg/m ³
Benzene	12/18/2007	12/18/2007	4.1	1.6	µg/m ³
Carbon Disulfide	12/18/2007	12/18/2007	4.2	1.6	µg/m ³
m,p-Xylene	12/18/2007	12/18/2007	7.2	2.0	µg/m ³
Tetrachloroethene	12/18/2007	12/18/2007	59	3.4	µg/m ³
Toluene	12/18/2007	12/18/2007	8.0	1.9	µg/m ³
Trichlorofluoromethane	12/18/2007	12/18/2007	290	25	µg/m ³

SG-18 Toxic Organics in Air by EPA TO-15 Lab ID: 0712087-007A

<u>Parameter</u>	<u>Preped</u>	<u>Analyzed</u>	<u>Result</u>	<u>RL</u>	<u>Unit</u>
Acetone	12/18/2007	12/18/2007	55	9.5	µg/m ³
Benzene	12/18/2007	12/18/2007	3.1	1.6	µg/m ³
m,p-Xylene	12/18/2007	12/18/2007	7.1	2.0	µg/m ³
Tetrachloroethene	12/18/2007	12/18/2007	16	3.4	µg/m ³
Toluene	12/18/2007	12/18/2007	8.4	1.9	µg/m ³
Trichlorofluoromethane	12/18/2007	12/18/2007	76	25	µg/m ³



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Summary Report

SG-10	Toxic Organics in Air by EPA TO-15			Lab ID:	0712087-008A
<u>Parameter</u>	<u>Preped</u>	<u>Analyzed</u>	<u>Result</u>	<u>RL</u>	<u>Unit</u>
1,2,4-Trimethylbenzene	12/18/2007	12/18/2007	4.0	2.5	µg/m ³
2-Butanone (MEK)	12/18/2007	12/18/2007	7.5	1.5	µg/m ³
Acetone	12/18/2007	12/18/2007	23	9.5	µg/m ³
Benzene	12/18/2007	12/18/2007	3.5	1.6	µg/m ³
m,p-Xylene	12/18/2007	12/18/2007	9.0	2.0	µg/m ³
o-xylene	12/18/2007	12/18/2007	2.7	2.2	µg/m ³
Tetrachloroethene	12/18/2007	12/18/2007	4600	340	µg/m ³
Toluene	12/18/2007	12/18/2007	2.5	1.9	µg/m ³
Trichloroethene	12/18/2007	12/18/2007	21	2.7	µg/m ³
Trichlorofluoromethane	12/18/2007	12/18/2007	330	250	µg/m ³



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Report prepared for: Peter Littman
Environmental Investigation Services

Date Received: 12/14/2007
Date Reported:

Client Sample ID: SG-21
Sample Location: 461 Mcgraw Ave, Livermore
Sample Matrix: AIR
Date/Time Sampled 12/14/2007 1:30:00 PM

Lab Sample ID: 0712087-001
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	12/18/2007	1.99	1	2.0	ND	µg/m ³	R14846
1,1,1,2-Tetrachloroethane	TO-15	12/18/2007	3.44	1	3.4	ND	µg/m ³	R14846
1,1,1-Trichloroethane	TO-15	12/18/2007	2.73	1	2.7	ND	µg/m ³	R14846
1,1,2,2-Tetrachloroethane	TO-15	12/18/2007	3.44	1	3.4	ND	µg/m ³	R14846
1,1,2-Trichloroethane	TO-15	12/18/2007	2.73	1	2.7	ND	µg/m ³	R14846
1,1-Dichloroethane	TO-15	12/18/2007	2.03	1	2.0	ND	µg/m ³	R14846
1,2,4-Trichlorobenzene	TO-15	12/18/2007	3.56	1	3.6	ND	µg/m ³	R14846
1,2,4-Trimethylbenzene	TO-15	12/18/2007	2.46	1	2.5	ND	µg/m ³	R14846
1,2-Dibromoethane(Ethylene dibromide)	TO-15	12/18/2007	3.84	1	3.8	ND	µg/m ³	R14846
1,2-Dichlorobenzene	TO-15	12/18/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,2-Dichloroethane	TO-15	12/18/2007	2.03	1	2.0	ND	µg/m ³	R14846
1,2-Dichloropropane	TO-15	12/18/2007	2.31	1	2.3	ND	µg/m ³	R14846
1,2-dichlorotetrafluoroethane(F114)	TO-15	12/18/2007	3.13	1	3.1	ND	µg/m ³	R14846
1,3,5-Trimethylbenzene	TO-15	12/18/2007	2.46	1	2.5	ND	µg/m ³	R14846
1,3-Butadiene	TO-15	12/18/2007	1.11	1	1.1	ND	µg/m ³	R14846
1,3-Dichlorobenzene	TO-15	12/18/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,4-Dichlorobenzene	TO-15	12/18/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,4-Dioxane	TO-15	12/18/2007	1.8	1	1.8	ND	µg/m ³	R14846
2-Butanone (MEK)	TO-15	12/18/2007	1.48	1	1.5	7.5	µg/m ³	R14846
2-Hexanone	TO-15	12/18/2007	2.05	1	2.0	ND	µg/m ³	R14846
4-Ethyl Toluene	TO-15	12/18/2007	2.46	1	2.5	ND	µg/m ³	R14846
4-Methyl-2-Pentanone (MIBK)	TO-15	12/18/2007	2.05	1	2.0	ND	µg/m ³	R14846
Acetone	TO-15	12/18/2007	9.52	1	9.5	180	µg/m ³	R14846
Benzene	TO-15	12/18/2007	1.6	1	1.6	ND	µg/m ³	R14846
Benzyl Chloride	TO-15	12/18/2007	2.88	1	2.9	ND	µg/m ³	R14846
Bromodichloromethane	TO-15	12/18/2007	3.35	1	3.4	ND	µg/m ³	R14846
Bromoform	TO-15	12/18/2007	5.17	1	5.2	ND	µg/m ³	R14846
Bromomethane	TO-15	12/18/2007	1.94	1	1.9	ND	µg/m ³	R14846
Carbon Disulfide	TO-15	12/18/2007	1.56	1	1.6	ND	µg/m ³	R14846
Carbon Tetrachloride	TO-15	12/18/2007	3.15	1	3.2	ND	µg/m ³	R14846
Chlorobenzene	TO-15	12/18/2007	2.3	1	2.3	ND	µg/m ³	R14846
Chloroethane	TO-15	12/18/2007	1.32	1	1.3	ND	µg/m ³	R14846
Chloroform	TO-15	12/18/2007	2.44	1	2.4	ND	µg/m ³	R14846
Chloromethane	TO-15	12/18/2007	1.04	1	1.0	ND	µg/m ³	R14846
cis-1,2-dichloroethene	TO-15	12/18/2007	1.98	1	2.0	ND	µg/m ³	R14846

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Client Sample ID: SG-21
Sample Location: 461 Mcgraw Ave,Livermore
Sample Matrix: AIR
Date/Time Sampled 12/14/2007 1:30:00 PM

Lab Sample ID: 0712087-001
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
cis-1,3-Dichloropropene	TO-15	12/18/2007	2.27	1	2.3	ND	µg/m ³	R14846
Dibromochloromethane	TO-15	12/18/2007	4.26	1	4.3	ND	µg/m ³	R14846
Dichlorodifluoromethane	TO-15	12/18/2007	2.48	1	2.5	ND	µg/m ³	R14846
Ethyl Acetate	TO-15	12/18/2007	1.8	1	1.8	ND	µg/m ³	R14846
Ethyl Benzene	TO-15	12/18/2007	1.67	1	1.7	ND	µg/m ³	R14846
Freon 113	TO-15	12/18/2007	3.83	1	3.8	ND	µg/m ³	R14846
Hexachlorobutadiene	TO-15	12/18/2007	5.34	1	5.3	ND	µg/m ³	R14846
Hexane	TO-15	12/18/2007	3.52	1	3.5	ND	µg/m ³	R14846
Isopropanol	TO-15	12/18/2007	16.4	1	16	35	µg/m ³	R14846
m,p-Xylene	TO-15	12/18/2007	2.05	1	2.0	7.3	µg/m ³	R14846
Methylene Chloride	TO-15	12/18/2007	3.61	1	3.6	ND	µg/m ³	R14846
MTBE	TO-15	12/18/2007	1.81	1	1.8	ND	µg/m ³	R14846
Naphthalene	TO-15	12/18/2007	2.62	1	2.6	ND	µg/m ³	R14846
o-xylene	TO-15	12/18/2007	2.17	1	2.2	ND	µg/m ³	R14846
Styrene	TO-15	12/18/2007	2.13	1	2.1	ND	µg/m ³	R14846
Tetrachloroethene	TO-15	12/19/2007	3.39	20	68	4100	µg/m ³	R14846
Tetrahydrofuran	TO-15	12/18/2007	1.48	1	1.5	ND	µg/m ³	R14846
Toluene	TO-15	12/18/2007	1.89	1	1.9	150	µg/m ³	R14846
trans-1,2-Dichloroethene	TO-15	12/18/2007	1.98	1	2.0	ND	µg/m ³	R14846
Trichloroethene	TO-15	12/18/2007	2.69	1	2.7	ND	µg/m ³	R14846
Trichlorofluoromethane	TO-15	12/18/2007	2.48	1	2.5	260	µg/m ³	R14846
Vinyl Acetate	TO-15	12/18/2007	1.76	1	1.8	ND	µg/m ³	R14846
Vinyl Chloride	TO-15	12/18/2007	1.28	1	1.3	ND	µg/m ³	R14846
Surr: 4-Bromofluorobenzene	TO-15	12/19/2007	0	20	65-135	99.9	%REC	R14846
Surr: 4-Bromofluorobenzene	TO-15	12/18/2007	0	1	65-135	93.2	%REC	R14846

Client Sample ID:	SG-11	Lab Sample ID:	0712087-002
Sample Location:	461 McGraw Ave, Livermore	Date Prepared:	
Sample Matrix:	AIR		
Date/Time Sampled	12/14/2007 11:30:00 AM		

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	12/18/2007	1.99	1	2.0	ND	µg/m ³	R14846
1,1,1,2-Tetrachloroethane	TO-15	12/18/2007	3.44	1	3.4	ND	µg/m ³	R14846
1,1,1-Trichloroethane	TO-15	12/18/2007	2.73	1	2.7	ND	µg/m ³	R14846
1,1,2,2-Tetrachloroethane	TO-15	12/18/2007	3.44	1	3.4	ND	µg/m ³	R14846
1,1,2-Trichloroethane	TO-15	12/18/2007	2.73	1	2.7	ND	µg/m ³	R14846
1,1-Dichloroethane	TO-15	12/18/2007	2.03	1	2.0	ND	µg/m ³	R14846
1,2,4-Trichlorobenzene	TO-15	12/18/2007	3.56	1	3.6	ND	µg/m ³	R14846
1,2,4-Trimethylbenzene	TO-15	12/18/2007	2.46	1	2.5	ND	µg/m ³	R14846
1,2-Dibromoethane(Ethylene dibromide)	TO-15	12/18/2007	3.84	1	3.8	ND	µg/m ³	R14846
1,2-Dichlorobenzene	TO-15	12/18/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,2-Dichloroethane	TO-15	12/18/2007	2.03	1	2.0	ND	µg/m ³	R14846
1,2-Dichloropropane	TO-15	12/18/2007	2.31	1	2.3	ND	µg/m ³	R14846
1,2-dichlorotetrafluoroethane(F114)	TO-15	12/18/2007	3.13	1	3.1	ND	µg/m ³	R14846
1,3,5-Trimethylbenzene	TO-15	12/18/2007	2.46	1	2.5	ND	µg/m ³	R14846
1,3-Butadiene	TO-15	12/18/2007	1.11	1	1.1	ND	µg/m ³	R14846
1,3-Dichlorobenzene	TO-15	12/18/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,4-Dichlorobenzene	TO-15	12/18/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,4-Dioxane	TO-15	12/18/2007	1.8	1	1.8	ND	µg/m ³	R14846
2-Butanone (MEK)	TO-15	12/18/2007	1.48	1	1.5	ND	µg/m ³	R14846
2-Hexanone	TO-15	12/18/2007	2.05	1	2.0	ND	µg/m ³	R14846
4-Ethyl Toluene	TO-15	12/18/2007	2.46	1	2.5	ND	µg/m ³	R14846
4-Methyl-2-Pentanone (MIBK)	TO-15	12/18/2007	2.05	1	2.0	ND	µg/m ³	R14846
Acetone	TO-15	12/18/2007	9.52	1	9.5	71	µg/m ³	R14846
Benzene	TO-15	12/18/2007	1.6	1	1.6	3.3	µg/m ³	R14846
Benzyl Chloride	TO-15	12/18/2007	2.88	1	2.9	ND	µg/m ³	R14846
Bromodichloromethane	TO-15	12/18/2007	3.35	1	3.4	ND	µg/m ³	R14846
Bromoform	TO-15	12/18/2007	5.17	1	5.2	ND	µg/m ³	R14846
Bromomethane	TO-15	12/18/2007	1.94	1	1.9	ND	µg/m ³	R14846
Carbon Disulfide	TO-15	12/18/2007	1.56	1	1.6	ND	µg/m ³	R14846
Carbon Tetrachloride	TO-15	12/18/2007	3.15	1	3.2	ND	µg/m ³	R14846
Chlorobenzene	TO-15	12/18/2007	2.3	1	2.3	ND	µg/m ³	R14846
Chloroethane	TO-15	12/18/2007	1.32	1	1.3	ND	µg/m ³	R14846
Chloroform	TO-15	12/18/2007	2.44	1	2.4	ND	µg/m ³	R14846
Chloromethane	TO-15	12/18/2007	1.04	1	1.0	ND	µg/m ³	R14846
cis-1,2-dichloroethene	TO-15	12/18/2007	1.98	1	2.0	ND	µg/m ³	R14846
cis-1,3-Dichloropropene	TO-15	12/18/2007	2.27	1	2.3	ND	µg/m ³	R14846
Dibromochloromethane	TO-15	12/18/2007	4.26	1	4.3	ND	µg/m ³	R14846
Dichlorodifluoromethane	TO-15	12/18/2007	2.48	1	2.5	ND	µg/m ³	R14846
Ethyl Acetate	TO-15	12/18/2007	1.8	1	1.8	ND	µg/m ³	R14846
Ethyl Benzene	TO-15	12/18/2007	1.67	1	1.7	ND	µg/m ³	R14846
Freon 113	TO-15	12/18/2007	3.83	1	3.8	ND	µg/m ³	R14846
Hexachlorobutadiene	TO-15	12/18/2007	5.34	1	5.3	ND	µg/m ³	R14846

Client Sample ID: SG-11
Sample Location: 461 Mcgraw Ave,Livermore
Sample Matrix: AIR
Date/Time Sampled 12/14/2007 11:30:00 AM

Lab Sample ID: 0712087-002
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Hexane	TO-15	12/18/2007	3.52	1	3.5	30	µg/m ³	R14846
Isopropanol	TO-15	12/19/2007	16.4	5	82	420	µg/m ³	R14846
m,p-Xylene	TO-15	12/18/2007	2.05	1	2.0	9.2	µg/m ³	R14846
Methylene Chloride	TO-15	12/18/2007	3.61	1	3.6	ND	µg/m ³	R14846
MTBE	TO-15	12/18/2007	1.81	1	1.8	ND	µg/m ³	R14846
Naphthalene	TO-15	12/18/2007	2.62	1	2.6	ND	µg/m ³	R14846
o-xylene	TO-15	12/18/2007	2.17	1	2.2	ND	µg/m ³	R14846
Styrene	TO-15	12/18/2007	2.13	1	2.1	ND	µg/m ³	R14846
Tetrachloroethene	TO-15	12/18/2007	3.39	1	3.4	ND	µg/m ³	R14846
Tetrahydrofuran	TO-15	12/18/2007	1.48	1	1.5	ND	µg/m ³	R14846
Toluene	TO-15	12/18/2007	1.89	1	1.9	16	µg/m ³	R14846
trans-1,2-Dichloroethene	TO-15	12/18/2007	1.98	1	2.0	ND	µg/m ³	R14846
Trichloroethene	TO-15	12/18/2007	2.69	1	2.7	ND	µg/m ³	R14846
Trichlorofluoromethane	TO-15	12/18/2007	2.48	1	2.5	ND	µg/m ³	R14846
Vinyl Acetate	TO-15	12/18/2007	1.76	1	1.8	ND	µg/m ³	R14846
Vinyl Chloride	TO-15	12/18/2007	1.28	1	1.3	ND	µg/m ³	R14846
Surr: 4-Bromofluorobenzene	TO-15	12/18/2007	0	1	65-135	95.0	%REC	R14846
Surr: 4-Bromofluorobenzene	TO-15	12/19/2007	0	5	65-135	99.0	%REC	R14846

Client Sample ID: SG-12
Sample Location: 461 McGraw Ave, Livermore
Sample Matrix: AIR
Date/Time Sampled 12/14/2007 11:40:00 AM

Lab Sample ID: 0712087-003
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	12/19/2007	1.99	1	2.0	ND	µg/m ³	R14846
1,1,1,2-Tetrachloroethane	TO-15	12/19/2007	3.44	1	3.4	ND	µg/m ³	R14846
1,1,1-Trichloroethane	TO-15	12/19/2007	2.73	1	2.7	ND	µg/m ³	R14846
1,1,2,2-Tetrachloroethane	TO-15	12/19/2007	3.44	1	3.4	ND	µg/m ³	R14846
1,1,2-Trichloroethane	TO-15	12/19/2007	2.73	1	2.7	ND	µg/m ³	R14846
1,1-Dichloroethane	TO-15	12/19/2007	2.03	1	2.0	ND	µg/m ³	R14846
1,2,4-Trichlorobenzene	TO-15	12/19/2007	3.56	1	3.6	ND	µg/m ³	R14846
1,2,4-Trimethylbenzene	TO-15	12/19/2007	2.46	1	2.5	ND	µg/m ³	R14846
1,2-Dibromoethane(Ethylene dibromide)	TO-15	12/19/2007	3.84	1	3.8	ND	µg/m ³	R14846
1,2-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,2-Dichloroethane	TO-15	12/19/2007	2.03	1	2.0	ND	µg/m ³	R14846
1,2-Dichloropropane	TO-15	12/19/2007	2.31	1	2.3	ND	µg/m ³	R14846
1,2-dichlorotetrafluoroethane(F114)	TO-15	12/19/2007	3.13	1	3.1	ND	µg/m ³	R14846
1,3,5-Trimethylbenzene	TO-15	12/19/2007	2.46	1	2.5	ND	µg/m ³	R14846
1,3-Butadiene	TO-15	12/19/2007	1.11	1	1.1	ND	µg/m ³	R14846
1,3-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,4-Dichlorobenzene	TO-15	12/19/2007	3.01	1	3.0	ND	µg/m ³	R14846
1,4-Dioxane	TO-15	12/19/2007	1.8	1	1.8	ND	µg/m ³	R14846
2-Butanone (MEK)	TO-15	12/19/2007	1.48	1	1.5	ND	µg/m ³	R14846
2-Hexanone	TO-15	12/19/2007	2.05	1	2.0	ND	µg/m ³	R14846
4-Ethyl Toluene	TO-15	12/19/2007	2.46	1	2.5	ND	µg/m ³	R14846
4-Methyl-2-Pentanone (MIBK)	TO-15	12/19/2007	2.05	1	2.0	ND	µg/m ³	R14846
Acetone	TO-15	12/19/2007	9.52	1	9.5	11	µg/m ³	R14846
Benzene	TO-15	12/19/2007	1.6	1	1.6	1.7	µg/m ³	R14846
Benzyl Chloride	TO-15	12/19/2007	2.88	1	2.9	ND	µg/m ³	R14846
Bromodichloromethane	TO-15	12/19/2007	3.35	1	3.4	ND	µg/m ³	R14846
Bromoform	TO-15	12/19/2007	5.17	1	5.2	ND	µg/m ³	R14846
Bromomethane	TO-15	12/19/2007	1.94	1	1.9	ND	µg/m ³	R14846
Carbon Disulfide	TO-15	12/19/2007	1.56	1	1.6	ND	µg/m ³	R14846
Carbon Tetrachloride	TO-15	12/19/2007	3.15	1	3.2	ND	µg/m ³	R14846
Chlorobenzene	TO-15	12/19/2007	2.3	1	2.3	ND	µg/m ³	R14846
Chloroethane	TO-15	12/19/2007	1.32	1	1.3	ND	µg/m ³	R14846
Chloroform	TO-15	12/19/2007	2.44	1	2.4	ND	µg/m ³	R14846
Chloromethane	TO-15	12/19/2007	1.04	1	1.0	ND	µg/m ³	R14846
cis-1,2-dichloroethene	TO-15	12/19/2007	1.98	1	2.0	ND	µg/m ³	R14846
cis-1,3-Dichloropropene	TO-15	12/19/2007	2.27	1	2.3	ND	µg/m ³	R14846
Dibromochloromethane	TO-15	12/19/2007	4.26	1	4.3	ND	µg/m ³	R14846
Dichlorodifluoromethane	TO-15	12/19/2007	2.48	1	2.5	ND	µg/m ³	R14846
Ethyl Acetate	TO-15	12/19/2007	1.8	1	1.8	ND	µg/m ³	R14846
Ethyl Benzene	TO-15	12/19/2007	1.67	1	1.7	ND	µg/m ³	R14846
Freon 113	TO-15	12/19/2007	3.83	1	3.8	ND	µg/m ³	R14846
Hexachlorobutadiene	TO-15	12/19/2007	5.34	1	5.3	ND	µg/m ³	R14846

Client Sample ID: SG-12
Sample Location: 461 Mcgraw Ave,Livermore
Sample Matrix: AIR
Date/Time Sampled 12/14/2007 11:40:00 AM

Lab Sample ID: 0712087-003
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Hexane	TO-15	12/19/2007	3.52	1	3.5	ND	µg/m ³	R14846
Isopropanol	TO-15	12/19/2007	16.4	1	16	ND	µg/m ³	R14846
m,p-Xylene	TO-15	12/19/2007	2.05	1	2.0	5.2	µg/m ³	R14846
Methylene Chloride	TO-15	12/19/2007	3.61	1	3.6	34	µg/m ³	R14846
MTBE	TO-15	12/19/2007	1.81	1	1.8	ND	µg/m ³	R14846
Naphthalene	TO-15	12/19/2007	2.62	1	2.6	ND	µg/m ³	R14846
o-xylene	TO-15	12/19/2007	2.17	1	2.2	ND	µg/m ³	R14846
Styrene	TO-15	12/19/2007	2.13	1	2.1	ND	µg/m ³	R14846
Tetrachloroethene	TO-15	12/19/2007	3.39	1	3.4	ND	µg/m ³	R14846
Tetrahydrofuran	TO-15	12/19/2007	1.48	1	1.5	ND	µg/m ³	R14846
Toluene	TO-15	12/19/2007	1.89	1	1.9	3.5	µg/m ³	R14846
trans-1,2-Dichloroethene	TO-15	12/19/2007	1.98	1	2.0	ND	µg/m ³	R14846
Trichloroethene	TO-15	12/19/2007	2.69	1	2.7	ND	µg/m ³	R14846
Trichlorofluoromethane	TO-15	12/19/2007	2.48	1	2.5	ND	µg/m ³	R14846
Vinyl Acetate	TO-15	12/19/2007	1.76	1	1.8	ND	µg/m ³	R14846
Vinyl Chloride	TO-15	12/19/2007	1.28	1	1.3	ND	µg/m ³	R14846
Surr: 4-Bromofluorobenzene	TO-15	12/19/2007	0	1	65-135	95.2	%REC	R14846

Client Sample ID: SG-13
Sample Location: 461 McGraw Ave, Livermore
Sample Matrix: AIR
Date/Time Sampled 12/14/2007 1:25:00 PM

Lab Sample ID: 0712087-004
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	12/18/2007	1.99	1	2.0	ND	µg/m ³	R14864
1,1,1,2-Tetrachloroethane	TO-15	12/18/2007	3.44	1	3.4	ND	µg/m ³	R14864
1,1,1-Trichloroethane	TO-15	12/18/2007	2.73	1	2.7	ND	µg/m ³	R14864
1,1,2,2-Tetrachloroethane	TO-15	12/18/2007	3.44	1	3.4	ND	µg/m ³	R14864
1,1,2-Trichloroethane	TO-15	12/18/2007	2.73	1	2.7	ND	µg/m ³	R14864
1,1-Dichloroethane	TO-15	12/18/2007	2.03	1	2.0	ND	µg/m ³	R14864
1,2,4-Trichlorobenzene	TO-15	12/18/2007	3.56	1	3.6	ND	µg/m ³	R14864
1,2,4-Trimethylbenzene	TO-15	12/18/2007	2.46	1	2.5	2.6	µg/m ³	R14864
1,2-Dibromoethane(Ethylene dibromide)	TO-15	12/18/2007	3.84	1	3.8	ND	µg/m ³	R14864
1,2-Dichlorobenzene	TO-15	12/18/2007	3.01	1	3.0	ND	µg/m ³	R14864
1,2-Dichloroethane	TO-15	12/18/2007	2.03	1	2.0	ND	µg/m ³	R14864
1,2-Dichloropropane	TO-15	12/18/2007	2.31	1	2.3	ND	µg/m ³	R14864
1,2-dichlorotetrafluoroethane(F114)	TO-15	12/18/2007	3.13	1	3.1	ND	µg/m ³	R14864
1,3,5-Trimethylbenzene	TO-15	12/18/2007	2.46	1	2.5	ND	µg/m ³	R14864
1,3-Butadiene	TO-15	12/18/2007	1.11	1	1.1	ND	µg/m ³	R14864
1,3-Dichlorobenzene	TO-15	12/18/2007	3.01	1	3.0	ND	µg/m ³	R14864
1,4-Dichlorobenzene	TO-15	12/18/2007	3.01	1	3.0	ND	µg/m ³	R14864
1,4-Dioxane	TO-15	12/18/2007	1.8	1	1.8	ND	µg/m ³	R14864
2-Butanone (MEK)	TO-15	12/18/2007	1.48	1	1.5	7.8	µg/m ³	R14864
2-Hexanone	TO-15	12/18/2007	2.05	1	2.0	ND	µg/m ³	R14864
4-Ethyl Toluene	TO-15	12/18/2007	2.46	1	2.5	ND	µg/m ³	R14864
4-Methyl-2-Pentanone (MIBK)	TO-15	12/18/2007	2.05	1	2.0	ND	µg/m ³	R14864
Acetone	TO-15	12/18/2007	9.52	1	9.5	28	µg/m ³	R14864
Benzene	TO-15	12/18/2007	1.6	1	1.6	9.3	µg/m ³	R14864
Benzyl Chloride	TO-15	12/18/2007	2.88	1	2.9	ND	µg/m ³	R14864
Bromodichloromethane	TO-15	12/18/2007	3.35	1	3.4	ND	µg/m ³	R14864
Bromoform	TO-15	12/18/2007	5.17	1	5.2	ND	µg/m ³	R14864
Bromomethane	TO-15	12/18/2007	1.94	1	1.9	ND	µg/m ³	R14864
Carbon Disulfide	TO-15	12/18/2007	1.56	1	1.6	ND	µg/m ³	R14864
Carbon Tetrachloride	TO-15	12/18/2007	3.15	1	3.2	ND	µg/m ³	R14864
Chlorobenzene	TO-15	12/18/2007	2.3	1	2.3	ND	µg/m ³	R14864
Chloroethane	TO-15	12/18/2007	1.32	1	1.3	ND	µg/m ³	R14864
Chloroform	TO-15	12/18/2007	2.44	1	2.4	ND	µg/m ³	R14864
Chloromethane	TO-15	12/18/2007	1.04	1	1.0	ND	µg/m ³	R14864
cis-1,2-dichloroethene	TO-15	12/18/2007	1.98	1	2.0	ND	µg/m ³	R14864
cis-1,3-Dichloropropene	TO-15	12/18/2007	2.27	1	2.3	ND	µg/m ³	R14864
Dibromochloromethane	TO-15	12/18/2007	4.26	1	4.3	ND	µg/m ³	R14864
Dichlorodifluoromethane	TO-15	12/18/2007	2.48	1	2.5	ND	µg/m ³	R14864
Ethyl Acetate	TO-15	12/18/2007	1.8	1	1.8	ND	µg/m ³	R14864
Ethyl Benzene	TO-15	12/18/2007	1.67	1	1.7	ND	µg/m ³	R14864
Freon 113	TO-15	12/18/2007	3.83	1	3.8	ND	µg/m ³	R14864
Hexachlorobutadiene	TO-15	12/18/2007	5.34	1	5.3	ND	µg/m ³	R14864

Client Sample ID: SG-13
Sample Location: 461 Mcgraw Ave,Livermore
Sample Matrix: AIR
Date/Time Sampled 12/14/2007 1:25:00 PM

Lab Sample ID: 0712087-004
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Hexane	TO-15	12/18/2007	3.52	1	3.5	ND	µg/m ³	R14864
Isopropanol	TO-15	12/18/2007	16.4	1	16	ND	µg/m ³	R14864
m,p-Xylene	TO-15	12/18/2007	2.05	1	2.0	5.7	µg/m ³	R14864
Methylene Chloride	TO-15	12/18/2007	3.61	1	3.6	ND	µg/m ³	R14864
MTBE	TO-15	12/18/2007	1.81	1	1.8	ND	µg/m ³	R14864
Naphthalene	TO-15	12/18/2007	2.62	1	2.6	ND	µg/m ³	R14864
o-xylene	TO-15	12/18/2007	2.17	1	2.2	ND	µg/m ³	R14864
Styrene	TO-15	12/18/2007	2.13	1	2.1	ND	µg/m ³	R14864
Tetrachloroethene	TO-15	12/18/2007	3.39	50	170	4300	µg/m ³	R14846
Tetrahydrofuran	TO-15	12/18/2007	1.48	1	1.5	ND	µg/m ³	R14864
Toluene	TO-15	12/18/2007	1.89	1	1.9	7.0	µg/m ³	R14864
trans-1,2-Dichloroethene	TO-15	12/18/2007	1.98	1	2.0	ND	µg/m ³	R14864
Trichloroethene	TO-15	12/18/2007	2.69	1	2.7	ND	µg/m ³	R14864
Trichlorofluoromethane	TO-15	12/18/2007	2.48	50	120	1100	µg/m ³	R14846
Vinyl Acetate	TO-15	12/18/2007	1.76	1	1.8	ND	µg/m ³	R14864
Vinyl Chloride	TO-15	12/18/2007	1.28	1	1.3	ND	µg/m ³	R14864
Surr: 4-Bromofluorobenzene	TO-15	12/18/2007	0	50	65-135	97.3	%REC	R14846
Surr: 4-Bromofluorobenzene	TO-15	12/18/2007	0	1	50-150	94.3	%REC	R14864

Client Sample ID: SG-20
Sample Location: 461 McGraw Ave, Livermore
Sample Matrix: AIR
Date/Time Sampled: 12/14/2007 2:55:00 PM

Lab Sample ID: 0712087-005
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	12/18/2007	1.99	1	2.0	ND	µg/m ³	R14864
1,1,1,2-Tetrachloroethane	TO-15	12/18/2007	3.44	1	3.4	ND	µg/m ³	R14864
1,1,1-Trichloroethane	TO-15	12/18/2007	2.73	1	2.7	ND	µg/m ³	R14864
1,1,2,2-Tetrachloroethane	TO-15	12/18/2007	3.44	1	3.4	ND	µg/m ³	R14864
1,1,2-Trichloroethane	TO-15	12/18/2007	2.73	1	2.7	ND	µg/m ³	R14864
1,1-Dichloroethane	TO-15	12/18/2007	2.03	1	2.0	ND	µg/m ³	R14864
1,2,4-Trichlorobenzene	TO-15	12/18/2007	3.56	1	3.6	ND	µg/m ³	R14864
1,2,4-Trimethylbenzene	TO-15	12/18/2007	2.46	1	2.5	ND	µg/m ³	R14864
1,2-Dibromoethane(Ethylene dibromide)	TO-15	12/18/2007	3.84	1	3.8	ND	µg/m ³	R14864
1,2-Dichlorobenzene	TO-15	12/18/2007	3.01	1	3.0	ND	µg/m ³	R14864
1,2-Dichloroethane	TO-15	12/18/2007	2.03	1	2.0	ND	µg/m ³	R14864
1,2-Dichloropropane	TO-15	12/18/2007	2.31	1	2.3	ND	µg/m ³	R14864
1,2-dichlorotetrafluoroethane(F114)	TO-15	12/18/2007	3.13	1	3.1	ND	µg/m ³	R14864
1,3,5-Trimethylbenzene	TO-15	12/18/2007	2.46	1	2.5	ND	µg/m ³	R14864
1,3-Butadiene	TO-15	12/18/2007	1.11	1	1.1	ND	µg/m ³	R14864
1,3-Dichlorobenzene	TO-15	12/18/2007	3.01	1	3.0	ND	µg/m ³	R14864
1,4-Dichlorobenzene	TO-15	12/18/2007	3.01	1	3.0	ND	µg/m ³	R14864
1,4-Dioxane	TO-15	12/18/2007	1.8	1	1.8	ND	µg/m ³	R14864
2-Butanone (MEK)	TO-15	12/18/2007	1.48	1	1.5	ND	µg/m ³	R14864
2-Hexanone	TO-15	12/18/2007	2.05	1	2.0	ND	µg/m ³	R14864
4-Ethyl Toluene	TO-15	12/18/2007	2.46	1	2.5	ND	µg/m ³	R14864
4-Methyl-2-Pentanone (MIBK)	TO-15	12/18/2007	2.05	1	2.0	ND	µg/m ³	R14864
Acetone	TO-15	12/18/2007	9.52	1	9.5	32	µg/m ³	R14864
Benzene	TO-15	12/18/2007	1.6	1	1.6	2.3	µg/m ³	R14864
Benzyl Chloride	TO-15	12/18/2007	2.88	1	2.9	ND	µg/m ³	R14864
Bromodichloromethane	TO-15	12/18/2007	3.35	1	3.4	ND	µg/m ³	R14864
Bromoform	TO-15	12/18/2007	5.17	1	5.2	ND	µg/m ³	R14864
Bromomethane	TO-15	12/18/2007	1.94	1	1.9	ND	µg/m ³	R14864
Carbon Disulfide	TO-15	12/18/2007	1.56	1	1.6	ND	µg/m ³	R14864
Carbon Tetrachloride	TO-15	12/18/2007	3.15	1	3.2	ND	µg/m ³	R14864
Chlorobenzene	TO-15	12/18/2007	2.3	1	2.3	ND	µg/m ³	R14864
Chloroethane	TO-15	12/18/2007	1.32	1	1.3	ND	µg/m ³	R14864
Chloroform	TO-15	12/18/2007	2.44	1	2.4	ND	µg/m ³	R14864
Chloromethane	TO-15	12/18/2007	1.04	1	1.0	ND	µg/m ³	R14864
cis-1,2-dichloroethene	TO-15	12/18/2007	1.98	1	2.0	ND	µg/m ³	R14864
cis-1,3-Dichloropropene	TO-15	12/18/2007	2.27	1	2.3	ND	µg/m ³	R14864
Dibromochloromethane	TO-15	12/18/2007	4.26	1	4.3	ND	µg/m ³	R14864
Dichlorodifluoromethane	TO-15	12/18/2007	2.48	1	2.5	ND	µg/m ³	R14864
Ethyl Acetate	TO-15	12/18/2007	1.8	1	1.8	ND	µg/m ³	R14864
Ethyl Benzene	TO-15	12/18/2007	1.67	1	1.7	ND	µg/m ³	R14864
Freon 113	TO-15	12/18/2007	3.83	1	3.8	ND	µg/m ³	R14864
Hexachlorobutadiene	TO-15	12/18/2007	5.34	1	5.3	ND	µg/m ³	R14864

Client Sample ID: SG-20
Sample Location: 461 Mcgraw Ave,Livermore
Sample Matrix: AIR
Date/Time Sampled 12/14/2007 2:55:00 PM

Lab Sample ID: 0712087-005
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Hexane	TO-15	12/18/2007	3.52	1	3.5	ND	µg/m ³	R14864
Isopropanol	TO-15	12/18/2007	16.4	1	16	ND	µg/m ³	R14864
m,p-Xylene	TO-15	12/18/2007	2.05	1	2.0	4.7	µg/m ³	R14864
Methylene Chloride	TO-15	12/18/2007	3.61	1	3.6	ND	µg/m ³	R14864
MTBE	TO-15	12/18/2007	1.81	1	1.8	ND	µg/m ³	R14864
Naphthalene	TO-15	12/18/2007	2.62	1	2.6	ND	µg/m ³	R14864
o-xylene	TO-15	12/18/2007	2.17	1	2.2	ND	µg/m ³	R14864
Styrene	TO-15	12/18/2007	2.13	1	2.1	ND	µg/m ³	R14864
Tetrachloroethene	TO-15	12/18/2007	3.39	1	3.4	190	µg/m ³	R14864
Tetrahydrofuran	TO-15	12/18/2007	1.48	1	1.5	ND	µg/m ³	R14864
Toluene	TO-15	12/18/2007	1.89	1	1.9	3.3	µg/m ³	R14864
trans-1,2-Dichloroethene	TO-15	12/18/2007	1.98	1	2.0	ND	µg/m ³	R14864
Trichloroethene	TO-15	12/18/2007	2.69	1	2.7	ND	µg/m ³	R14864
Trichlorofluoromethane	TO-15	12/18/2007	2.48	1	2.5	84	µg/m ³	R14864
Vinyl Acetate	TO-15	12/18/2007	1.76	1	1.8	ND	µg/m ³	R14864
Vinyl Chloride	TO-15	12/18/2007	1.28	1	1.3	ND	µg/m ³	R14864
Surr: 4-Bromofluorobenzene	TO-15	12/18/2007	0	1	50-150	93.1	%REC	R14864

Client Sample ID: SG-15
Sample Location: 461 McGraw Ave, Livermore
Sample Matrix: AIR
Date/Time Sampled 12/14/2007 2:33:00 PM

Lab Sample ID: 0712087-006
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	12/18/2007	1.99	1	2.0	ND	µg/m ³	R14864
1,1,1,2-Tetrachloroethane	TO-15	12/18/2007	3.44	1	3.4	ND	µg/m ³	R14864
1,1,1-Trichloroethane	TO-15	12/18/2007	2.73	1	2.7	ND	µg/m ³	R14864
1,1,2,2-Tetrachloroethane	TO-15	12/18/2007	3.44	1	3.4	ND	µg/m ³	R14864
1,1,2-Trichloroethane	TO-15	12/18/2007	2.73	1	2.7	ND	µg/m ³	R14864
1,1-Dichloroethane	TO-15	12/18/2007	2.03	1	2.0	ND	µg/m ³	R14864
1,2,4-Trichlorobenzene	TO-15	12/18/2007	3.56	1	3.6	ND	µg/m ³	R14864
1,2,4-Trimethylbenzene	TO-15	12/18/2007	2.46	1	2.5	ND	µg/m ³	R14864
1,2-Dibromoethane(Ethylene dibromide)	TO-15	12/18/2007	3.84	1	3.8	ND	µg/m ³	R14864
1,2-Dichlorobenzene	TO-15	12/18/2007	3.01	1	3.0	ND	µg/m ³	R14864
1,2-Dichloroethane	TO-15	12/18/2007	2.03	1	2.0	ND	µg/m ³	R14864
1,2-Dichloropropane	TO-15	12/18/2007	2.31	1	2.3	ND	µg/m ³	R14864
1,2-dichlorotetrafluoroethane(F114)	TO-15	12/18/2007	3.13	1	3.1	ND	µg/m ³	R14864
1,3,5-Trimethylbenzene	TO-15	12/18/2007	2.46	1	2.5	ND	µg/m ³	R14864
1,3-Butadiene	TO-15	12/18/2007	1.11	1	1.1	ND	µg/m ³	R14864
1,3-Dichlorobenzene	TO-15	12/18/2007	3.01	1	3.0	ND	µg/m ³	R14864
1,4-Dichlorobenzene	TO-15	12/18/2007	3.01	1	3.0	ND	µg/m ³	R14864
1,4-Dioxane	TO-15	12/18/2007	1.8	1	1.8	ND	µg/m ³	R14864
2-Butanone (MEK)	TO-15	12/18/2007	1.48	1	1.5	10	µg/m ³	R14864
2-Hexanone	TO-15	12/18/2007	2.05	1	2.0	ND	µg/m ³	R14864
4-Ethyl Toluene	TO-15	12/18/2007	2.46	1	2.5	ND	µg/m ³	R14864
4-Methyl-2-Pentanone (MIBK)	TO-15	12/18/2007	2.05	1	2.0	ND	µg/m ³	R14864
Acetone	TO-15	12/18/2007	9.52	1	9.5	56	µg/m ³	R14864
Benzene	TO-15	12/18/2007	1.6	1	1.6	4.1	µg/m ³	R14864
Benzyl Chloride	TO-15	12/18/2007	2.88	1	2.9	ND	µg/m ³	R14864
Bromodichloromethane	TO-15	12/18/2007	3.35	1	3.4	ND	µg/m ³	R14864
Bromoform	TO-15	12/18/2007	5.17	1	5.2	ND	µg/m ³	R14864
Bromomethane	TO-15	12/18/2007	1.94	1	1.9	ND	µg/m ³	R14864
Carbon Disulfide	TO-15	12/18/2007	1.56	1	1.6	4.2	µg/m ³	R14864
Carbon Tetrachloride	TO-15	12/18/2007	3.15	1	3.2	ND	µg/m ³	R14864
Chlorobenzene	TO-15	12/18/2007	2.3	1	2.3	ND	µg/m ³	R14864
Chloroethane	TO-15	12/18/2007	1.32	1	1.3	ND	µg/m ³	R14864
Chloroform	TO-15	12/18/2007	2.44	1	2.4	ND	µg/m ³	R14864
Chloromethane	TO-15	12/18/2007	1.04	1	1.0	ND	µg/m ³	R14864
cis-1,2-dichloroethene	TO-15	12/18/2007	1.98	1	2.0	ND	µg/m ³	R14864
cis-1,3-Dichloropropene	TO-15	12/18/2007	2.27	1	2.3	ND	µg/m ³	R14864
Dibromochloromethane	TO-15	12/18/2007	4.26	1	4.3	ND	µg/m ³	R14864
Dichlorodifluoromethane	TO-15	12/18/2007	2.48	1	2.5	ND	µg/m ³	R14864
Ethyl Acetate	TO-15	12/18/2007	1.8	1	1.8	ND	µg/m ³	R14864
Ethyl Benzene	TO-15	12/18/2007	1.67	1	1.7	ND	µg/m ³	R14864
Freon 113	TO-15	12/18/2007	3.83	1	3.8	ND	µg/m ³	R14864
Hexachlorobutadiene	TO-15	12/18/2007	5.34	1	5.3	ND	µg/m ³	R14864

Client Sample ID: SG-15
Sample Location: 461 Mcgraw Ave,Livermore
Sample Matrix: AIR
Date/Time Sampled 12/14/2007 2:33:00 PM

Lab Sample ID: 0712087-006
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Hexane	TO-15	12/18/2007	3.52	1	3.5	ND	µg/m ³	R14864
Isopropanol	TO-15	12/18/2007	16.4	1	16	ND	µg/m ³	R14864
m,p-Xylene	TO-15	12/18/2007	2.05	1	2.0	7.2	µg/m ³	R14864
Methylene Chloride	TO-15	12/18/2007	3.61	1	3.6	ND	µg/m ³	R14864
MTBE	TO-15	12/18/2007	1.81	1	1.8	ND	µg/m ³	R14864
Naphthalene	TO-15	12/18/2007	2.62	1	2.6	ND	µg/m ³	R14864
o-xylene	TO-15	12/18/2007	2.17	1	2.2	ND	µg/m ³	R14864
Styrene	TO-15	12/18/2007	2.13	1	2.1	ND	µg/m ³	R14864
Tetrachloroethene	TO-15	12/18/2007	3.39	1	3.4	59	µg/m ³	R14864
Tetrahydrofuran	TO-15	12/18/2007	1.48	1	1.5	ND	µg/m ³	R14864
Toluene	TO-15	12/18/2007	1.89	1	1.9	8.0	µg/m ³	R14864
trans-1,2-Dichloroethene	TO-15	12/18/2007	1.98	1	2.0	ND	µg/m ³	R14864
Trichloroethene	TO-15	12/18/2007	2.69	1	2.7	ND	µg/m ³	R14864
Trichlorofluoromethane	TO-15	12/18/2007	2.48	10	25	290	µg/m ³	R14846
Vinyl Acetate	TO-15	12/18/2007	1.76	1	1.8	ND	µg/m ³	R14864
Vinyl Chloride	TO-15	12/18/2007	1.28	1	1.3	ND	µg/m ³	R14864
Surr: 4-Bromofluorobenzene	TO-15	12/18/2007	0	10	65-135	94.8	%REC	R14846
Surr: 4-Bromofluorobenzene	TO-15	12/18/2007	0	1	50-150	96.1	%REC	R14864

Client Sample ID: SG-18	Lab Sample ID: 0712087-007
Sample Location: 461 McGraw Ave, Livermore	Date Prepared:
Sample Matrix: AIR	
Date/Time Sampled: 12/14/2007 2:36:00 PM	

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	12/18/2007	1.99	1	2.0	ND	µg/m ³	R14864
1,1,1,2-Tetrachloroethane	TO-15	12/18/2007	3.44	1	3.4	ND	µg/m ³	R14864
1,1,1-Trichloroethane	TO-15	12/18/2007	2.73	1	2.7	ND	µg/m ³	R14864
1,1,2,2-Tetrachloroethane	TO-15	12/18/2007	3.44	1	3.4	ND	µg/m ³	R14864
1,1,2-Trichloroethane	TO-15	12/18/2007	2.73	1	2.7	ND	µg/m ³	R14864
1,1-Dichloroethane	TO-15	12/18/2007	2.03	1	2.0	ND	µg/m ³	R14864
1,2,4-Trichlorobenzene	TO-15	12/18/2007	3.56	1	3.6	ND	µg/m ³	R14864
1,2,4-Trimethylbenzene	TO-15	12/18/2007	2.46	1	2.5	ND	µg/m ³	R14864
1,2-Dibromoethane(Ethylene dibromide)	TO-15	12/18/2007	3.84	1	3.8	ND	µg/m ³	R14864
1,2-Dichlorobenzene	TO-15	12/18/2007	3.01	1	3.0	ND	µg/m ³	R14864
1,2-Dichloroethane	TO-15	12/18/2007	2.03	1	2.0	ND	µg/m ³	R14864
1,2-Dichloropropane	TO-15	12/18/2007	2.31	1	2.3	ND	µg/m ³	R14864
1,2-dichlorotetrafluoroethane(F114)	TO-15	12/18/2007	3.13	1	3.1	ND	µg/m ³	R14864
1,3,5-Trimethylbenzene	TO-15	12/18/2007	2.46	1	2.5	ND	µg/m ³	R14864
1,3-Butadiene	TO-15	12/18/2007	1.11	1	1.1	ND	µg/m ³	R14864
1,3-Dichlorobenzene	TO-15	12/18/2007	3.01	1	3.0	ND	µg/m ³	R14864
1,4-Dichlorobenzene	TO-15	12/18/2007	3.01	1	3.0	ND	µg/m ³	R14864
1,4-Dioxane	TO-15	12/18/2007	1.8	1	1.8	ND	µg/m ³	R14864
2-Butanone (MEK)	TO-15	12/18/2007	1.48	1	1.5	ND	µg/m ³	R14864
2-Hexanone	TO-15	12/18/2007	2.05	1	2.0	ND	µg/m ³	R14864
4-Ethyl Toluene	TO-15	12/18/2007	2.46	1	2.5	ND	µg/m ³	R14864
4-Methyl-2-Pentanone (MIBK)	TO-15	12/18/2007	2.05	1	2.0	ND	µg/m ³	R14864
Acetone	TO-15	12/18/2007	9.52	1	9.5	55	µg/m ³	R14864
Benzene	TO-15	12/18/2007	1.6	1	1.6	3.1	µg/m ³	R14864
Benzyl Chloride	TO-15	12/18/2007	2.88	1	2.9	ND	µg/m ³	R14864
Bromodichloromethane	TO-15	12/18/2007	3.35	1	3.4	ND	µg/m ³	R14864
Bromoform	TO-15	12/18/2007	5.17	1	5.2	ND	µg/m ³	R14864
Bromomethane	TO-15	12/18/2007	1.94	1	1.9	ND	µg/m ³	R14864
Carbon Disulfide	TO-15	12/18/2007	1.56	1	1.6	ND	µg/m ³	R14864
Carbon Tetrachloride	TO-15	12/18/2007	3.15	1	3.2	ND	µg/m ³	R14864
Chlorobenzene	TO-15	12/18/2007	2.3	1	2.3	ND	µg/m ³	R14864
Chloroethane	TO-15	12/18/2007	1.32	1	1.3	ND	µg/m ³	R14864
Chloroform	TO-15	12/18/2007	2.44	1	2.4	ND	µg/m ³	R14864
Chloromethane	TO-15	12/18/2007	1.04	1	1.0	ND	µg/m ³	R14864
cis-1,2-dichloroethene	TO-15	12/18/2007	1.98	1	2.0	ND	µg/m ³	R14864
cis-1,3-Dichloropropene	TO-15	12/18/2007	2.27	1	2.3	ND	µg/m ³	R14864
Dibromochloromethane	TO-15	12/18/2007	4.26	1	4.3	ND	µg/m ³	R14864
Dichlorodifluoromethane	TO-15	12/18/2007	2.48	1	2.5	ND	µg/m ³	R14864
Ethyl Acetate	TO-15	12/18/2007	1.8	1	1.8	ND	µg/m ³	R14864
Ethyl Benzene	TO-15	12/18/2007	1.67	1	1.7	ND	µg/m ³	R14864
Freon 113	TO-15	12/18/2007	3.83	1	3.8	ND	µg/m ³	R14864
Hexachlorobutadiene	TO-15	12/18/2007	5.34	1	5.3	ND	µg/m ³	R14864

Client Sample ID: SG-18
Sample Location: 461 Mcgraw Ave,Livermore
Sample Matrix: AIR
Date/Time Sampled 12/14/2007 2:36:00 PM

Lab Sample ID: 0712087-007
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Hexane	TO-15	12/18/2007	3.52	1	3.5	ND	µg/m ³	R14864
Isopropanol	TO-15	12/18/2007	16.4	1	16	ND	µg/m ³	R14864
m,p-Xylene	TO-15	12/18/2007	2.05	1	2.0	7.1	µg/m ³	R14864
Methylene Chloride	TO-15	12/18/2007	3.61	1	3.6	ND	µg/m ³	R14864
MTBE	TO-15	12/18/2007	1.81	1	1.8	ND	µg/m ³	R14864
Naphthalene	TO-15	12/18/2007	2.62	1	2.6	ND	µg/m ³	R14864
o-xylene	TO-15	12/18/2007	2.17	1	2.2	ND	µg/m ³	R14864
Styrene	TO-15	12/18/2007	2.13	1	2.1	ND	µg/m ³	R14864
Tetrachloroethene	TO-15	12/18/2007	3.39	1	3.4	16	µg/m ³	R14864
Tetrahydrofuran	TO-15	12/18/2007	1.48	1	1.5	ND	µg/m ³	R14864
Toluene	TO-15	12/18/2007	1.89	1	1.9	8.4	µg/m ³	R14864
trans-1,2-Dichloroethene	TO-15	12/18/2007	1.98	1	2.0	ND	µg/m ³	R14864
Trichloroethene	TO-15	12/18/2007	2.69	1	2.7	ND	µg/m ³	R14864
Trichlorofluoromethane	TO-15	12/18/2007	2.48	10	25	76	µg/m ³	R14846
Vinyl Acetate	TO-15	12/18/2007	1.76	1	1.8	ND	µg/m ³	R14864
Vinyl Chloride	TO-15	12/18/2007	1.28	1	1.3	ND	µg/m ³	R14864
Surr: 4-Bromofluorobenzene	TO-15	12/18/2007	0	10	65-135	96.5	%REC	R14846
Surr: 4-Bromofluorobenzene	TO-15	12/18/2007	0	1	50-150	95.7	%REC	R14864

Client Sample ID: SG-10	Lab Sample ID: 0712087-008
Sample Location: 461 McGraw Ave, Livermore	Date Prepared:
Sample Matrix: AIR	
Date/Time Sampled 12/14/2007 12:40:00 PM	

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	12/18/2007	1.99	1	2.0	ND	µg/m ³	R14864
1,1,1,2-Tetrachloroethane	TO-15	12/18/2007	3.44	1	3.4	ND	µg/m ³	R14864
1,1,1-Trichloroethane	TO-15	12/18/2007	2.73	1	2.7	ND	µg/m ³	R14864
1,1,2,2-Tetrachloroethane	TO-15	12/18/2007	3.44	1	3.4	ND	µg/m ³	R14864
1,1,2-Trichloroethane	TO-15	12/18/2007	2.73	1	2.7	ND	µg/m ³	R14864
1,1-Dichloroethane	TO-15	12/18/2007	2.03	1	2.0	ND	µg/m ³	R14864
1,2,4-Trichlorobenzene	TO-15	12/18/2007	3.56	1	3.6	ND	µg/m ³	R14864
1,2,4-Trimethylbenzene	TO-15	12/18/2007	2.46	1	2.5	4.0	µg/m ³	R14864
1,2-Dibromoethane(Ethylene dibromide)	TO-15	12/18/2007	3.84	1	3.8	ND	µg/m ³	R14864
1,2-Dichlorobenzene	TO-15	12/18/2007	3.01	1	3.0	ND	µg/m ³	R14864
1,2-Dichloroethane	TO-15	12/18/2007	2.03	1	2.0	ND	µg/m ³	R14864
1,2-Dichloropropane	TO-15	12/18/2007	2.31	1	2.3	ND	µg/m ³	R14864
1,2-dichlorotetrafluoroethane(F114)	TO-15	12/18/2007	3.13	1	3.1	ND	µg/m ³	R14864
1,3,5-Trimethylbenzene	TO-15	12/18/2007	2.46	1	2.5	ND	µg/m ³	R14864
1,3-Butadiene	TO-15	12/18/2007	1.11	1	1.1	ND	µg/m ³	R14864
1,3-Dichlorobenzene	TO-15	12/18/2007	3.01	1	3.0	ND	µg/m ³	R14864
1,4-Dichlorobenzene	TO-15	12/18/2007	3.01	1	3.0	ND	µg/m ³	R14864
1,4-Dioxane	TO-15	12/18/2007	1.8	1	1.8	ND	µg/m ³	R14864
2-Butanone (MEK)	TO-15	12/18/2007	1.48	1	1.5	7.5	µg/m ³	R14864
2-Hexanone	TO-15	12/18/2007	2.05	1	2.0	ND	µg/m ³	R14864
4-Ethyl Toluene	TO-15	12/18/2007	2.46	1	2.5	ND	µg/m ³	R14864
4-Methyl-2-Pentanone (MIBK)	TO-15	12/18/2007	2.05	1	2.0	ND	µg/m ³	R14864
Acetone	TO-15	12/18/2007	9.52	1	9.5	23	µg/m ³	R14864
Benzene	TO-15	12/18/2007	1.6	1	1.6	3.5	µg/m ³	R14864
Benzyl Chloride	TO-15	12/18/2007	2.88	1	2.9	ND	µg/m ³	R14864
Bromodichloromethane	TO-15	12/18/2007	3.35	1	3.4	ND	µg/m ³	R14864
Bromoform	TO-15	12/18/2007	5.17	1	5.2	ND	µg/m ³	R14864
Bromomethane	TO-15	12/18/2007	1.94	1	1.9	ND	µg/m ³	R14864
Carbon Disulfide	TO-15	12/18/2007	1.56	1	1.6	ND	µg/m ³	R14864
Carbon Tetrachloride	TO-15	12/18/2007	3.15	1	3.2	ND	µg/m ³	R14864
Chlorobenzene	TO-15	12/18/2007	2.3	1	2.3	ND	µg/m ³	R14864
Chloroethane	TO-15	12/18/2007	1.32	1	1.3	ND	µg/m ³	R14864
Chloroform	TO-15	12/18/2007	2.44	1	2.4	ND	µg/m ³	R14864
Chloromethane	TO-15	12/18/2007	1.04	1	1.0	ND	µg/m ³	R14864
cis-1,2-dichloroethene	TO-15	12/18/2007	1.98	1	2.0	ND	µg/m ³	R14864
cis-1,3-Dichloropropene	TO-15	12/18/2007	2.27	1	2.3	ND	µg/m ³	R14864
Dibromochloromethane	TO-15	12/18/2007	4.26	1	4.3	ND	µg/m ³	R14864
Dichlorodifluoromethane	TO-15	12/18/2007	2.48	1	2.5	ND	µg/m ³	R14864
Ethyl Acetate	TO-15	12/18/2007	1.8	1	1.8	ND	µg/m ³	R14864
Ethyl Benzene	TO-15	12/18/2007	1.67	1	1.7	ND	µg/m ³	R14864
Freon 113	TO-15	12/18/2007	3.83	1	3.8	ND	µg/m ³	R14864
Hexachlorobutadiene	TO-15	12/18/2007	5.34	1	5.3	ND	µg/m ³	R14864

Client Sample ID: SG-10
Sample Location: 461 McGraw Ave, Livermore
Sample Matrix: AIR
Date/Time Sampled 12/14/2007 12:40:00 PM

Lab Sample ID: 0712087-008
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Hexane	TO-15	12/18/2007	3.52	1	3.5	ND	µg/m ³	R14864
Isopropanol	TO-15	12/18/2007	16.4	1	16	ND	µg/m ³	R14864
m,p-Xylene	TO-15	12/18/2007	2.05	1	2.0	9.0	µg/m ³	R14864
Methylene Chloride	TO-15	12/18/2007	3.61	1	3.6	ND	µg/m ³	R14864
MTBE	TO-15	12/18/2007	1.81	1	1.8	ND	µg/m ³	R14864
Naphthalene	TO-15	12/18/2007	2.62	1	2.6	ND	µg/m ³	R14864
o-xylene	TO-15	12/18/2007	2.17	1	2.2	2.7	µg/m ³	R14864
Styrene	TO-15	12/18/2007	2.13	1	2.1	ND	µg/m ³	R14864
Tetrachloroethene	TO-15	12/18/2007	3.39	100	340	4600	µg/m ³	R14846
Tetrahydrofuran	TO-15	12/18/2007	1.48	1	1.5	ND	µg/m ³	R14864
Toluene	TO-15	12/18/2007	1.89	1	1.9	2.5	µg/m ³	R14864
trans-1,2-Dichloroethene	TO-15	12/18/2007	1.98	1	2.0	ND	µg/m ³	R14864
Trichloroethene	TO-15	12/18/2007	2.69	1	2.7	21	µg/m ³	R14864
Trichlorofluoromethane	TO-15	12/18/2007	2.48	100	250	330	µg/m ³	R14846
Vinyl Acetate	TO-15	12/18/2007	1.76	1	1.8	ND	µg/m ³	R14864
Vinyl Chloride	TO-15	12/18/2007	1.28	1	1.3	ND	µg/m ³	R14864
Surr: 4-Bromofluorobenzene	TO-15	12/18/2007	0	100	65-135	93.8	%REC	R14846
Surr: 4-Bromofluorobenzene	TO-15	12/18/2007	0	1	50-150	94.7	%REC	R14864

Definitions, legends and Notes

Note	Description
ug/kg	Microgram per kilogram (ppb, part per billion).
ug/L	Microgram per liter (ppb, part per billion).
mg/kg	Milligram per kilogram (ppm, part per million).
mg/L	Milligram per liter (ppm, part per million).
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate.
MDL	Method detection limit.
MRL	Modified reporting limit. When sample is subject to dilution, reporting limit times dilution factor yields MRL.
MS/MSD	Matrix spike/matrix spike duplicate.
N/A	Not applicable.
ND	Not detected at or above detection limit.
NR	Not reported.
QC	Quality Control.
RL	Reporting limit.
% RPD	Percent relative difference.
a	pH was measured immediately upon the receipt of the sample, but it was still done outside the holding time.
sub	Analyzed by subcontracting laboratory, Lab Certificate #

CLIENT: Environmental Investigation Services
Work Order: 0712087
Project: 717-3F

ANALYTICAL QC SUMMARY REPORT

BatchID: R14846

Sample ID: MB	SampType: MBLK	TestCode: TO-15	Units: ppbv	Prep Date: 12/19/2007	RunNo: 14846						
Client ID: ZZZZZ	Batch ID: R14846	TestNo: TO-15		Analysis Date: 12/19/2007	SeqNo: 214422						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1 - Dichloroethene	ND	0.50									
1,1,1,2-Tetrachloroethane	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,1,2,2-Tetrachloroethane	ND	0.50									
1,1,2-Trichloroethane	ND	0.50									
1,1-Dichloroethane	ND	0.50									
1,2,4-Trichlorobenzene	ND	0.50									
1,2,4-Trimethylbenzene	ND	0.50									
1,2-Dibromoethane(Ethylene dibromide)	ND	0.50									
1,2-Dichlorobenzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									
1,2-dichlorotetrafluoroethane(F114)	ND	0.50									
1,3,5-Trimethylbenzene	ND	0.50									
1,3-Butadiene	ND	0.50									
1,3-Dichlorobenzene	ND	0.50									
1,4-Dichlorobenzene	ND	0.50									
1,4-Dioxane	ND	0.50									
2-Butanone (MEK)	ND	0.50									
2-Hexanone	ND	0.50									
4-Ethyl Toluene	ND	0.50									
4-Methyl-2-Pentanone (MIBK)	ND	0.50									
Acetone	ND	4.0									
Benzene	ND	0.50									
Benzyl Chloride	ND	0.50									
Bromodichloromethane	ND	0.50									
Bromoform	ND	0.50									
Bromomethane	ND	0.50									
Carbon Disulfide	ND	0.50									
Carbon Tetrachloride	ND	0.50									

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712087
Project: 717-3F

ANALYTICAL QC SUMMARY REPORT

BatchID: R14846

Sample ID: MB	SampType: MBLK	TestCode: TO-15	Units: ppbv			Prep Date: 12/19/2007	RunNo: 14846				
Client ID: ZZZZZ	Batch ID: R14846	TestNo: TO-15				Analysis Date: 12/19/2007	SeqNo: 214422				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	0.50									
Chloroethane	ND	0.50									
Chloroform	ND	0.50									
Chloromethane	ND	0.50									
cis-1,2-dichloroethene	ND	0.50									
cis-1,3-Dichloropropene	ND	0.50									
Dibromochloromethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethyl Acetate	ND	0.50									
Ethyl Benzene	ND	0.50									
Freon 113	ND	0.50									
Hexachlorobutadiene	ND	0.50									
Hexane	ND	1.0									
Isopropanol	ND	4.0									
m,p-Xylene	ND	0.50									
Methylene Chloride	ND	1.0									
MTBE	ND	0.50									
Naphthalene	ND	5.0									
o-xylene	ND	0.50									
Styrene	ND	0.50									
Tetrachloroethene	ND	0.50									
Tetrahydrofuran	ND	0.50									
Toluene	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Trichloroethene	ND	0.50									
Trichlorofluoromethane	ND	0.50									
Vinyl Acetate	ND	0.50									
Vinyl Chloride	ND	0.50									
Surr: 4-Bromofluorobenzene	19.85	0	20	0	99.2	65	135				

Qualifiers:	E Value above quantitation range	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits	S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712087
Project: 717-3F

ANALYTICAL QC SUMMARY REPORT

BatchID: R14846

Sample ID: LCS	SampType: LCS	TestCode: TO-15	Units: ppbv		Prep Date: 12/18/2007	RunNo: 14846					
Client ID: ZZZZZ	Batch ID: R14846	TestNo: TO-15			Analysis Date: 12/18/2007	SeqNo: 214423					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1 - Dichloroethene	20.58	0.50	20	0	103	65	135				
1,1,1,2-Tetrachloroethane	21.35	0.50	20	0	107	65	135				
1,1,1-Trichloroethane	19.38	0.50	20	0	96.9	65	135				
1,1,2,2-Tetrachloroethane	20.78	0.50	20	0	104	65	135				
1,1,2-Trichloroethane	21.57	0.50	20	0	108	65	135				
1,1-Dichloroethane	20.30	0.50	20	0	102	65	135				
1,2,4-Trichlorobenzene	18.11	0.50	20	0	90.6	65	135				
1,2,4-Trimethylbenzene	19.74	0.50	20	0	98.7	65	135				
1,2-Dibromoethane(Ethylene dibromide)	20.22	0.50	20	0	101	65	135				
1,2-Dichlorobenzene	19.39	0.50	20	0	97.0	65	135				
1,2-Dichloroethane	21.70	0.50	20	0	108	65	135				
1,2-Dichloropropane	21.37	0.50	20	0	107	65	135				
1,2-dichlorotetrafluoroethane(F114)	15.30	0.50	20	0	76.5	65	135				
1,3,5-Trimethylbenzene	20.58	0.50	20	0	103	65	135				
1,3-Butadiene	20.64	0.50	20	0	103	65	135				
1,3-Dichlorobenzene	19.27	0.50	20	0	96.4	65	135				
1,4-Dichlorobenzene	19.27	0.50	20	0	96.4	65	135				
1,4-Dioxane	22.38	0.50	20	0	112	65	135				
2-Butanone (MEK)	21.93	0.50	20	0	110	65	135				
2-Hexanone	22.95	0.50	20	0	115	65	135				
4-Ethyl Toluene	20.90	0.50	20	0	104	65	135				
4-Methyl-2-Pentanone (MIBK)	22.26	0.50	20	0	111	65	135				
Acetone	23.19	4.0	20	0	116	65	135				
Benzene	20.12	0.50	20	0	101	65	135				
Benzyl Chloride	19.92	0.50	20	0	99.6	65	135				
Bromodichloromethane	21.52	0.50	20	0	108	65	135				
Bromoform	21.61	0.50	20	0	108	65	135				
Bromomethane	19.61	0.50	20	0	98.0	65	135				
Carbon Disulfide	20.97	0.50	20	0	105	65	135				
Carbon Tetrachloride	18.99	0.50	20	0	95.0	65	135				
Chlorobenzene	21.64	0.50	20	0	108	65	135				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712087
Project: 717-3F

ANALYTICAL QC SUMMARY REPORT

BatchID: R14846

Sample ID: LCS	SampType: LCS	TestCode: TO-15	Units: ppbv			Prep Date: 12/18/2007	RunNo: 14846				
Client ID: ZZZZZ	Batch ID: R14846	TestNo: TO-15				Analysis Date: 12/18/2007	SeqNo: 214423				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	19.54	0.50	20	0	97.7	65	135				
Chloroform	19.35	0.50	20	0	96.8	65	135				
Chloromethane	21.09	0.50	20	0	105	65	135				
cis-1,2-dichloroethene	19.46	0.50	20	0	97.3	65	135				
cis-1,3-Dichloropropene	20.96	0.50	20	0	105	65	135				
Dibromochloromethane	21.27	0.50	20	0	106	65	135				
Ethyl Acetate	21.61	0.50	20	0	108	65	135				
Ethyl Benzene	20.20	0.50	20	0	101	65	135				
Freon 113	19.28	0.50	20	0	96.4	65	135				
Hexachlorobutadiene	16.93	0.50	20	0	84.6	65	135				
Hexane	20.21	1.0	20	0	101	65	135				
Isopropanol	21.59	4.0	20	0	108	65	135				
m,p-Xylene	41.21	0.50	40	0	103	65	135				
Methylene Chloride	21.19	1.0	20	0	106	65	135				
MTBE	20.51	0.50	20	0	103	65	135				
Naphthalene	17.83	5.0	20	0	89.2	65	135				
o-xylene	20.88	0.50	20	0	104	65	135				
Styrene	20.52	0.50	20	0	103	65	135				
Tetrachloroethene	20.79	0.50	20	0	104	65	135				
Toluene	20.78	0.50	20	0	104	65	135				
trans-1,2-Dichloroethene	19.65	0.50	20	0	98.2	65	135				
Trichloroethene	20.84	0.50	20	0	104	65	135				
Trichlorofluoromethane	20.91	0.50	20	0	105	65	135				
Vinyl Acetate	21.90	0.50	20	0	110	65	135				
Vinyl Chloride	20.14	0.50	20	0	101	65	135				
Surr: 4-Bromofluorobenzene	19.36	0	20	0	96.8	65	135				

Sample ID: LCSD	SampType: LCSD	TestCode: TO-15	Units: ppbv			Prep Date: 12/19/2007	RunNo: 14846				
Client ID: ZZZZZ	Batch ID: R14846	TestNo: TO-15				Analysis Date: 12/19/2007	SeqNo: 214424				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712087
Project: 717-3F

ANALYTICAL QC SUMMARY REPORT

BatchID: R14846

Sample ID: LCSD	SampType: LCSD	TestCode: TO-15	Units: ppbv	Prep Date: 12/19/2007	RunNo: 14846						
Client ID: ZZZZZ	Batch ID: R14846	TestNo: TO-15		Analysis Date: 12/19/2007	SeqNo: 214424						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1 - Dichloroethene	20.00	0.50	20	0	100	65	135	20.58	2.86	30	
1,1,1,2-Tetrachloroethane	21.15	0.50	20	0	106	65	135	21.35	0.941	30	
1,1,1-Trichloroethane	20.05	0.50	20	0	100	65	135	19.38	3.40	30	
1,1,2,2-Tetrachloroethane	20.46	0.50	20	0	102	65	135	20.78	1.55	30	
1,1,2-Trichloroethane	21.21	0.50	20	0	106	65	135	21.57	1.68	30	
1,1-Dichloroethane	19.59	0.50	20	0	98.0	65	135	20.3	3.56	30	
1,2,4-Trichlorobenzene	17.85	0.50	20	0	89.2	65	135	18.11	1.45	30	
1,2,4-Trimethylbenzene	20.17	0.50	20	0	101	65	135	19.74	2.15	30	
1,2-Dibromoethane(Ethylene dibromide)	20.57	0.50	20	0	103	65	135	20.22	1.72	30	
1,2-Dichlorobenzene	19.03	0.50	20	0	95.2	65	135	19.39	1.87	30	
1,2-Dichloroethane	22.23	0.50	20	0	111	65	135	21.7	2.41	30	
1,2-Dichloropropane	20.18	0.50	20	0	101	65	135	21.37	5.73	30	
1,2-dichlorotetrafluoroethane(F114)	17.03	0.50	20	0	85.2	65	135	15.3	10.7	30	
1,3,5-Trimethylbenzene	20.58	0.50	20	0	103	65	135	20.58	0	30	
1,3-Butadiene	19.75	0.50	20	0	98.8	65	135	20.64	4.41	30	
1,3-Dichlorobenzene	19.63	0.50	20	0	98.2	65	135	19.27	1.85	30	
1,4-Dichlorobenzene	19.63	0.50	20	0	98.2	65	135	19.27	1.85	30	
1,4-Dioxane	23.22	0.50	20	0	116	65	135	22.38	3.68	30	
2-Butanone (MEK)	20.95	0.50	20	0	105	65	135	21.93	4.57	30	
2-Hexanone	21.77	0.50	20	0	109	65	135	22.95	5.28	30	
4-Ethyl Toluene	20.60	0.50	20	0	103	65	135	20.9	1.45	30	
4-Methyl-2-Pentanone (MIBK)	22.71	0.50	20	0	114	65	135	22.26	2.00	30	
Acetone	21.93	4.0	20	0	110	65	135	23.19	5.59	30	
Benzene	19.58	0.50	20	0	97.9	65	135	20.12	2.72	30	
Benzyl Chloride	20.09	0.50	20	0	100	65	135	19.92	0.850	30	
Bromodichloromethane	22.38	0.50	20	0	112	65	135	21.52	3.92	30	
Bromoform	21.70	0.50	20	0	108	65	135	21.61	0.416	30	
Bromomethane	19.43	0.50	20	0	97.2	65	135	19.61	0.922	30	
Carbon Disulfide	19.87	0.50	20	0	99.4	65	135	20.97	5.39	30	
Carbon Tetrachloride	19.66	0.50	20	0	98.3	65	135	18.99	3.47	30	
Chlorobenzene	21.10	0.50	20	0	106	65	135	21.64	2.53	30	

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712087
Project: 717-3F

ANALYTICAL QC SUMMARY REPORT

BatchID: R14846

Sample ID: LCSD	SampType: LCSD	TestCode: TO-15	Units: ppbv			Prep Date: 12/19/2007	RunNo: 14846				
Client ID: ZZZZZ	Batch ID: R14846	TestNo: TO-15				Analysis Date: 12/19/2007	SeqNo: 214424				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	15.37	0.50	20	0	76.8	65	135	19.54	23.9	30	
Chloroform	19.39	0.50	20	0	97.0	65	135	19.35	0.207	30	
Chloromethane	22.67	0.50	20	0	113	65	135	21.09	7.22	30	
cis-1,2-dichloroethene	19.71	0.50	20	0	98.6	65	135	19.46	1.28	30	
cis-1,3-Dichloropropene	22.11	0.50	20	0	111	65	135	20.96	5.34	30	
Dibromochloromethane	21.00	0.50	20	0	105	65	135	21.27	1.28	30	
Ethyl Acetate	20.75	0.50	20	0	104	65	135	21.61	4.06	30	
Ethyl Benzene	20.35	0.50	20	0	102	65	135	20.2	0.740	30	
Freon 113	20.15	0.50	20	0	101	65	135	19.28	4.41	30	
Hexachlorobutadiene	17.06	0.50	20	0	85.3	65	135	16.93	0.765	30	
Hexane	19.98	1.0	20	0	99.9	65	135	20.21	1.14	30	
Isopropanol	22.18	4.0	20	0	111	65	135	21.59	2.70	30	
m,p-Xylene	39.86	0.50	40	0	99.7	65	135	41.21	3.33	30	
Methylene Chloride	19.80	1.0	20	0	99.0	65	135	21.19	6.78	30	
MTBE	20.32	0.50	20	0	102	65	135	20.51	0.931	30	
Naphthalene	17.94	5.0	20	0	89.7	65	135	17.83	0.615	30	
o-xylene	19.86	0.50	20	0	99.3	65	135	20.88	5.01	30	
Styrene	20.46	0.50	20	0	102	65	135	20.52	0.293	30	
Tetrachloroethene	20.57	0.50	20	0	103	65	135	20.79	1.06	30	
Toluene	22.21	0.50	20	0	111	65	135	20.78	6.65	30	
trans-1,2-Dichloroethene	19.12	0.50	20	0	95.6	65	135	19.65	2.73	30	
Trichloroethene	21.18	0.50	20	0	106	65	135	20.84	1.62	30	
Trichlorofluoromethane	20.11	0.50	20	0	101	65	135	20.91	3.90	30	
Vinyl Acetate	20.96	0.50	20	0	105	65	135	21.9	4.39	30	
Vinyl Chloride	19.16	0.50	20	0	95.8	65	135	20.14	4.99	30	
Surr: 4-Bromofluorobenzene	19.80	0	20	0	99.0	65	135	0	0	30	

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712087
Project: 717-3F

ANALYTICAL QC SUMMARY REPORT

BatchID: R14864

Sample ID: MB	SampType: MBLK	TestCode: TO-15	Units: ppbv	Prep Date: 12/17/2007	RunNo: 14864
Client ID: ZZZZZ	Batch ID: R14864	TestNo: TO-15		Analysis Date: 12/17/2007	SeqNo: 213794

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1 - Dichloroethene	ND	0.50									
1,1,1,2-Tetrachloroethane	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,1,2,2-Tetrachloroethane	ND	0.50									
1,1,2-Trichloroethane	ND	0.50									
1,1-Dichloroethane	ND	0.50									
1,2,4-Trichlorobenzene	ND	0.50									
1,2,4-Trimethylbenzene	ND	0.50									
1,2-Dibromoethane(Ethylene dibromide)	ND	0.50									
1,2-Dichlorobenzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									
1,2-dichlorotetrafluoroethane(F114)	ND	0.50									
1,3,5-Trimethylbenzene	ND	0.50									
1,3-Butadiene	ND	0.50									
1,3-Dichlorobenzene	ND	0.50									
1,4-Dichlorobenzene	ND	0.50									
1,4-Dioxane	ND	0.50									
2-Butanone (MEK)	ND	0.50									
2-Hexanone	ND	0.50									
4-Ethyl Toluene	ND	0.50									
4-Methyl-2-Pentanone (MIBK)	ND	0.50									
Acetone	ND	4.0									
Benzene	ND	0.50									
Benzyl Chloride	ND	0.50									
Bromodichloromethane	ND	0.50									
Bromoform	ND	0.50									
Bromomethane	ND	0.50									
Carbon Disulfide	ND	0.50									
Carbon Tetrachloride	ND	0.50									
Chlorobenzene	ND	0.50									

Qualifiers:	E Value above quantitation range	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits	S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712087
Project: 717-3F

ANALYTICAL QC SUMMARY REPORT

BatchID: R14864

Sample ID: MB	SampType: MBLK	TestCode: TO-15	Units: ppbv	Prep Date: 12/17/2007	RunNo: 14864
Client ID: ZZZZZ	Batch ID: R14864	TestNo: TO-15		Analysis Date: 12/17/2007	SeqNo: 213794

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	ND	0.50									
Chloroform	ND	0.50									
Chloromethane	ND	0.50									
cis-1,2-dichloroethene	ND	0.50									
cis-1,3-Dichloropropene	ND	0.50									
Dibromochloromethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethyl Acetate	ND	0.50									
Ethyl Benzene	ND	0.50									
Freon 113	ND	0.50									
Hexachlorobutadiene	ND	0.50									
Hexane	ND	1.0									
Isopropanol	ND	4.0									
m,p-Xylene	ND	0.50									
Methylene Chloride	ND	1.0									
MTBE	ND	0.50									
Naphthalene	ND	5.0									
o-xylene	ND	0.50									
Styrene	ND	0.50									
Tetrachloroethene	ND	0.50									
Tetrahydrofuran	ND	0.50									
Toluene	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Trichloroethene	ND	0.50									
Trichlorofluoromethane	ND	0.50									
Vinyl Acetate	ND	0.50									
Vinyl Chloride	ND	0.50									
Surr: 4-Bromofluorobenzene	20.37	0	20	0	102	50	150				

Qualifiers:	E Value above quantitation range	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits	S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712087
Project: 717-3F

ANALYTICAL QC SUMMARY REPORT

BatchID: R14864

Sample ID: LCS	SampType: LCS	TestCode: TO-15	Units: ppbv		Prep Date: 12/17/2007	RunNo: 14864					
Client ID: ZZZZZ	Batch ID: R14864	TestNo: TO-15			Analysis Date: 12/17/2007	SeqNo: 213795					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1 - Dichloroethene	17.62	0.50	20	0	88.1	50	150				
1,1,1,2-Tetrachloroethane	20.20	0.50	20	0	101	50	150				
1,1,1-Trichloroethane	18.06	0.50	20	0	90.3	50	150				
1,1,2,2-Tetrachloroethane	18.88	0.50	20	0	94.4	50	150				
1,1,2-Trichloroethane	19.58	0.50	20	0	97.9	50	150				
1,1-Dichloroethane	17.65	0.50	20	0	88.2	50	150				
1,2,4-Trichlorobenzene	16.24	0.50	20	0	81.2	50	150				
1,2,4-Trimethylbenzene	18.75	0.50	20	0	93.8	50	150				
1,2-Dibromoethane(Ethylene dibromide)	19.59	0.50	20	0	98.0	50	150				
1,2-Dichlorobenzene	17.35	0.50	20	0	86.8	50	150				
1,2-Dichloroethane	20.95	0.50	20	0	105	50	150				
1,2-Dichloropropane	21.88	0.50	20	0	109	50	150				
1,2-dichlorotetrafluoroethane(F114)	13.35	0.50	20	0	66.8	50	150				
1,3,5-Trimethylbenzene	19.13	0.50	20	0	95.7	50	150				
1,3-Butadiene	18.74	0.50	20	0	93.7	50	150				
1,3-Dichlorobenzene	17.77	0.50	20	0	88.8	50	150				
1,4-Dichlorobenzene	17.77	0.50	20	0	88.8	50	150				
1,4-Dioxane	21.45	0.50	20	0	107	50	150				
2-Butanone (MEK)	19.03	0.50	20	0	95.2	50	150				
2-Hexanone	20.80	0.50	20	0	104	50	150				
4-Ethyl Toluene	19.51	0.50	20	0	97.6	50	150				
4-Methyl-2-Pentanone (MIBK)	20.99	0.50	20	0	105	50	150				
Acetone	19.94	4.0	20	0	99.7	50	150				
Benzene	18.06	0.50	20	0	90.3	50	150				
Benzyl Chloride	18.26	0.50	20	0	91.3	50	150				
Bromodichloromethane	19.95	0.50	20	0	99.8	50	150				
Bromoform	20.22	0.50	20	0	101	50	150				
Bromomethane	18.22	0.50	20	0	91.1	50	150				
Carbon Disulfide	18.21	0.50	20	0	91.0	50	150				
Carbon Tetrachloride	17.91	0.50	20	0	89.6	50	150				
Chlorobenzene	19.68	0.50	20	0	98.4	50	150				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712087
Project: 717-3F

ANALYTICAL QC SUMMARY REPORT

BatchID: R14864

Sample ID: LCS	SampType: LCS	TestCode: TO-15	Units: ppbv	Prep Date: 12/17/2007	RunNo: 14864						
Client ID: ZZZZZ	Batch ID: R14864	TestNo: TO-15		Analysis Date: 12/17/2007	SeqNo: 213795						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	18.01	0.50	20	0	90.0	50	150				
Chloroform	17.53	0.50	20	0	87.6	50	150				
Chloromethane	22.30	0.50	20	0	112	50	150				
cis-1,2-dichloroethene	17.90	0.50	20	0	89.5	50	150				
cis-1,3-Dichloropropene	19.69	0.50	20	0	98.4	50	150				
Dibromochloromethane	19.99	0.50	20	0	100	50	150				
Ethyl Acetate	18.77	0.50	20	0	93.8	50	150				
Ethyl Benzene	19.03	0.50	20	0	95.2	50	150				
Freon 113	18.78	0.50	20	0	93.9	50	150				
Hexachlorobutadiene	16.05	0.50	20	0	80.2	50	150				
Hexane	18.61	1.0	20	0	93.0	50	150				
Isopropanol	14.55	4.0	20	0	72.8	50	150				
m,p-Xylene	38.01	0.50	40	0	95.0	50	150				
Methylene Chloride	18.80	1.0	20	0	94.0	50	150				
MTBE	18.71	0.50	20	0	93.6	50	150				
Naphthalene	16.65	5.0	20	0	83.3	50	150				
o-xylene	18.70	0.50	20	0	93.5	50	150				
Styrene	19.25	0.50	20	0	96.2	50	150				
Tetrachloroethene	19.52	0.50	20	0	97.6	50	150				
Toluene	20.04	0.50	20	0	100	50	150				
trans-1,2-Dichloroethene	17.62	0.50	20	0	88.1	50	150				
Trichloroethene	19.70	0.50	20	0	98.5	50	150				
Trichlorofluoromethane	18.90	0.50	20	0	94.5	50	150				
Vinyl Acetate	18.80	0.50	20	0	94.0	50	150				
Vinyl Chloride	18.88	0.50	20	0	94.4	50	150				
Surr: 4-Bromofluorobenzene	18.44	0	20	0	92.2	50	150				

Sample ID: LCSD	SampType: LCSD	TestCode: TO-15	Units: ppbv	Prep Date: 12/17/2007	RunNo: 14864						
Client ID: ZZZZZ	Batch ID: R14864	TestNo: TO-15		Analysis Date: 12/17/2007	SeqNo: 213795						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712087
Project: 717-3F

ANALYTICAL QC SUMMARY REPORT

BatchID: R14864

Sample ID: LCSD	SampType: LCSD	TestCode: TO-15	Units: ppbv	Prep Date: 12/17/2007	RunNo: 14864						
Client ID: ZZZZZ	Batch ID: R14864	TestNo: TO-15		Analysis Date: 12/17/2007	SeqNo: 213796						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1 - Dichloroethene	17.02	0.50	20	0	85.1	50	150	17.62	3.46	30	
1,1,1,2-Tetrachloroethane	20.43	0.50	20	0	102	50	150	20.2	1.13	30	
1,1,1-Trichloroethane	18.70	0.50	20	0	93.5	50	150	18.06	3.48	30	
1,1,2,2-Tetrachloroethane	19.02	0.50	20	0	95.1	50	150	18.88	0.739	30	
1,1,2-Trichloroethane	19.56	0.50	20	0	97.8	50	150	19.58	0.102	30	
1,1-Dichloroethane	17.06	0.50	20	0	85.3	50	150	17.65	3.40	30	
1,2,4-Trichlorobenzene	17.06	0.50	20	0	85.3	50	150	16.24	4.92	30	
1,2,4-Trimethylbenzene	19.34	0.50	20	0	96.7	50	150	18.75	3.10	30	
1,2-Dibromoethane(Ethylene dibromide)	20.03	0.50	20	0	100	50	150	19.59	2.22	30	
1,2-Dichlorobenzene	17.72	0.50	20	0	88.6	50	150	17.35	2.11	30	
1,2-Dichloroethane	21.02	0.50	20	0	105	50	150	20.95	0.334	30	
1,2-Dichloropropane	21.83	0.50	20	0	109	50	150	21.88	0.229	30	
1,2-dichlorotetrafluoroethane(F114)	16.40	0.50	20	0	82.0	50	150	13.35	20.5	30	
1,3,5-Trimethylbenzene	19.68	0.50	20	0	98.4	50	150	19.13	2.83	30	
1,3-Butadiene	17.09	0.50	20	0	85.4	50	150	18.74	9.21	30	
1,3-Dichlorobenzene	18.42	0.50	20	0	92.1	50	150	17.77	3.59	30	
1,4-Dichlorobenzene	18.42	0.50	20	0	92.1	50	150	17.77	3.59	30	
1,4-Dioxane	22.32	0.50	20	0	112	50	150	21.45	3.98	30	
2-Butanone (MEK)	18.78	0.50	20	0	93.9	50	150	19.03	1.32	30	
2-Hexanone	21.10	0.50	20	0	106	50	150	20.8	1.43	30	
4-Ethyl Toluene	19.55	0.50	20	0	97.8	50	150	19.51	0.205	30	
4-Methyl-2-Pentanone (MIBK)	21.36	0.50	20	0	107	50	150	20.99	1.75	30	
Acetone	19.22	4.0	20	0	96.1	50	150	19.94	3.68	30	
Benzene	18.44	0.50	20	0	92.2	50	150	18.06	2.08	30	
Benzyl Chloride	19.16	0.50	20	0	95.8	50	150	18.26	4.81	30	
Bromodichloromethane	20.74	0.50	20	0	104	50	150	19.95	3.88	30	
Bromoform	21.03	0.50	20	0	105	50	150	20.22	3.93	30	
Bromomethane	17.91	0.50	20	0	89.6	50	150	18.22	1.72	30	
Carbon Disulfide	18.22	0.50	20	0	91.1	50	150	18.21	0.0549	30	
Carbon Tetrachloride	18.43	0.50	20	0	92.2	50	150	17.91	2.86	30	
Chlorobenzene	19.74	0.50	20	0	98.7	50	150	19.68	0.304	30	

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Investigation Services
Work Order: 0712087
Project: 717-3F

ANALYTICAL QC SUMMARY REPORT

BatchID: R14864

Sample ID: LCSD	SampType: LCSD	TestCode: TO-15	Units: ppbv			Prep Date: 12/17/2007			RunNo: 14864		
Client ID: ZZZZZ	Batch ID: R14864	TestNo: TO-15				Analysis Date: 12/17/2007			SeqNo: 213796		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	14.34	0.50	20	0	71.7	50	150	18.01	22.7	30	
Chloroform	17.74	0.50	20	0	88.7	50	150	17.53	1.19	30	
Chloromethane	24.17	0.50	20	0	121	50	150	22.3	8.05	30	
cis-1,2-dichloroethene	17.41	0.50	20	0	87.0	50	150	17.9	2.78	30	
cis-1,3-Dichloropropene	20.83	0.50	20	0	104	50	150	19.69	5.63	30	
Dibromochloromethane	20.60	0.50	20	0	103	50	150	19.99	3.01	30	
Ethyl Acetate	19.07	0.50	20	0	95.4	50	150	18.77	1.59	30	
Ethyl Benzene	19.42	0.50	20	0	97.1	50	150	19.03	2.03	30	
Freon 113	18.55	0.50	20	0	92.8	50	150	18.78	1.23	30	
Hexachlorobutadiene	16.90	0.50	20	0	84.5	50	150	16.05	5.16	30	
Hexane	18.49	1.0	20	0	92.5	50	150	18.61	0.647	30	
Isopropanol	13.55	4.0	20	0	67.8	50	150	14.55	7.12	30	
m,p-Xylene	38.36	0.50	40	0	95.9	50	150	38.01	0.917	30	
Methylene Chloride	18.71	1.0	20	0	93.6	50	150	18.8	0.480	30	
MTBE	19.36	0.50	20	0	96.8	50	150	18.71	3.41	30	
Naphthalene	17.29	5.0	20	0	86.5	50	150	16.65	3.77	30	
o-xylene	19.13	0.50	20	0	95.7	50	150	18.7	2.27	30	
Styrene	19.46	0.50	20	0	97.3	50	150	19.25	1.08	30	
Tetrachloroethene	19.85	0.50	20	0	99.2	50	150	19.52	1.68	30	
Toluene	20.67	0.50	20	0	103	50	150	20.04	3.10	30	
trans-1,2-Dichloroethene	16.61	0.50	20	0	83.0	50	150	17.62	5.90	30	
Trichloroethene	19.89	0.50	20	0	99.4	50	150	19.7	0.960	30	
Trichlorofluoromethane	17.87	0.50	20	0	89.4	50	150	18.9	5.60	30	
Vinyl Acetate	18.83	0.50	20	0	94.2	50	150	18.8	0.159	30	
Vinyl Chloride	15.05	0.50	20	0	75.2	50	150	18.88	22.6	30	
Surr: 4-Bromofluorobenzene	19.37	0	20	0	96.8	50	150	0	0	30	

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits



483 Sinclair Frontage Road
 Milpitas, CA 95035
 Phone: 408.263.5258
 FAX: 408.263.8293
 www.torrentlab.com

CHAIN OF CUSTODY

LAB WORK ORDER NO

0712087

NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY.

Company Name: Environmental Investigation Services Location of Sampling: 461 McGraw Ave Livermore, CA
 Address: 170 Knowles Drive Suite 212 Purpose:
 City: Los Gatos CA State: CA Zip Code: 95032 Special Instructions / Comments:
 Telephone: 408 871 1470 FAX: 408 871 1520
 REPORT TO: Peter Littman SAMPLER: Pan + Eun P.O. #: 717-3F EMAIL: plittman@eis.net

TURNAROUND TIME:

10 Work Days 3 Work Days Noon - Nxt Day
 7 Work Days 2 Work Days 2 - 8 Hours
 5 Work Days 1 Work Day Other

SAMPLE TYPE:

Storm Water Air
 Waste Water Other
 Ground Water
 Soil

REPORT FORMAT:

QC Level IV
 EDF
 Excel / EDD

EPA 8260B - Full List
 EPA 8260B - 8010 List
 THP gas BTEX
 Oxygenates MTBE
 THP Diesel Si-Gel
 Motor Oil
 Pesticide - 8081
 PCB - 8082
 Metals CAM - 17
 LUFT 5 7 Metals
 8270 Full List
 PAHs Only

ANALYSIS REQUESTED

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	EPA 8260B - Full List	EPA 8260B - 8010 List	THP gas	Oxygenates	THP Diesel	Motor Oil	Pesticide - 8081	PCB - 8082	Metals	CAM - 17	LUFT 5	7 Metals	8270 Full List	PAHs Only	REMARKS	
01A	SG-21	1:30 12/14	Gas	1	Summa															X	
02A	SG-11	11:30	"	1	"															X	
03A	SG-12	11:40	"	1	"															X	
04A	SG-13	1:25	"	1	"															X	
05A	SG-20	2:55	"	1	"															X	
06A	SG-15	2:33	"	1	"															X	
07A	SG-18	2:36	"	1	"															X	
08A	SG-10	12:40	"	1	"															X	

TORRENT LAB

1 Relinquished By: [Signature] Print: PANINDHAN Date: 5:05 Time: 12/14/07 Received By: [Signature] Print: _____ Date: 12/14/07 Time: 10:50

2 Relinquished By: _____ Print: _____ Date: _____ Time: _____ Received By: _____ Print: _____ Date: _____ Time: _____

Were Samples Received in Good Condition? Yes NO Samples on Ice? Yes NO Method of Shipment _____ Sample seals intact? Yes NO N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made. Page 1 of 1

Date: 12/17 Log In Reviewed By: _____ Date: _____

Attachment I
Soil Sample Laboratory Analytical Reports – B-29 through B-36



McC Campbell Analytical, Inc.

"When Quality Counts"

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

Environmental Investigation Servi 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: # 717-3F; Cal Mac Transportation	Date Sampled: 12/17/07
	Client Contact: Peter Littman	Date Received: 12/17/07
	Client P.O.:	Date Reported: 12/26/07
		Date Completed: 12/26/07

WorkOrder: 0712519

December 26, 2007

Dear Peter:

Enclosed within are:

- 1) The results of the 2 analyzed samples from your project: **# 717-3F; Cal Mac Transportation,**
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

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

McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McC Campbell Analytical, Inc.

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0712519

ClientID: EISI

EDF Excel Fax Email HardCopy ThirdParty

Report to:		Bill to:	Requested TAT: 5 days
Peter Littman	Email: plittman@eis1.net, katie@eis1.net	Barbara	
Environmental Investigation Services,	TEL: (408) 871-1470 FAX: (408) 871-1520	Environmental Investigation Services	<i>Date Received: 12/17/2007</i>
170 Knowles Drive, Suite 212	ProjectNo: # 717-3F; Cal Mac Transportation	170 Knowles Drive, Suite 212	<i>Date Printed: 12/17/2007</i>
Los Gatos, CA 95032	PO:	Los Gatos, CA 95032	
		barbara@eis1.net	

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
0712519-001	B-30A@ 3.5'	Soil	12/17/2007	<input type="checkbox"/>	A	A	A	A									
0712519-002	B-30A @ 7.5	Soil	12/17/2007	<input type="checkbox"/>	A	A		A									

Test Legend:

1	8260B_S	2	G-MBTEX_S	3	PREFD REPORT	4	TPH(DMO)_S	5	
6		7		8		9		10	
11		12							

Prepared by: Kimberly Burks

Comments: Jennifer Morris no longer with EISI- PL 12/11/07

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.



Sample Receipt Checklist

Client Name: **Environmental Investigation Services, Inc.**

Date and Time Received: **12/17/2007 3:03:25 PM**

Project Name: **# 717-3F; Cal Mac Transportation**

Checklist completed and reviewed by: **Kimberly Burks**

WorkOrder N°: **0712519** Matrix Soil

Carrier: Michael Hernandez (MAI Courier)

Chain of Custody (COC) Information

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

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

- All samples received within holding time? Yes No
- Container/Temp Blank temperature Cooler Temp: 14.9°C NA
- Water - VOA vials have zero headspace / no bubbles? Yes No No VOA vials submitted
- Sample labels checked for correct preservation? Yes No
- TTLC Metal - pH acceptable upon receipt (pH<2)? Yes No NA

Client contacted:

Date contacted:

Contacted by:

Comments:



McC Campbell Analytical, Inc.

"When Quality Counts"

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

Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: # 717-3F; Cal Mac Transportation	Date Sampled: 12/17/07
	Client Contact: Peter Littman	Date Received: 12/17/07
	Client P.O.:	Date Extracted: 12/17/07
		Date Analyzed: 12/20/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712519

Lab ID	0712519-001A
Client ID	B-30A@ 3.5'
Matrix	Soil

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

Surrogate Recoveries (%)

%SS1:	102	%SS2:	100
%SS3:	97		

Comments:

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

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

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

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



McC Campbell Analytical, Inc.

"When Quality Counts"

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

Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: # 717-3F; Cal Mac Transportation	Date Sampled: 12/17/07
	Client Contact: Peter Littman	Date Received: 12/17/07
	Client P.O.:	Date Extracted: 12/17/07
		Date Analyzed: 12/19/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712519

Lab ID	0712519-002A
Client ID	B-30A @ 7.5'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	0.014	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	90	%SS2:	97
%SS3:	100		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: # 717-3F; Cal Mac Transportation	Date Sampled: 12/17/07
	Client Contact: Peter Littman	Date Received: 12/17/07
	Client P.O.:	Date Extracted: 12/17/07
		Date Analyzed: 12/18/07

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

Extraction method SW5030B

Analytical methods SW8021B/8015Cm

Work Order: 0712519

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	B-30A@ 3.5'	S	ND	ND	ND	ND	ND	ND	1	90
002A	B-30A@ 7.5'	S	ND	ND	ND	ND	ND	ND	1	92

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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



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Environmental Investigation Services, In
170 Knowles Drive, Suite 212
Los Gatos, CA 95032

Client Project ID: # 717-3F; Cal Mac
Transportation

Client Contact: Peter Littman

Client P.O.:

Date Sampled: 12/17/07

Date Received: 12/17/07

Date Extracted: 12/17/07

Date Analyzed 12/22/07

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

Extraction method: SW3550C

Analytical methods: SW8015C

Work Order: 0712519

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0712519-001A	B-30A@ 3.5'	S	1.5,b	ND	1	102
0712519-002A	B-30A@ 7.5'	S	15,g,b	17	1	102

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

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

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

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



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder 0712519

EPA Method SW8260B	Extraction SW5030B			BatchID: 32595			Spiked Sample ID: 0712556-001A						
	Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
		mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	105	102	2.82	105	102	2.51	70 - 130	30	70 - 130	30	
Benzene	ND	0.050	116	114	2.31	118	115	2.99	70 - 130	30	70 - 130	30	
t-Butyl alcohol (TBA)	ND	0.25	74.3	73.3	1.43	78.6	75.8	3.58	70 - 130	30	70 - 130	30	
Chlorobenzene	ND	0.050	121	118	2.86	120	121	0.792	70 - 130	30	70 - 130	30	
1,2-Dibromoethane (EDB)	ND	0.050	103	105	2.00	106	105	0.722	70 - 130	30	70 - 130	30	
1,2-Dichloroethane (1,2-DCA)	ND	0.050	94.6	94	0.698	99.3	97.1	2.27	70 - 130	30	70 - 130	30	
1,1-Dichloroethene	ND	0.050	75.7	75.9	0.260	77.2	74.2	3.91	70 - 130	30	70 - 130	30	
Diisopropyl ether (DIPE)	ND	0.050	109	105	3.64	108	105	2.58	70 - 130	30	70 - 130	30	
Ethyl tert-butyl ether (ETBE)	ND	0.050	97.9	97.2	0.720	99.4	97.1	2.34	70 - 130	30	70 - 130	30	
Methyl-t-butyl ether (MTBE)	ND	0.050	96.7	96.3	0.407	99.5	96.9	2.64	70 - 130	30	70 - 130	30	
Toluene	ND	0.050	98	96	2.01	96.8	97.2	0.396	70 - 130	30	70 - 130	30	
Trichloroethene	ND	0.050	103	103	0	108	103	4.89	70 - 130	30	70 - 130	30	
%SS1:	92	0.050	105	104	1.51	109	104	5.13	70 - 130	30	70 - 130	30	
%SS2:	99	0.050	87	87	0	87	87	0	70 - 130	30	70 - 130	30	
%SS3:	98	0.050	83	84	0.655	83	84	1.51	70 - 130	30	70 - 130	30	

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

BATCH 32595 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0712519-001A	12/17/07 10:45 AM	12/17/07	12/20/07 12:47 AM	0712519-002A	12/17/07 10:50 AM	12/17/07	12/19/07 6:39 AM

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

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

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

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

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



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder 0712519

EPA Method SW8021B/8015Cm	Extraction SW5030B			BatchID: 32594			Spiked Sample ID: 0712525-001A					
	Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) [£]	ND	0.60	109	114	4.17	114	106	7.73	70 - 130	30	70 - 130	30
MTBE	ND	0.10	94.3	90.7	3.91	116	102	13.5	70 - 130	30	70 - 130	30
Benzene	ND	0.10	88.9	83.6	6.06	101	94.7	6.32	70 - 130	30	70 - 130	30
Toluene	ND	0.10	82.3	77.9	5.29	96.2	89.9	6.76	70 - 130	30	70 - 130	30
Ethylbenzene	ND	0.10	101	92.4	8.71	107	105	2.32	70 - 130	30	70 - 130	30
Xylenes	ND	0.30	96.7	93.3	3.51	107	100	6.45	70 - 130	30	70 - 130	30
%SS:	86	0.10	99	89	10.4	105	98	7.65	70 - 130	30	70 - 130	30

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

BATCH 32594 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0712519-001A	12/17/07 10:45 AM	12/17/07	12/18/07 9:11 AM	0712519-002A	12/17/07 10:50 AM	12/17/07	12/18/07 9:41 AM

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.



QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder 0712519

EPA Method SW8015C	Extraction SW3550C			BatchID: 32516			Spiked Sample ID: 0712382-001A					
	Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	ND	20	95.8	95.3	0.487	112	116	2.85	70 - 130	30	70 - 130	30
%SS:	101	50	101	101	0	129	119	7.91	70 - 130	30	70 - 130	30

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

BATCH 32516 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0712519-001A	12/17/07 10:45 AM	12/17/07	12/22/07 3:57 PM	0712519-002A	12/17/07 10:50 AM	12/17/07	12/22/07 3:07 AM

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

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

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

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

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

Attachment J

Grab Groundwater Sample Laboratory Analytical Reports – B-29 through B-36



McC Campbell Analytical, Inc.

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

Environmental Investigation Servi 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3G; Cal Mac Transportation	Date Sampled: 12/18/07
	Client Contact: Peter Littman	Date Received: 12/18/07
	Client P.O.:	Date Reported: 12/19/07
		Date Completed: 12/27/07

WorkOrder: 0712604

December 27, 2007

Dear Peter:

Enclosed within are:

- 1) The results of the **10** analyzed samples from your project: **#717-3G; Cal Mac Transportation,**
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

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

McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McC Campbell Analytical, Inc.

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
 Pittsburg, CA 94565-1701
 (925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0712604

ClientID: EISI

EDF Excel Fax Email HardCopy ThirdParty

Report to:

Peter Littman
 Environmental Investigation Services,
 170 Knowles Drive, Suite 212
 Los Gatos, CA 95032

Email: plittman@eis1.net, katie@eis1.net
 TEL: (408) 871-1470 FAX: (408) 871-1520
 ProjectNo: #717-3G; Cal Mac Transportation
 PO:

Bill to:

Barbara
 Environmental Investigation Services
 170 Knowles Drive, Suite 212
 Los Gatos, CA 95032
 barbara@eis1.net

Requested TAT: 5 days

Date Received: 12/18/2007

Date Printed: 12/18/2007

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)													
					1	2	3	4	5	6	7	8	9	10	11	12		
0712604-001	B-34	Water	12/18/2007	<input type="checkbox"/>	A	A												
0712604-002	B-33	Water	12/18/2007	<input type="checkbox"/>	A													
0712604-003	B-32	Water	12/18/2007	<input type="checkbox"/>	A													
0712604-004	B-31	Water	12/18/2007	<input type="checkbox"/>	A													
0712604-005	B-35	Water	12/18/2007	<input type="checkbox"/>	A													
0712604-006	B-29	Water	12/18/2007	<input type="checkbox"/>	A													
0712604-007	B-36	Water	12/18/2007	<input type="checkbox"/>	A													
0712604-008	B-30C@25'	Water	12/18/2007	<input type="checkbox"/>	A													
0712604-009	B-30B@20'	Water	12/18/2007	<input type="checkbox"/>	A													
0712604-010	B-30A@15'	Water	12/18/2007	<input type="checkbox"/>	A													

Test Legend:

1	8260B_W	2	PREDF REPORT	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Ana Venegas

Comments: Jennifer Morris no longer with EISI- PL 12/11/07

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.



Sample Receipt Checklist

Client Name: **Environmental Investigation Services, Inc.**

Date and Time Received: **12/18/2007 6:10:28 PM**

Project Name: **#717-3G; Cal Mac Transportation**

Checklist completed and reviewed by: **Ana Venegas**

WorkOrder N°: **0712604** Matrix Water

Carrier: Michael Hernandez (MAI Courier)

Chain of Custody (COC) Information

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

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

- All samples received within holding time? Yes No
- Container/Temp Blank temperature Cooler Temp: 4.4°C NA
- Water - VOA vials have zero headspace / no bubbles? Yes No No VOA vials submitted
- Sample labels checked for correct preservation? Yes No
- TTLC Metal - pH acceptable upon receipt (pH<2)? Yes No NA

Client contacted:

Date contacted:

Contacted by:

Comments:



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Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3G; Cal Mac Transportation	Date Sampled: 12/18/07
	Client Contact: Peter Littman	Date Received: 12/18/07
	Client P.O.:	Date Extracted: 12/21/07
		Date Analyzed: 12/21/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712604

Lab ID	0712604-001A
Client ID	B-34
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Tetrachloride	ND	1.0	0.5
Carbon Disulfide	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	107	%SS2:	101
%SS3:	104		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3G; Cal Mac Transportation	Date Sampled: 12/18/07
	Client Contact: Peter Littman	Date Received: 12/18/07
	Client P.O.:	Date Extracted: 12/21/07
		Date Analyzed: 12/21/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712604

Lab ID	0712604-002A
Client ID	B-33
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	70	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Tetrachloride	ND	1.0	0.5
Carbon Disulfide	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	7.1	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	107	%SS2:	100
%SS3:	103		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3G; Cal Mac Transportation	Date Sampled: 12/18/07
	Client Contact: Peter Littman	Date Received: 12/18/07
	Client P.O.:	Date Extracted: 12/21/07
		Date Analyzed: 12/21/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712604

Lab ID	0712604-003A
Client ID	B-32
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	110	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Tetrachloride	ND	1.0	0.5
Carbon Disulfide	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	11	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	108	%SS2:	99
%SS3:	101		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3G; Cal Mac Transportation	Date Sampled: 12/18/07
	Client Contact: Peter Littman	Date Received: 12/18/07
	Client P.O.:	Date Extracted: 12/23/07
		Date Analyzed: 12/23/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712604

Lab ID	0712604-004A
Client ID	B-31
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<100	10	10	Acrolein (Propenal)	ND<50	10	5.0
Acrylonitrile	ND<20	10	2.0	tert-Amyl methyl ether (TAME)	ND<5.0	10	0.5
Benzene	ND<5.0	10	0.5	Bromobenzene	ND<5.0	10	0.5
Bromochloromethane	ND<5.0	10	0.5	Bromodichloromethane	ND<5.0	10	0.5
Bromoform	ND<5.0	10	0.5	Bromomethane	ND<5.0	10	0.5
2-Butanone (MEK)	ND<20	10	2.0	t-Butyl alcohol (TBA)	ND<50	10	5.0
n-Butyl benzene	ND<5.0	10	0.5	sec-Butyl benzene	ND<5.0	10	0.5
tert-Butyl benzene	ND<5.0	10	0.5	Carbon Tetrachloride	ND<5.0	10	0.5
Carbon Disulfide	ND<5.0	10	0.5	Chlorobenzene	ND<5.0	10	0.5
Chloroethane	ND<5.0	10	0.5	2-Chloroethyl Vinyl Ether	ND<10	10	1.0
Chloroform	ND<5.0	10	0.5	Chloromethane	ND<5.0	10	0.5
2-Chlorotoluene	ND<5.0	10	0.5	4-Chlorotoluene	ND<5.0	10	0.5
Dibromochloromethane	ND<5.0	10	0.5	1,2-Dibromo-3-chloropropane	ND<5.0	10	0.5
1,2-Dibromoethane (EDB)	ND<5.0	10	0.5	Dibromomethane	ND<5.0	10	0.5
1,2-Dichlorobenzene	ND<5.0	10	0.5	1,3-Dichlorobenzene	ND<5.0	10	0.5
1,4-Dichlorobenzene	ND<5.0	10	0.5	Dichlorodifluoromethane	ND<5.0	10	0.5
1,1-Dichloroethane	ND<5.0	10	0.5	1,2-Dichloroethane (1,2-DCA)	ND<5.0	10	0.5
1,1-Dichloroethene	ND<5.0	10	0.5	cis-1,2-Dichloroethene	ND<5.0	10	0.5
trans-1,2-Dichloroethene	ND<5.0	10	0.5	1,2-Dichloropropane	ND<5.0	10	0.5
1,3-Dichloropropane	ND<5.0	10	0.5	2,2-Dichloropropane	ND<5.0	10	0.5
1,1-Dichloropropene	ND<5.0	10	0.5	cis-1,3-Dichloropropene	ND<5.0	10	0.5
trans-1,3-Dichloropropene	ND<5.0	10	0.5	Diisopropyl ether (DIPE)	ND<5.0	10	0.5
Ethylbenzene	ND<5.0	10	0.5	Ethyl tert-butyl ether (ETBE)	ND<5.0	10	0.5
Freon 113	ND<100	10	10	Hexachlorobutadiene	ND<5.0	10	0.5
Hexachloroethane	ND<5.0	10	0.5	2-Hexanone	ND<5.0	10	0.5
Isopropylbenzene	ND<5.0	10	0.5	4-Isopropyl toluene	ND<5.0	10	0.5
Methyl-t-butyl ether (MTBE)	ND<5.0	10	0.5	Methylene chloride	ND<5.0	10	0.5
4-Methyl-2-pentanone (MIBK)	ND<5.0	10	0.5	Naphthalene	ND<5.0	10	0.5
Nitrobenzene	ND<100	10	10	n-Propyl benzene	ND<5.0	10	0.5
Styrene	ND<5.0	10	0.5	1,1,1,2-Tetrachloroethane	ND<5.0	10	0.5
1,1,2,2-Tetrachloroethane	ND<5.0	10	0.5	Tetrachloroethene	190	10	0.5
Toluene	ND<5.0	10	0.5	1,2,3-Trichlorobenzene	ND<5.0	10	0.5
1,2,4-Trichlorobenzene	ND<5.0	10	0.5	1,1,1-Trichloroethane	ND<5.0	10	0.5
1,1,2-Trichloroethane	ND<5.0	10	0.5	Trichloroethene	ND<5.0	10	0.5
Trichlorofluoromethane	ND<5.0	10	0.5	1,2,3-Trichloropropane	ND<5.0	10	0.5
1,2,4-Trimethylbenzene	ND<5.0	10	0.5	1,3,5-Trimethylbenzene	ND<5.0	10	0.5
Vinyl Chloride	ND<5.0	10	0.5	Xylenes	ND<5.0	10	0.5

Surrogate Recoveries (%)

%SS1:	105	%SS2:	98
%SS3:	101		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3G; Cal Mac Transportation	Date Sampled: 12/18/07
	Client Contact: Peter Littman	Date Received: 12/18/07
	Client P.O.:	Date Extracted: 12/21/07
		Date Analyzed: 12/21/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712604

Lab ID	0712604-005A
Client ID	B-35
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Tetrachloride	ND	1.0	0.5
Carbon Disulfide	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	1.3	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	108	%SS2:	98
%SS3:	100		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3G; Cal Mac Transportation	Date Sampled: 12/18/07
	Client Contact: Peter Littman	Date Received: 12/18/07
	Client P.O.:	Date Extracted: 12/21/07
		Date Analyzed: 12/21/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712604

Lab ID	0712604-006A
Client ID	B-29
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	150	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Tetrachloride	ND	1.0	0.5
Carbon Disulfide	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	1.9	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	107	%SS2:	97
%SS3:	101		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3G; Cal Mac Transportation	Date Sampled: 12/18/07
	Client Contact: Peter Littman	Date Received: 12/18/07
	Client P.O.:	Date Extracted: 12/23/07
		Date Analyzed: 12/23/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712604

Lab ID	0712604-007A
Client ID	B-36
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<250	25	10	Acrolein (Propenal)	ND<120	25	5.0
Acrylonitrile	ND<50	25	2.0	tert-Amyl methyl ether (TAME)	ND<12	25	0.5
Benzene	ND<12	25	0.5	Bromobenzene	ND<12	25	0.5
Bromochloromethane	ND<12	25	0.5	Bromodichloromethane	ND<12	25	0.5
Bromoform	ND<12	25	0.5	Bromomethane	ND<12	25	0.5
2-Butanone (MEK)	ND<50	25	2.0	t-Butyl alcohol (TBA)	ND<120	25	5.0
n-Butyl benzene	ND<12	25	0.5	sec-Butyl benzene	ND<12	25	0.5
tert-Butyl benzene	ND<12	25	0.5	Carbon Tetrachloride	ND<12	25	0.5
Carbon Disulfide	ND<12	25	0.5	Chlorobenzene	ND<12	25	0.5
Chloroethane	ND<12	25	0.5	2-Chloroethyl Vinyl Ether	ND<25	25	1.0
Chloroform	ND<12	25	0.5	Chloromethane	ND<12	25	0.5
2-Chlorotoluene	ND<12	25	0.5	4-Chlorotoluene	ND<12	25	0.5
Dibromochloromethane	ND<12	25	0.5	1,2-Dibromo-3-chloropropane	ND<12	25	0.5
1,2-Dibromoethane (EDB)	ND<12	25	0.5	Dibromomethane	ND<12	25	0.5
1,2-Dichlorobenzene	ND<12	25	0.5	1,3-Dichlorobenzene	ND<12	25	0.5
1,4-Dichlorobenzene	ND<12	25	0.5	Dichlorodifluoromethane	ND<12	25	0.5
1,1-Dichloroethane	ND<12	25	0.5	1,2-Dichloroethane (1,2-DCA)	ND<12	25	0.5
1,1-Dichloroethene	ND<12	25	0.5	cis-1,2-Dichloroethene	ND<12	25	0.5
trans-1,2-Dichloroethene	ND<12	25	0.5	1,2-Dichloropropane	ND<12	25	0.5
1,3-Dichloropropane	ND<12	25	0.5	2,2-Dichloropropane	ND<12	25	0.5
1,1-Dichloropropene	ND<12	25	0.5	cis-1,3-Dichloropropene	ND<12	25	0.5
trans-1,3-Dichloropropene	ND<12	25	0.5	Diisopropyl ether (DIPE)	ND<12	25	0.5
Ethylbenzene	ND<12	25	0.5	Ethyl tert-butyl ether (ETBE)	ND<12	25	0.5
Freon 113	ND<250	25	10	Hexachlorobutadiene	ND<12	25	0.5
Hexachloroethane	ND<12	25	0.5	2-Hexanone	ND<12	25	0.5
Isopropylbenzene	ND<12	25	0.5	4-Isopropyl toluene	ND<12	25	0.5
Methyl-t-butyl ether (MTBE)	ND<12	25	0.5	Methylene chloride	ND<12	25	0.5
4-Methyl-2-pentanone (MIBK)	ND<12	25	0.5	Naphthalene	ND<12	25	0.5
Nitrobenzene	ND<250	25	10	n-Propyl benzene	ND<12	25	0.5
Styrene	ND<12	25	0.5	1,1,1,2-Tetrachloroethane	ND<12	25	0.5
1,1,2,2-Tetrachloroethane	ND<12	25	0.5	Tetrachloroethene	600	25	0.5
Toluene	ND<12	25	0.5	1,2,3-Trichlorobenzene	ND<12	25	0.5
1,2,4-Trichlorobenzene	ND<12	25	0.5	1,1,1-Trichloroethane	ND<12	25	0.5
1,1,2-Trichloroethane	ND<12	25	0.5	Trichloroethene	ND<12	25	0.5
Trichlorofluoromethane	ND<12	25	0.5	1,2,3-Trichloropropane	ND<12	25	0.5
1,2,4-Trimethylbenzene	ND<12	25	0.5	1,3,5-Trimethylbenzene	ND<12	25	0.5
Vinyl Chloride	ND<12	25	0.5	Xylenes	ND<12	25	0.5

Surrogate Recoveries (%)

%SS1:	102	%SS2:	98
%SS3:	100		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3G; Cal Mac Transportation	Date Sampled: 12/18/07
	Client Contact: Peter Littman	Date Received: 12/18/07
	Client P.O.:	Date Extracted: 12/23/07
		Date Analyzed: 12/23/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712604

Lab ID	0712604-008A
Client ID	B-30C@25'
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<330	33	10	Acrolein (Propenal)	ND<170	33	5.0
Acrylonitrile	ND<67	33	2.0	tert-Amyl methyl ether (TAME)	ND<17	33	0.5
Benzene	ND<17	33	0.5	Bromobenzene	ND<17	33	0.5
Bromochloromethane	ND<17	33	0.5	Bromodichloromethane	ND<17	33	0.5
Bromoform	ND<17	33	0.5	Bromomethane	ND<17	33	0.5
2-Butanone (MEK)	ND<67	33	2.0	t-Butyl alcohol (TBA)	ND<170	33	5.0
n-Butyl benzene	ND<17	33	0.5	sec-Butyl benzene	ND<17	33	0.5
tert-Butyl benzene	ND<17	33	0.5	Carbon Tetrachloride	ND<17	33	0.5
Carbon Disulfide	ND<17	33	0.5	Chlorobenzene	ND<17	33	0.5
Chloroethane	ND<17	33	0.5	2-Chloroethyl Vinyl Ether	ND<33	33	1.0
Chloroform	ND<17	33	0.5	Chloromethane	ND<17	33	0.5
2-Chlorotoluene	ND<17	33	0.5	4-Chlorotoluene	ND<17	33	0.5
Dibromochloromethane	ND<17	33	0.5	1,2-Dibromo-3-chloropropane	ND<17	33	0.5
1,2-Dibromoethane (EDB)	ND<17	33	0.5	Dibromomethane	ND<17	33	0.5
1,2-Dichlorobenzene	ND<17	33	0.5	1,3-Dichlorobenzene	ND<17	33	0.5
1,4-Dichlorobenzene	ND<17	33	0.5	Dichlorodifluoromethane	ND<17	33	0.5
1,1-Dichloroethane	ND<17	33	0.5	1,2-Dichloroethane (1,2-DCA)	ND<17	33	0.5
1,1-Dichloroethene	ND<17	33	0.5	cis-1,2-Dichloroethene	ND<17	33	0.5
trans-1,2-Dichloroethene	ND<17	33	0.5	1,2-Dichloropropane	ND<17	33	0.5
1,3-Dichloropropane	ND<17	33	0.5	2,2-Dichloropropane	ND<17	33	0.5
1,1-Dichloropropene	ND<17	33	0.5	cis-1,3-Dichloropropene	ND<17	33	0.5
trans-1,3-Dichloropropene	ND<17	33	0.5	Diisopropyl ether (DIPE)	ND<17	33	0.5
Ethylbenzene	ND<17	33	0.5	Ethyl tert-butyl ether (ETBE)	ND<17	33	0.5
Freon 113	ND<330	33	10	Hexachlorobutadiene	ND<17	33	0.5
Hexachloroethane	ND<17	33	0.5	2-Hexanone	ND<17	33	0.5
Isopropylbenzene	ND<17	33	0.5	4-Isopropyl toluene	ND<17	33	0.5
Methyl-t-butyl ether (MTBE)	ND<17	33	0.5	Methylene chloride	ND<17	33	0.5
4-Methyl-2-pentanone (MIBK)	ND<17	33	0.5	Naphthalene	ND<17	33	0.5
Nitrobenzene	ND<330	33	10	n-Propyl benzene	ND<17	33	0.5
Styrene	ND<17	33	0.5	1,1,1,2-Tetrachloroethane	ND<17	33	0.5
1,1,2,2-Tetrachloroethane	ND<17	33	0.5	Tetrachloroethene	600	33	0.5
Toluene	ND<17	33	0.5	1,2,3-Trichlorobenzene	ND<17	33	0.5
1,2,4-Trichlorobenzene	ND<17	33	0.5	1,1,1-Trichloroethane	ND<17	33	0.5
1,1,2-Trichloroethane	ND<17	33	0.5	Trichloroethene	ND<17	33	0.5
Trichlorofluoromethane	ND<17	33	0.5	1,2,3-Trichloropropane	ND<17	33	0.5
1,2,4-Trimethylbenzene	ND<17	33	0.5	1,3,5-Trimethylbenzene	ND<17	33	0.5
Vinyl Chloride	ND<17	33	0.5	Xylenes	ND<17	33	0.5

Surrogate Recoveries (%)

%SS1:	96	%SS2:	97
%SS3:	103		

Comments:

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

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

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

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



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Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3G; Cal Mac Transportation	Date Sampled: 12/18/07
	Client Contact: Peter Littman	Date Received: 12/18/07
	Client P.O.:	Date Extracted: 12/23/07
		Date Analyzed: 12/23/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712604

Lab ID	0712604-009A
Client ID	B-30B@20'
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<500	50	10	Acrolein (Propenal)	ND<250	50	5.0
Acrylonitrile	ND<100	50	2.0	tert-Amyl methyl ether (TAME)	ND<25	50	0.5
Benzene	ND<25	50	0.5	Bromobenzene	ND<25	50	0.5
Bromochloromethane	ND<25	50	0.5	Bromodichloromethane	ND<25	50	0.5
Bromoform	ND<25	50	0.5	Bromomethane	ND<25	50	0.5
2-Butanone (MEK)	ND<100	50	2.0	t-Butyl alcohol (TBA)	ND<250	50	5.0
n-Butyl benzene	ND<25	50	0.5	sec-Butyl benzene	ND<25	50	0.5
tert-Butyl benzene	ND<25	50	0.5	Carbon Tetrachloride	ND<25	50	0.5
Carbon Disulfide	ND<25	50	0.5	Chlorobenzene	ND<25	50	0.5
Chloroethane	ND<25	50	0.5	2-Chloroethyl Vinyl Ether	ND<50	50	1.0
Chloroform	ND<25	50	0.5	Chloromethane	ND<25	50	0.5
2-Chlorotoluene	ND<25	50	0.5	4-Chlorotoluene	ND<25	50	0.5
Dibromochloromethane	ND<25	50	0.5	1,2-Dibromo-3-chloropropane	ND<25	50	0.5
1,2-Dibromoethane (EDB)	ND<25	50	0.5	Dibromomethane	ND<25	50	0.5
1,2-Dichlorobenzene	ND<25	50	0.5	1,3-Dichlorobenzene	ND<25	50	0.5
1,4-Dichlorobenzene	ND<25	50	0.5	Dichlorodifluoromethane	ND<25	50	0.5
1,1-Dichloroethane	ND<25	50	0.5	1,2-Dichloroethane (1,2-DCA)	ND<25	50	0.5
1,1-Dichloroethene	ND<25	50	0.5	cis-1,2-Dichloroethene	ND<25	50	0.5
trans-1,2-Dichloroethene	ND<25	50	0.5	1,2-Dichloropropane	ND<25	50	0.5
1,3-Dichloropropane	ND<25	50	0.5	2,2-Dichloropropane	ND<25	50	0.5
1,1-Dichloropropene	ND<25	50	0.5	cis-1,3-Dichloropropene	ND<25	50	0.5
trans-1,3-Dichloropropene	ND<25	50	0.5	Diisopropyl ether (DIPE)	ND<25	50	0.5
Ethylbenzene	ND<25	50	0.5	Ethyl tert-butyl ether (ETBE)	ND<25	50	0.5
Freon 113	ND<500	50	10	Hexachlorobutadiene	ND<25	50	0.5
Hexachloroethane	ND<25	50	0.5	2-Hexanone	ND<25	50	0.5
Isopropylbenzene	ND<25	50	0.5	4-Isopropyl toluene	ND<25	50	0.5
Methyl-t-butyl ether (MTBE)	ND<25	50	0.5	Methylene chloride	ND<25	50	0.5
4-Methyl-2-pentanone (MIBK)	ND<25	50	0.5	Naphthalene	ND<25	50	0.5
Nitrobenzene	ND<500	50	10	n-Propyl benzene	ND<25	50	0.5
Styrene	ND<25	50	0.5	1,1,1,2-Tetrachloroethane	ND<25	50	0.5
1,1,2,2-Tetrachloroethane	ND<25	50	0.5	Tetrachloroethene	810	50	0.5
Toluene	ND<25	50	0.5	1,2,3-Trichlorobenzene	ND<25	50	0.5
1,2,4-Trichlorobenzene	ND<25	50	0.5	1,1,1-Trichloroethane	ND<25	50	0.5
1,1,2-Trichloroethane	ND<25	50	0.5	Trichloroethene	ND<25	50	0.5
Trichlorofluoromethane	ND<25	50	0.5	1,2,3-Trichloropropane	ND<25	50	0.5
1,2,4-Trimethylbenzene	ND<25	50	0.5	1,3,5-Trimethylbenzene	ND<25	50	0.5
Vinyl Chloride	ND<25	50	0.5	Xylenes	ND<25	50	0.5

Surrogate Recoveries (%)

%SS1:	96	%SS2:	98
%SS3:	103		

Comments:

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

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

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

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



McC Campbell Analytical, Inc.

"When Quality Counts"

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

Environmental Investigation Services, Inc. 170 Knowles Drive, Suite 212 Los Gatos, CA 95032	Client Project ID: #717-3G; Cal Mac Transportation	Date Sampled: 12/18/07
	Client Contact: Peter Littman	Date Received: 12/18/07
	Client P.O.:	Date Extracted: 12/23/07
		Date Analyzed: 12/23/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0712604

Lab ID	0712604-010A
Client ID	B-30A@15'
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<1000	100	10	Acrolein (Propenal)	ND<500	100	5.0
Acrylonitrile	ND<200	100	2.0	tert-Amyl methyl ether (TAME)	ND<50	100	0.5
Benzene	ND<50	100	0.5	Bromobenzene	ND<50	100	0.5
Bromochloromethane	ND<50	100	0.5	Bromodichloromethane	ND<50	100	0.5
Bromoform	ND<50	100	0.5	Bromomethane	ND<50	100	0.5
2-Butanone (MEK)	ND<200	100	2.0	t-Butyl alcohol (TBA)	ND<500	100	5.0
n-Butyl benzene	ND<50	100	0.5	sec-Butyl benzene	ND<50	100	0.5
tert-Butyl benzene	ND<50	100	0.5	Carbon Tetrachloride	ND<50	100	0.5
Carbon Disulfide	ND<50	100	0.5	Chlorobenzene	ND<50	100	0.5
Chloroethane	ND<50	100	0.5	2-Chloroethyl Vinyl Ether	ND<100	100	1.0
Chloroform	ND<50	100	0.5	Chloromethane	ND<50	100	0.5
2-Chlorotoluene	ND<50	100	0.5	4-Chlorotoluene	ND<50	100	0.5
Dibromochloromethane	ND<50	100	0.5	1,2-Dibromo-3-chloropropane	ND<50	100	0.5
1,2-Dibromoethane (EDB)	ND<50	100	0.5	Dibromomethane	ND<50	100	0.5
1,2-Dichlorobenzene	ND<50	100	0.5	1,3-Dichlorobenzene	ND<50	100	0.5
1,4-Dichlorobenzene	ND<50	100	0.5	Dichlorodifluoromethane	ND<50	100	0.5
1,1-Dichloroethane	ND<50	100	0.5	1,2-Dichloroethane (1,2-DCA)	ND<50	100	0.5
1,1-Dichloroethene	ND<50	100	0.5	cis-1,2-Dichloroethene	ND<50	100	0.5
trans-1,2-Dichloroethene	ND<50	100	0.5	1,2-Dichloropropane	ND<50	100	0.5
1,3-Dichloropropane	ND<50	100	0.5	2,2-Dichloropropane	ND<50	100	0.5
1,1-Dichloropropene	ND<50	100	0.5	cis-1,3-Dichloropropene	ND<50	100	0.5
trans-1,3-Dichloropropene	ND<50	100	0.5	Diisopropyl ether (DIPE)	ND<50	100	0.5
Ethylbenzene	ND<50	100	0.5	Ethyl tert-butyl ether (ETBE)	ND<50	100	0.5
Freon 113	ND<1000	100	10	Hexachlorobutadiene	ND<50	100	0.5
Hexachloroethane	ND<50	100	0.5	2-Hexanone	ND<50	100	0.5
Isopropylbenzene	ND<50	100	0.5	4-Isopropyl toluene	ND<50	100	0.5
Methyl-t-butyl ether (MTBE)	ND<50	100	0.5	Methylene chloride	ND<50	100	0.5
4-Methyl-2-pentanone (MIBK)	ND<50	100	0.5	Naphthalene	ND<50	100	0.5
Nitrobenzene	ND<1000	100	10	n-Propyl benzene	ND<50	100	0.5
Styrene	ND<50	100	0.5	1,1,1,2-Tetrachloroethane	ND<50	100	0.5
1,1,2,2-Tetrachloroethane	ND<50	100	0.5	Tetrachloroethene	1800	100	0.5
Toluene	ND<50	100	0.5	1,2,3-Trichlorobenzene	ND<50	100	0.5
1,2,4-Trichlorobenzene	ND<50	100	0.5	1,1,1-Trichloroethane	ND<50	100	0.5
1,1,2-Trichloroethane	ND<50	100	0.5	Trichloroethene	ND<50	100	0.5
Trichlorofluoromethane	ND<50	100	0.5	1,2,3-Trichloropropane	ND<50	100	0.5
1,2,4-Trimethylbenzene	ND<50	100	0.5	1,3,5-Trimethylbenzene	ND<50	100	0.5
Vinyl Chloride	ND<50	100	0.5	Xylenes	ND<50	100	0.5

Surrogate Recoveries (%)

%SS1:	92	%SS2:	98
%SS3:	103		

Comments:

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

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

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

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



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0712604

Analyte	EPA Method SW8260B		Extraction SW5030B			BatchID: 32628			Spiked Sample ID: 0712576-001B			
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	10	106	105	1.55	103	101	2.50	70 - 130	30	70 - 130	30
Benzene	ND	10	110	110	0	121	116	4.23	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	79.9	77.8	2.63	72.1	72.1	0	70 - 130	30	70 - 130	30
Chlorobenzene	ND	10	104	104	0	119	122	2.20	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	92.6	96.1	3.70	93.7	107	13.2	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	108	106	2.05	88.7	89.9	1.40	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	10	122	125	2.04	71.5	76.7	6.93	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	118	118	0	109	110	0.922	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	108	106	2.35	96.7	96.4	0.236	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	106	106	0	90.1	90.7	0.725	70 - 130	30	70 - 130	30
Toluene	ND	10	95.4	95.9	0.489	96	101	4.94	70 - 130	30	70 - 130	30
Trichloroethene	ND	10	91.2	90.3	0.980	102	97.4	4.63	70 - 130	30	70 - 130	30
%SS1:	119	10	106	105	1.05	98	94	3.65	70 - 130	30	70 - 130	30
%SS2:	100	10	96	97	1.05	79	82	3.74	70 - 130	30	70 - 130	30
%SS3:	103	10	95	95	0	89	90	1.21	70 - 130	30	70 - 130	30

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

BATCH 32628 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0712604-001A	12/18/07 11:30 AM	12/21/07	12/21/07 4:01 PM	0712604-002A	12/18/07 11:55 AM	12/21/07	12/21/07 4:53 PM
0712604-003A	12/18/07 12:06 PM	12/21/07	12/21/07 5:38 PM	0712604-004A	12/18/07 12:20 PM	12/23/07	12/23/07 7:48 AM
0712604-005A	12/18/07 12:34 PM	12/21/07	12/21/07 7:08 PM	0712604-006A	12/18/07 12:56 PM	12/21/07	12/21/07 7:54 PM
0712604-007A	12/18/07 1:14 PM	12/23/07	12/23/07 8:33 AM	0712604-008A	12/18/07 1:30 PM	12/23/07	12/23/07 9:18 AM

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

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

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

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

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



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0712604

Analyte	Extraction SW5030B			BatchID: 32658			Spiked Sample ID: 0712594-011C					
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	10	103	101	1.72	102	99	2.91	70 - 130	30	70 - 130	30
Benzene	ND	10	112	112	0	110	108	2.38	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	77.5	77.9	0.529	74.5	75.6	1.41	70 - 130	30	70 - 130	30
Chlorobenzene	ND	10	104	103	1.09	104	102	1.83	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	94.6	91.7	3.19	93.1	92.6	0.611	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	102	104	1.36	101	98.1	2.61	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	10	127	126	0.777	115	112	1.88	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	116	116	0	114	113	1.65	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	102	102	0	102	99.6	2.66	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	102	102	0	101	99.6	1.13	70 - 130	30	70 - 130	30
Toluene	ND	10	91.6	90.9	0.750	96.4	93.7	2.85	70 - 130	30	70 - 130	30
Trichloroethene	ND	10	90.3	89.4	0.969	90.3	87.4	3.33	70 - 130	30	70 - 130	30
%SS1:	123	10	100	98	2.21	102	101	0.520	70 - 130	30	70 - 130	30
%SS2:	100	10	96	95	0.864	97	97	0	70 - 130	30	70 - 130	30
%SS3:	104	10	100	100	0	98	98	0	70 - 130	30	70 - 130	30

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

BATCH 32658 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0712604-009A	12/18/07 1:45 PM	12/23/07	12/23/07 10:03 AM	0712604-010A	12/18/07 1:58 PM	12/23/07	12/23/07 10:48 AM

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

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

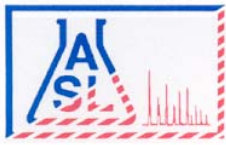
MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the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

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

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.

Attachment K

Grab Groundwater Sample Laboratory Analytical Reports – B1 –B6 and WW-1



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

Ordered By

Environmental Investig. Svcs, Inc.
15466 Los Gatos Blvd. Ste. 109-062
Los Gatos, CA 95032-

Telephone (408)395-7674
Attn Peter Littman

Number of Pages 15

Date Received 06/01/2007

Date Reported 06/08/2007

Job Number	Ordered	Client
34079	06/01/2007	EIS

Project ID: 717-2
Project Name: Call Mac Transportation
site: 461 Mcgraw Ave.
Livermore, CA

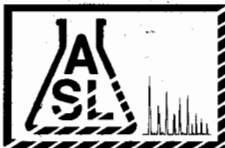
Enclosed are the results of analyses on 5 samples analyzed as specified on attached chain of custody.

Amolk MOLKY Brar
Laboratory Manager

Rojert G. Araghi
Laboratory Director

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

- 1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
- 2) ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

2520 N. San Fernando Road, LA, CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

COC# No 40616 GLOBAL ID T0600102204 E REPORT: PDF EDF EDD ASL JOB# 34079

Company: Environmental Investigation Services, Inc.		Report To: EIS	
Address: 170 Knowles Dr., Ste 212 Los Gatos, CA 95032		Project Name: Call Mac Transportation	
Telephone: 408-871-8470 Fax: 408-871-1520		Site Address: 461 McGraw Ave. Livermore, CA	
Special Instruction: Include COC in PDF report		Project ID: 717-2	
E-mail: jmorris@eis1.net plittman@eis1.net		Project Manager: P. Littman	
Address: 170 Knowles Dr., Ste 212		Address: EIS	
Address: Los Gatos, CA 95032		Invoice To: EIS	
Address: Livermore, CA		Address: EIS	
P.O.#: 717-2		ANALYSIS REQUESTED	

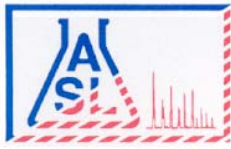
8015M: TPH-d, -o
6010B: T, He 22 M, tra, ls
8260B: VOCs +
TPH, - oxygenates
DCA, + EDB

HOLD Extra
sample for
additional
analysis

ITEM	LAB USE ONLY		SAMPLE DESCRIPTION				Container(s)		Preservation Matrix		Remarks
	Lab ID	Sample ID	Date	Time	#	Type	Matrix	Matrix	Matrix		
		B-X	5/31/07	11:38	7	3 amber 3 voc 1 poly	ICE 3 HCl 1 Nitric acid	water	X	X	X
	196189	B-2	5/31/07	11:38				water	X	X	X
	196190	B-3		1720					X	X	X
	196191	B-4		9:45					X	X	X
	196192	B-5		1630					X	X	X
	196193	B-6		13:45					X	X	X

Collected By: A. Walden	Date 5/31/07	Time 1726	Relinquished By:	Date	Time	TAT
Relinquished By: A. Walden	Date 5/31/07	Time	Received For Laboratory: Janel Chin	Date 6.1.07	Time 8:30	<input checked="" type="checkbox"/> Normal
Received By:	Date	Time	Condition of Sample:			<input type="checkbox"/> Rush

CHAIN OF CUSTODY RECORD



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered By

Environmental Investig. Svcs, Inc.
 15466 Los Gatos Blvd.
 Ste. 109-062
 Los Gatos, CA 95032-

Site

461 Mcgraw Ave.
 Livermore, CA

Telephone: (408)395-7674

Attn: Peter Littman

Page: 2

Project ID: 717-2

Project Name: Call Mac Transportation

ASL Job Number	Submitted	Client
34079	06/01/2007	EIS

Method: 6010B/7470A, CCR Title 22 Metals (TTLC)

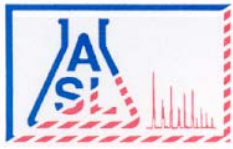
QC Batch No: 060407-1A

Our Lab I.D.		Method Blank	196189	196190	196191	196192
Client Sample I.D.			B-2	B-3	B-4	B-5
Date Sampled			05/31/2007	05/31/2007	05/31/2007	05/31/2007
Date Prepared		06/04/2007	06/04/2007	06/04/2007	06/04/2007	06/04/2007
Preparation Method		3010A	3010A	3010A	3010A	3010A
Date Analyzed		06/05/2007	06/05/2007	06/05/2007	06/05/2007	06/05/2007
Matrix		Water	Water	Water	Water	Water
Units		mg/L	mg/L	mg/L	mg/L	mg/L
Dilution Factor		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
AA Metals						
Mercury	0.002	ND	ND	ND	ND	ND
ICP Metals						
Antimony	0.010	ND	ND	ND	ND	ND
Arsenic	0.010	ND	ND	ND	ND	ND
Barium	0.010	ND	0.192	0.648	0.359	0.863
Beryllium	0.0050	ND	ND	ND	ND	ND
Cadmium	0.0050	ND	ND	ND	ND	ND
Chromium	0.010	ND	0.031	0.105	0.036	0.050
Cobalt	0.010	ND	ND	0.026	ND	0.013
Copper	0.010	ND	ND	ND	ND	0.027
Lead	0.005	ND	ND	ND	ND	ND
Molybdenum	0.010	ND	ND	0.027	ND	ND
Nickel	0.010	ND	ND	0.078	0.035	0.046
Selenium	0.010	ND	0.014	0.013	0.017	0.025
Silver	0.010	ND	ND	ND	ND	ND
Thallium	0.010	ND	ND	ND	ND	ND
Vanadium	0.010	ND	ND	0.101	0.047	0.085
Zinc	0.010	ND	0.013	0.111	0.117	0.063

QUALITY CONTROL REPORT

QC Batch No: 060407-1A

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit				
AA Metals									
Mercury	92	109	16.9	80-120	20				
ICP Metals									
Antimony	97	95	2.1	80-120	20				



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Page: **3**

Project ID: 717-2

Project Name: Call Mac Transportation

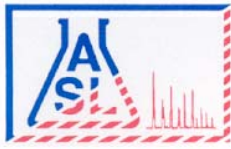
ASL Job Number	Submitted	Client
34079	06/01/2007	EIS

Method: 6010B/7470A, CCR Title 22 Metals (TTLC)

QUALITY CONTROL REPORT

QC Batch No: 060407-1A

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
ICP Metals										
Arsenic	97	98	1.0	80-120	20					
Barium	100	102	2.0	80-120	20					
Beryllium	100	101	<1	80-120	20					
Cadmium	97	101	4.0	80-120	20					
Chromium	95	98	3.1	80-120	20					
Cobalt	101	103	2.0	80-120	20					
Copper	97	98	1.0	80-120	20					
Lead	100	103	3.0	80-120	20					
Molybdenum	98	100	2.0	80-120	20					
Nickel	103	105	1.9	80-120	20					
Selenium	98	99	1.0	80-120	20					
Silver	109	94	14.8	80-120	20					
Thallium	98	102	4.0	80-120	20					
Vanadium	96	98	2.1	80-120	20					
Zinc	108	106	1.9	80-120	20					



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ANALYTICAL RESULTS

Ordered By

Site

Environmental Investig. Svcs, Inc.
 15466 Los Gatos Blvd.
 Ste. 109-062
 Los Gatos, CA 95032-

461 Mcgraw Ave.
 Livermore, CA

Telephone: (408)395-7674

Attn: Peter Littman

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Project ID: 717-2

Project Name: Call Mac Transportation

ASL Job Number	Submitted	Client
34079	06/01/2007	EIS

Method: 6010B/7470A, CCR Title 22 Metals (TTLC)

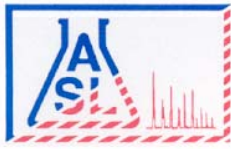
QC Batch No: 060407-1A

Our Lab I.D.		196193			
Client Sample I.D.		B-6			
Date Sampled		05/31/2007			
Date Prepared		06/04/2007			
Preparation Method		3010A			
Date Analyzed		06/05/2007			
Matrix		Water			
Units		mg/L			
Dilution Factor		1			
Analytes	PQL	Results			
AA Metals					
Mercury	0.002	ND			
ICP Metals					
Antimony	0.010	ND			
Arsenic	0.010	ND			
Barium	0.010	0.151			
Beryllium	0.0050	ND			
Cadmium	0.0050	ND			
Chromium	0.010	ND			
Cobalt	0.010	ND			
Copper	0.010	ND			
Lead	0.005	ND			
Molybdenum	0.010	0.010			
Nickel	0.010	ND			
Selenium	0.010	0.016			
Silver	0.010	ND			
Thallium	0.010	ND			
Vanadium	0.010	ND			
Zinc	0.010	0.090			

QUALITY CONTROL REPORT

QC Batch No: 060407-1A

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit				
AA Metals									
Mercury	92	109	16.9	80-120	20				
ICP Metals									
Antimony	97	95	2.1	80-120	20				



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ANALYTICAL RESULTS

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Project ID: 717-2

Project Name: Call Mac Transportation

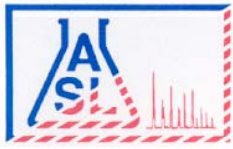
ASL Job Number	Submitted	Client
34079	06/01/2007	EIS

Method: 6010B/7470A, CCR Title 22 Metals (TTLC)

QUALITY CONTROL REPORT

QC Batch No: 060407-1A

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
ICP Metals										
Arsenic	97	98	1.0	80-120	20					
Barium	100	102	2.0	80-120	20					
Beryllium	100	101	<1	80-120	20					
Cadmium	97	101	4.0	80-120	20					
Chromium	95	98	3.1	80-120	20					
Cobalt	101	103	2.0	80-120	20					
Copper	97	98	1.0	80-120	20					
Lead	100	103	3.0	80-120	20					
Molybdenum	98	100	2.0	80-120	20					
Nickel	103	105	1.9	80-120	20					
Selenium	98	99	1.0	80-120	20					
Silver	109	94	14.8	80-120	20					
Thallium	98	102	4.0	80-120	20					
Vanadium	96	98	2.1	80-120	20					
Zinc	108	106	1.9	80-120	20					



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ANALYTICAL RESULTS

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Project ID: 717-2

Project Name: Call Mac Transportation

ASL Job Number	Submitted	Client
34079	06/01/2007	EIS

Method: 8015B, TPH DROs and OROs (Diesel and Oil Range Organics)

QC Batch No: 060707-2P

Our Lab I.D.		Method Blank	196189	196190	196191	196192
Client Sample I.D.			B-2	B-3	B-4	B-5
Date Sampled			05/31/2007	05/31/2007	05/31/2007	05/31/2007
Date Prepared		06/07/2007	06/07/2007	06/07/2007	06/07/2007	06/07/2007
Preparation Method		3510C	3510C	3510C	3510C	3510C
Date Analyzed		06/07/2007	06/07/2007	06/07/2007	06/07/2007	06/07/2007
Matrix		Water	Water	Water	Water	Water
Units		mg/L	mg/L	mg/L	mg/L	mg/L
Dilution Factor		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
TPH DROs (C10 to C28)	0.50	ND	ND	ND	ND	ND
TPH OROs (C28+)	0.50	ND	ND	ND	ND	ND

Our Lab I.D.			196189	196190	196191	196192
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Chlorobenzene	70-120	113	120	119	120	116

QUALITY CONTROL REPORT

QC Batch No: 060707-2P

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Diesel	102	103	<1	70-120	<20					



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Project ID: 717-2

Project Name: Call Mac Transportation

ASL Job Number	Submitted	Client
34079	06/01/2007	EIS

Method: 8015B, TPH DROs and OROs (Diesel and Oil Range Organics)

QC Batch No: 060707-2P

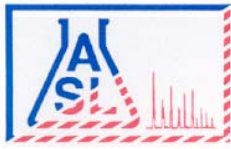
Our Lab I.D.		196193			
Client Sample I.D.		B-6			
Date Sampled		05/31/2007			
Date Prepared		06/07/2007			
Preparation Method		3510C			
Date Analyzed		06/07/2007			
Matrix		Water			
Units		mg/L			
Dilution Factor		1			
Analytes	PQL	Results			
TPH DROs (C10 to C28)	0.50	ND			
TPH OROs (C28+)	0.50	ND			

Our Lab I.D.		196193			
Surrogates	% Rec.Limit	% Rec.			
Surrogate Percent Recovery					
Chlorobenzene	70-120	115			

QUALITY CONTROL REPORT

QC Batch No: 060707-2P

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit				
Diesel	102	103	<1	70-120	<20				



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Project ID: 717-2

Project Name: Call Mac Transportation

ASL Job Number	Submitted	Client
34079	06/01/2007	EIS

Method: 8260B, TPH GROs(Gasoline Range Organics)

QC Batch No: 060607-2B

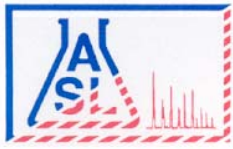
Our Lab I.D.		Method Blank	196189	196191	196192	196193
Client Sample I.D.			B-2	B-4	B-5	B-6
Date Sampled			05/31/2007	05/31/2007	05/31/2007	05/31/2007
Date Prepared		06/07/2007	06/07/2007	06/07/2007	06/07/2007	06/07/2007
Preparation Method		5030B	5030B	5030B	5030B	5030B
Date Analyzed		06/07/2007	06/07/2007	06/07/2007	06/07/2007	06/07/2007
Matrix		Water	Water	Water	Water	Water
Units		ug/L	ug/L	ug/L	ug/L	ug/L
Dilution Factor		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
TPH GROs (C6 to C10)	50	ND	ND	ND	ND	ND

Our Lab I.D.			196189	196191	196192	196193
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Bromofluorobenzene	70-120	106	110	114	113	112
Dibromofluoromethane	70-120	100	115	101	101	99
Toluene-d8	70-120	101	108	107	108	110

QUALITY CONTROL REPORT

QC Batch No: 060607-2B

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Benzene	106	116	9.0	75-120	15					
Chlorobenzene	87	94	7.7	75-120	15					
1,1-Dichloroethene (1,1-Dichloroethylene)	89	92	3.3	75-120	15					
Toluene (Methyl benzene)	102	114	11.1	75-120	15					
Trichloroethene (TCE)	86	94	8.9	75-120	15					



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Project ID: 717-2

Project Name: Call Mac Transportation

ASL Job Number	Submitted	Client
34079	06/01/2007	EIS

Method: 8260B, TPH GROs(Gasoline Range Organics)

QC Batch No: 060707-1B

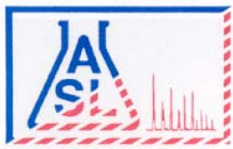
Our Lab I.D.		196190			
Client Sample I.D.		B-3			
Date Sampled		05/31/2007			
Date Prepared		06/07/2007			
Preparation Method		5030B			
Date Analyzed		06/07/2007			
Matrix		Water			
Units		ug/L			
Dilution Factor		1			
Analytes	PQL	Results			
TPH GROs (C6 to C10)	50	ND			

Our Lab I.D.		196190			
Surrogates	% Rec.Limit	% Rec.			
Surrogate Percent Recovery					
Bromofluorobenzene	70-120	108			
Dibromofluoromethane	70-120	93			
Toluene-d8	70-120	101			

QUALITY CONTROL REPORT

QC Batch No: 060707-1B

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Benzene	103	97	6.0	75-120	15					
Chlorobenzene	98	97	1.0	75-120	15					
1,1-Dichloroethene (1,1-Dichloroethylene)	94	89	5.5	75-120	15					
Toluene (Methyl benzene)	105	98	6.9	75-120	15					
Trichloroethene (TCE)	102	97	5.0	75-120	15					



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ANALYTICAL RESULTS

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Project ID: 717-2

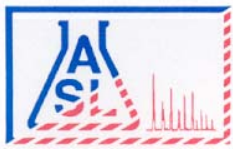
Project Name: Call Mac Transportation

ASL Job Number	Submitted	Client
34079	06/01/2007	EIS

Method: 8260B, Volatile Organic Compounds + Oxygenates

QC Batch No: 060607-2B

Our Lab I.D.		Method Blank	196189	196191	196192	196193
Client Sample I.D.			B-2	B-4	B-5	B-6
Date Sampled			05/31/2007	05/31/2007	05/31/2007	05/31/2007
Date Prepared		06/07/2007	06/07/2007	06/07/2007	06/07/2007	06/07/2007
Preparation Method		5030B	5030B	5030B	5030B	5030B
Date Analyzed		06/07/2007	06/07/2007	06/07/2007	06/07/2007	06/07/2007
Matrix		Water	Water	Water	Water	Water
Units		ug/L	ug/L	ug/L	ug/L	ug/L
Dilution Factor		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
Acetone	5.00	ND	ND	ND	ND	ND
Benzene	1.000	ND	ND	ND	ND	ND
Bromobenzene (Phenyl bromide)	1.000	ND	ND	ND	ND	ND
Bromochloromethane (Chlorobromomethane)	1.000	ND	ND	ND	ND	ND
Bromodichloromethane (Dichlorobromomethane)	1.000	ND	ND	ND	ND	ND
Bromoform (Tribromomethane)	5.000	ND	ND	ND	ND	ND
Bromomethane (Methyl bromide)	3.000	ND	ND	ND	ND	ND
2-Butanone (MEK, Methyl ethyl ketone)	5.00	ND	ND	ND	ND	ND
n-Butylbenzene	1.000	ND	ND	ND	ND	ND
sec-Butylbenzene	1.000	ND	ND	ND	ND	ND
tert-Butylbenzene	1.000	ND	ND	ND	ND	ND
Carbon disulfide	1.000	ND	ND	ND	ND	ND
Carbon tetrachloride (Tetrachloromethane)	1.000	ND	ND	ND	ND	ND
Chlorobenzene	1.000	ND	ND	ND	ND	ND
Chloroethane	3.000	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	5.000	ND	ND	ND	ND	ND
Chloroform (Trichloromethane)	1.000	ND	ND	ND	ND	ND
Chloromethane (Methyl chloride)	3.000	ND	ND	ND	ND	ND
4-Chlorotoluene (p-Chlorotoluene)	1.000	ND	ND	ND	ND	ND
2-Chlorotoluene (o-Chlorotoluene)	1.000	ND	ND	ND	ND	ND
DIPE	2.000	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane (DBCP)	5.000	ND	ND	ND	ND	ND
Dibromochloromethane	1.000	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB, Ethylene dibromide)	1.000	ND	ND	ND	ND	ND
Dibromomethane	1.000	ND	ND	ND	ND	ND
1,2-Dichlorobenzene (o-Dichlorobenzene)	1.000	ND	ND	ND	ND	ND
1,3-Dichlorobenzene (m-Dichlorobenzene)	1.000	ND	ND	ND	ND	ND
1,4-Dichlorobenzene (p-Dichlorobenzene)	1.000	ND	ND	ND	ND	ND



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ANALYTICAL RESULTS

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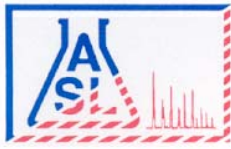
Project ID: 717-2
 Project Name: Call Mac Transportation

ASL Job Number	Submitted	Client
34079	06/01/2007	EIS

Method: 8260B, Volatile Organic Compounds + Oxygenates

QC Batch No: 060607-2B

Our Lab I.D.		Method Blank	196189	196191	196192	196193
Client Sample I.D.			B-2	B-4	B-5	B-6
Date Sampled			05/31/2007	05/31/2007	05/31/2007	05/31/2007
Date Prepared		06/07/2007	06/07/2007	06/07/2007	06/07/2007	06/07/2007
Preparation Method		5030B	5030B	5030B	5030B	5030B
Date Analyzed		06/07/2007	06/07/2007	06/07/2007	06/07/2007	06/07/2007
Matrix		Water	Water	Water	Water	Water
Units		ug/L	ug/L	ug/L	ug/L	ug/L
Dilution Factor		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
Dichlorodifluoromethane	3.000	ND	ND	ND	ND	ND
1,1-Dichloroethane	1.000	ND	ND	ND	ND	ND
1,2-Dichloroethane	1.000	ND	ND	ND	ND	ND
1,1-Dichloroethene (1,1-Dichloroethylene)	1.000	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	1.000	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	1.000	ND	ND	ND	ND	ND
1,2-Dichloropropane	1.000	ND	ND	ND	ND	ND
1,3-Dichloropropane	1.000	ND	ND	ND	ND	ND
2,2-Dichloropropane	1.000	ND	ND	ND	ND	ND
1,1-Dichloropropene	1.000	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	1.000	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	1.000	ND	ND	ND	ND	ND
ETBE	2.000	ND	ND	ND	ND	ND
Ethylbenzene	1.000	ND	ND	ND	ND	ND
Hexachlorobutadiene (1,3-Hexachlorobutadiene)	3.000	ND	ND	ND	ND	ND
2-Hexanone	5.000	ND	ND	ND	ND	ND
Isopropylbenzene	1.000	ND	ND	ND	ND	ND
p-Isopropyltoluene (4-Isopropyltoluene)	1.000	ND	ND	ND	ND	ND
MTBE	2.000	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK, Methyl isobutyl ketone)	5.00	ND	ND	ND	ND	ND
Methylene chloride (Dichloromethane, DCM)	5.00	ND	ND	ND	ND	ND
Naphthalene	1.000	ND	ND	ND	ND	ND
n-Propylbenzene	1.000	ND	ND	ND	ND	ND
TAME	2.000	ND	ND	ND	ND	ND
Styrene	1.000	ND	ND	ND	ND	ND
TBA	10.00	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	1.000	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	1.000	ND	ND	ND	ND	ND
Tetrachloroethene (Tetrachloroethylene)	1.000	ND	ND	ND	ND	ND
Toluene (Methyl benzene)	1.000	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	1.000	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	1.000	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	1.000	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1.000	ND	ND	ND	ND	ND
Trichloroethene (TCE)	1.000	ND	ND	ND	ND	ND



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ANALYTICAL RESULTS

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Project ID: 717-2
 Project Name: Call Mac Transportation

ASL Job Number	Submitted	Client
34079	06/01/2007	EIS

Method: 8260B, Volatile Organic Compounds + Oxygenates

QC Batch No: 060607-2B

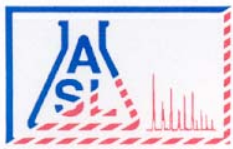
Our Lab I.D.		Method Blank	196189	196191	196192	196193
Client Sample I.D.			B-2	B-4	B-5	B-6
Date Sampled			05/31/2007	05/31/2007	05/31/2007	05/31/2007
Date Prepared		06/07/2007	06/07/2007	06/07/2007	06/07/2007	06/07/2007
Preparation Method		5030B	5030B	5030B	5030B	5030B
Date Analyzed		06/07/2007	06/07/2007	06/07/2007	06/07/2007	06/07/2007
Matrix		Water	Water	Water	Water	Water
Units		ug/L	ug/L	ug/L	ug/L	ug/L
Dilution Factor		1	1	1	1	1
Analytes	PQL	Results	Results	Results	Results	Results
Trichlorofluoromethane	1.000	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	1.000	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	1.000	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	1.000	ND	ND	ND	ND	ND
Vinyl acetate	5.00	ND	ND	ND	ND	ND
Vinyl chloride (Chloroethene)	3.000	ND	ND	ND	ND	ND
o-Xylene	1.000	ND	ND	ND	ND	ND
m- & p-Xylenes	2.000	ND	ND	ND	ND	ND

Our Lab I.D.			196189	196191	196192	196193
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Bromofluorobenzene	70-120	106	110	114	113	112
Dibromofluoromethane	70-120	100	115	101	101	99
Toluene-d8	70-120	101	108	107	108	110

QUALITY CONTROL REPORT

QC Batch No: 060607-2B

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit				
Benzene	106	116	9.0	75-120	15				
Chlorobenzene	87	94	7.7	75-120	15				
1,1-Dichloroethene (1,1-Dichloroethylene)	89	92	3.3	75-120	15				
MTBE	93	83	11.4	75-120	15				
Toluene (Methyl benzene)	102	114	11.1	75-120	15				
Trichloroethene (TCE)	86	94	8.9	75-120	15				



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Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered By

Site

Environmental Investig. Svcs, Inc.
15466 Los Gatos Blvd.
Ste. 109-062
Los Gatos, CA 95032-

461 Mcgraw Ave.
Livermore, CA

Telephone: (408)395-7674

Attn: Peter Littman

Page: 13

Project ID: 717-2

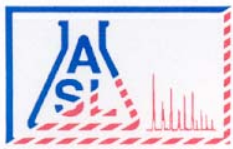
Project Name: Call Mac Transportation

ASL Job Number	Submitted	Client
34079	06/01/2007	EIS

Method: 8260B, Volatile Organic Compounds + Oxygenates

QC Batch No: 060707-1B

Our Lab I.D.		196190			
Client Sample I.D.		B-3			
Date Sampled		05/31/2007			
Date Prepared		06/07/2007			
Preparation Method		5030B			
Date Analyzed		06/07/2007			
Matrix		Water			
Units		ug/L			
Dilution Factor		1			
Analytes	PQL	Results			
Acetone	5.00	ND			
Benzene	1.000	ND			
Bromobenzene (Phenyl bromide)	1.000	ND			
Bromochloromethane (Chlorobromomethane)	1.000	ND			
Bromodichloromethane (Dichlorobromomethane)	1.000	ND			
Bromoform (Tribromomethane)	5.000	ND			
Bromomethane (Methyl bromide)	3.000	ND			
2-Butanone (MEK, Methyl ethyl ketone)	5.00	ND			
n-Butylbenzene	1.000	ND			
sec-Butylbenzene	1.000	ND			
tert-Butylbenzene	1.000	ND			
Carbon disulfide	1.000	ND			
Carbon tetrachloride (Tetrachloromethane)	1.000	ND			
Chlorobenzene	1.000	ND			
Chloroethane	3.000	ND			
2-Chloroethyl vinyl ether	5.000	ND			
Chloroform (Trichloromethane)	1.000	ND			
Chloromethane (Methyl chloride)	3.000	ND			
4-Chlorotoluene (p-Chlorotoluene)	1.000	ND			
2-Chlorotoluene (o-Chlorotoluene)	1.000	ND			
DIPE	2.000	ND			
1,2-Dibromo-3-chloropropane (DBCP)	5.000	ND			
Dibromochloromethane	1.000	ND			
1,2-Dibromoethane (EDB, Ethylene dibromide)	1.000	ND			
Dibromomethane	1.000	ND			
1,2-Dichlorobenzene (o-Dichlorobenzene)	1.000	ND			
1,3-Dichlorobenzene (m-Dichlorobenzene)	1.000	ND			
1,4-Dichlorobenzene (p-Dichlorobenzene)	1.000	ND			



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ANALYTICAL RESULTS

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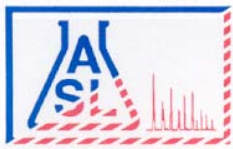
Project ID: 717-2
 Project Name: Call Mac Transportation

ASL Job Number	Submitted	Client
34079	06/01/2007	EIS

Method: 8260B, Volatile Organic Compounds + Oxygenates

QC Batch No: 060707-1B

Our Lab I.D.		196190			
Client Sample I.D.		B-3			
Date Sampled		05/31/2007			
Date Prepared		06/07/2007			
Preparation Method		5030B			
Date Analyzed		06/07/2007			
Matrix		Water			
Units		ug/L			
Dilution Factor		1			
Analytes	PQL	Results			
Dichlorodifluoromethane	3.000	ND			
1,1-Dichloroethane	1.000	ND			
1,2-Dichloroethane	1.000	ND			
1,1-Dichloroethene (1,1-Dichloroethylene)	1.000	ND			
cis-1,2-Dichloroethene	1.000	ND			
trans-1,2-Dichloroethene	1.000	ND			
1,2-Dichloropropane	1.000	ND			
1,3-Dichloropropane	1.000	ND			
2,2-Dichloropropane	1.000	ND			
1,1-Dichloropropene	1.000	ND			
trans-1,3-Dichloropropene	1.000	ND			
cis-1,3-Dichloropropene	1.000	ND			
ETBE	2.000	ND			
Ethylbenzene	1.000	ND			
Hexachlorobutadiene (1,3-Hexachlorobutadiene)	3.000	ND			
2-Hexanone	5.000	ND			
Isopropylbenzene	1.000	ND			
p-Isopropyltoluene (4-Isopropyltoluene)	1.000	ND			
MTBE	2.000	ND			
4-Methyl-2-pentanone (MIBK, Methyl isobutyl ketone)	5.00	ND			
Methylene chloride (Dichloromethane, DCM)	5.00	ND			
Naphthalene	1.000	ND			
n-Propylbenzene	1.000	ND			
TAME	2.000	ND			
Styrene	1.000	ND			
TBA	10.00	ND			
1,1,1,2-Tetrachloroethane	1.000	ND			
1,1,2,2-Tetrachloroethane	1.000	ND			
Tetrachloroethene (Tetrachloroethylene)	1.000	ND			
Toluene (Methyl benzene)	1.000	ND			
1,2,3-Trichlorobenzene	1.000	ND			
1,2,4-Trichlorobenzene	1.000	ND			
1,1,1-Trichloroethane	1.000	ND			
1,1,2-Trichloroethane	1.000	ND			
Trichloroethene (TCE)	1.000	ND			



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ANALYTICAL RESULTS

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Project ID: 717-2
 Project Name: Call Mac Transportation

ASL Job Number	Submitted	Client
34079	06/01/2007	EIS

Method: 8260B, Volatile Organic Compounds + Oxygenates

QC Batch No: 060707-1B

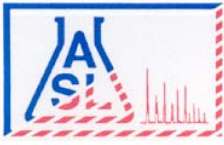
Our Lab I.D.		196190			
Client Sample I.D.		B-3			
Date Sampled		05/31/2007			
Date Prepared		06/07/2007			
Preparation Method		5030B			
Date Analyzed		06/07/2007			
Matrix		Water			
Units		ug/L			
Dilution Factor		1			
Analytes	PQL	Results			
Trichlorofluoromethane	1.000	ND			
1,2,3-Trichloropropane	1.000	ND			
1,2,4-Trimethylbenzene	1.000	ND			
1,3,5-Trimethylbenzene	1.000	ND			
Vinyl acetate	5.00	ND			
Vinyl chloride (Chloroethene)	3.000	ND			
o-Xylene	1.000	ND			
m- & p-Xylenes	2.000	ND			

Our Lab I.D.		196190			
Surrogates	% Rec.Limit	% Rec.			
Surrogate Percent Recovery					
Bromofluorobenzene	70-120	108			
Dibromofluoromethane	70-120	93			
Toluene-d8	70-120	101			

QUALITY CONTROL REPORT

QC Batch No: 060707-1B

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Benzene	103	97	6.0	75-120	15					
Chlorobenzene	98	97	1.0	75-120	15					
1,1-Dichloroethene (1,1-Dichloroethylene)	94	89	5.5	75-120	15					
MTBE	87	82	5.9	75-120	15					
Toluene (Methyl benzene)	105	98	6.9	75-120	15					
Trichloroethene (TCE)	102	97	5.0	75-120	15					



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Ordered By

Environmental Investig. Svcs, Inc.
15466 Los Gatos Blvd. Ste. 109-062
Los Gatos, CA 95032-

Number of Pages 15
Date Received 06/05/2007
Date Reported 06/12/2007

Telephone (408)395-7674
Attn Peter Littman

Job Number	Ordered	Client
34113	06/05/2007	EIS

Project ID: 717-2
Project Name: Call Mac Transportation
site: 461 McGraw Ave.
Livermore, CA

Enclosed are the results of analyses on 5 samples analyzed as specified on attached chain of custody.

Amolk MOLKY Brar
Laboratory Manager

Rojert G. Araghi
Laboratory Director

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

- 1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
- 2) ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.



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Environmental Testing Services

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COC# No 40617 GLOBAL ID T0600102204 E REPORT: PDF EDF EDD ASL JOB# 34113

Company: Environmental Investigation Services, Inc.		Report To: EIS	
Address: 170 Knowles Dr., Ste. 212 Los Gatos, CA 95032		Address: EIS	
Telephone: 408-871-1470 Fax: 408-871-1520		Invoice To: EIS	
Special Instruction: Enclde COC in pdf report		Address: EIS	
E-mail: jmorris@eis1.net plittman@eis1.net		Project ID: 717-2	
Project Name: Call Mac Transportation		P.O.#: 717-2	
Site Address: 461 McGraw Ave. Livermore, CA			

ANALYSIS REQUESTED

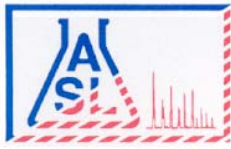
9015M:TH-1-e
6010B:T:He Z2 Metals
8260B:VOCs,TH-9
oxigenates,DCAT
E-9B

HOLD FOR ADDITIONAL ANALYSES

ITEM	LAB USE ONLY		SAMPLE DESCRIPTION				Container(s)		Preservation Matrix	Preservation Matrix	REMARKS			
	Lab ID	Sample ID	Date	Time	#	Type								
	196375	WW-1	6/1/07	17:05	5	1amber 3vov 1poly	ICE	SHC1 1HNO3	Water	X	X	X		
	196376	B-1	"	11:10	7	3amber 3vov 1poly	ICE	SHC1 1HNO3	water	X	X	X		
	196377	B-1, 45-5.0	6/1/07	9:15	1	acetate	ICE	SOIL		X	X	X		
	196378	B-1, 105-11.0		9:30	1	steel								
	196379	B-1, 245-25.0		10:20	1	"								

Collected By: Jennifer Morris	Date: 6/4/07	Time: 14:01	Relinquished By:	Date:	Time:
Relinquished By: Jennifer Morris	Date: 6/4/07	Time: 14:01	Received For Laboratory: Janet Chin	Date: 6.5.07	Time: 8:30
Received By:	Date:	Time:	Condition of Sample:	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush	

CHAIN OF CUSTODY RECORD



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Environmental Testing Services

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ANALYTICAL RESULTS

Ordered By

Site

Environmental Investig. Svcs, Inc.
 15466 Los Gatos Blvd.
 Ste. 109-062
 Los Gatos, CA 95032-

461 McGraw Ave.
 Livermore, CA

Telephone: (408)395-7674

Attn: Peter Littman

Page: 2

Project ID: 717-2

Project Name: Call Mac Transportation

ASL Job Number	Submitted	Client
34113	06/05/2007	EIS

Method: 8015B, TPH DROs and OROs (Diesel and Oil Range Organics)

QC Batch No: 060807-1D

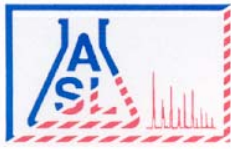
Our Lab I.D.		Method Blank	196377	196378	196379	
Client Sample I.D.			B-1, 4.5-5.0	B-1, 10.5-11.0	B-1, 24.5-25.0	
Date Sampled			06/01/2007	06/01/2007	06/01/2007	
Date Prepared		06/08/2007	06/08/2007	06/08/2007	06/08/2007	
Preparation Method		3550B	3550B	3550B	3550B	
Date Analyzed		06/08/2007	06/08/2007	06/08/2007	06/08/2007	
Matrix		Soil	Soil	Soil	Soil	
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor		1	1	1	1	
Analytes	PQL	Results	Results	Results	Results	
TPH DROs (C10 to C28)	10	ND	ND	18	ND	
TPH OROs (C28+)	50	ND	ND	ND	ND	

Our Lab I.D.			196377	196378	196379	
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	
Surrogate Percent Recovery						
Chlorobenzene	70-120	105	80	72	72	

QUALITY CONTROL REPORT

QC Batch No: 060807-1D

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Diesel	102	101	<1	75-120	<20					



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Environmental Testing Services

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ANALYTICAL RESULTS

Ordered By

Site

Environmental Investig. Svcs, Inc.
 15466 Los Gatos Blvd.
 Ste. 109-062
 Los Gatos, CA 95032-

461 McGraw Ave.
 Livermore, CA

Telephone: (408)395-7674

Attn: Peter Littman

Page: 3

Project ID: 717-2

Project Name: Call Mac Transportation

ASL Job Number	Submitted	Client
34113	06/05/2007	EIS

Method: 8015B, TPH DROs and OROs (Diesel and Oil Range Organics)

QC Batch No: 060807-1P

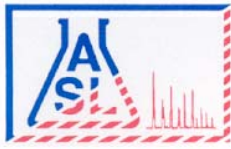
Our Lab I.D.		Method Blank	196375	196376		
Client Sample I.D.			WW-1	B-1		
Date Sampled			06/01/2007	06/01/2007		
Date Prepared		06/08/2007	06/08/2007	06/08/2007		
Preparation Method		3510C	3510C	3510C		
Date Analyzed		06/08/2007	06/08/2007	06/08/2007		
Matrix		Water	Water	Water		
Units		mg/L	mg/L	mg/L		
Dilution Factor		1	1	1		
Analytes	PQL	Results	Results	Results		
TPH DROs (C10 to C28)	0.50	ND	ND	ND		
TPH OROs (C28+)	0.50	ND	ND	ND		

Our Lab I.D.			196375	196376		
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.		
Surrogate Percent Recovery						
Chlorobenzene	70-120	104	116	112		

QUALITY CONTROL REPORT

QC Batch No: 060807-1P

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Diesel	102	100	2.0	70-120	<20					



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Environmental Testing Services

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ANALYTICAL RESULTS

Ordered By

Site

Environmental Investig. Svcs, Inc.
 15466 Los Gatos Blvd.
 Ste. 109-062
 Los Gatos, CA 95032-

461 McGraw Ave.
 Livermore, CA

Telephone: (408)395-7674

Attn: Peter Littman

Page: 4

Project ID: 717-2

Project Name: Call Mac Transportation

ASL Job Number	Submitted	Client
34113	06/05/2007	EIS

Method: 8260B, TPH GROs(Gasoline Range Organics)

QC Batch No: 060807-1B

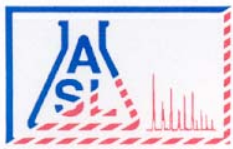
Our Lab I.D.		Method Blank	196377	196378	196379	
Client Sample I.D.			B-1, 4.5-5.0	B-1, 10.5-11.0	B-1, 24.5-25.0	
Date Sampled			06/01/2007	06/01/2007	06/01/2007	
Date Prepared		06/08/2007	06/08/2007	06/08/2007	06/08/2007	
Preparation Method		5030A	5030A	5030A	5030A	
Date Analyzed		06/08/2007	06/08/2007	06/08/2007	06/08/2007	
Matrix		Soil	Soil	Soil	Soil	
Units		ug/kg	ug/kg	ug/kg	ug/kg	
Dilution Factor		1	1	1	1	
Analytes	PQL	Results	Results	Results	Results	
TPH GROs (C6 to C10)	500	ND	ND	ND	ND	

Our Lab I.D.			196377	196378	196379	
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	
Surrogate Percent Recovery						
Bromofluorobenzene	70-120	96	96	99	100	
Dibromofluoromethane	70-120	99	73	107	100	
Toluene-d8	70-120	106	101	106	106	

QUALITY CONTROL REPORT

QC Batch No: 060807-1B

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Benzene	86	100	15.1	75-120	15					
Chlorobenzene	97	88	9.7	75-120	15					
1,1-Dichloroethene (1,1-Dichloroethylene)	114	104	9.2	75-120	15					
MTBE	81	83	2.4	75-120	15					
Toluene (Methyl benzene)	86	89	3.4	75-120	15					
Trichloroethene (TCE)	95	85	11.1	75-120	15					



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Environmental Testing Services

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ANALYTICAL RESULTS

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Site

461 McGraw Ave.
 Livermore, CA

Telephone: (408)395-7674

Attn: Peter Littman

Page: 5

Project ID: 717-2

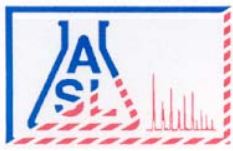
Project Name: Call Mac Transportation

ASL Job Number	Submitted	Client
34113	06/05/2007	EIS

Method: 8260B, Volatile Organic Compounds + Oxygenates

QC Batch No: 060807-1B

Our Lab I.D.		Method Blank	196377	196378	196379	
Client Sample I.D.			B-1, 4.5-5.0	B-1, 10.5-11.0	B-1, 24.5-25.0	
Date Sampled			06/01/2007	06/01/2007	06/01/2007	
Date Prepared		06/08/2007	06/08/2007	06/08/2007	06/08/2007	
Preparation Method		5030A	5030A	5030A	5030A	
Date Analyzed		06/08/2007	06/08/2007	06/08/2007	06/08/2007	
Matrix		Soil	Soil	Soil	Soil	
Units		ug/kg	ug/kg	ug/kg	ug/kg	
Dilution Factor		1	1	1	1	
Analytes	PQL	Results	Results	Results	Results	
Acetone	50.0	ND	ND	ND	ND	
Benzene	2.00	ND	ND	ND	ND	
Bromobenzene (Phenyl bromide)	10.00	ND	ND	ND	ND	
Bromochloromethane (Chlorobromomethane)	10.00	ND	ND	ND	ND	
Bromodichloromethane (Dichlorobromomethane)	10.00	ND	ND	ND	ND	
Bromoform (Tribromomethane)	50.00	ND	ND	ND	ND	
Bromomethane (Methyl bromide)	30.00	ND	ND	ND	ND	
2-Butanone (MEK, Methyl ethyl ketone)	50.00	ND	ND	ND	ND	
n-Butylbenzene	10.00	ND	ND	ND	ND	
sec-Butylbenzene	10.00	ND	ND	ND	ND	
tert-Butylbenzene	10.00	ND	ND	ND	ND	
Carbon disulfide	10.00	ND	ND	ND	ND	
Carbon tetrachloride (Tetrachloromethane)	10.00	ND	ND	ND	ND	
Chlorobenzene	10.00	ND	ND	ND	ND	
Chloroethane	30.00	ND	ND	ND	ND	
2-Chloroethyl vinyl ether	50.00	ND	ND	ND	ND	
Chloroform (Trichloromethane)	10.00	ND	ND	ND	ND	
Chloromethane (Methyl chloride)	30.00	ND	ND	ND	ND	
4-Chlorotoluene (p-Chlorotoluene)	10.00	ND	ND	ND	ND	
DIPE	5.00	ND	ND	ND	ND	
2-Chlorotoluene (o-Chlorotoluene)	10.00	ND	ND	ND	ND	
1,2-Dibromo-3-chloropropane (DBCP)	50.00	ND	ND	ND	ND	
Dibromochloromethane	10.00	ND	ND	ND	ND	
1,2-Dibromoethane (EDB, Ethylene dibromide)	10.00	ND	ND	ND	ND	
Dibromomethane	10.00	ND	ND	ND	ND	
1,2-Dichlorobenzene (o-Dichlorobenzene)	10.00	ND	ND	ND	ND	
1,3-Dichlorobenzene (m-Dichlorobenzene)	10.00	ND	ND	ND	ND	



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ANALYTICAL RESULTS

Page: 6

Project ID: 717-2
 Project Name: Call Mac Transportation

ASL Job Number	Submitted	Client
34113	06/05/2007	EIS

Method: 8260B, Volatile Organic Compounds + Oxygenates

QC Batch No: 060807-1B

Our Lab I.D.		Method Blank	196377	196378	196379	
Client Sample I.D.			B-1, 4.5-5.0	B-1, 10.5-11.0	B-1, 24.5-25.0	
Date Sampled			06/01/2007	06/01/2007	06/01/2007	
Date Prepared		06/08/2007	06/08/2007	06/08/2007	06/08/2007	
Preparation Method		5030A	5030A	5030A	5030A	
Date Analyzed		06/08/2007	06/08/2007	06/08/2007	06/08/2007	
Matrix		Soil	Soil	Soil	Soil	
Units		ug/kg	ug/kg	ug/kg	ug/kg	
Dilution Factor		1	1	1	1	
Analytes	PQL	Results	Results	Results	Results	
1,4-Dichlorobenzene (p-Dichlorobenzene)	10.00	ND	ND	ND	ND	
Dichlorodifluoromethane	30.00	ND	ND	ND	ND	
1,1-Dichloroethane	10.00	ND	ND	ND	ND	
1,2-Dichloroethane	10.00	ND	ND	ND	ND	
1,1-Dichloroethene (1,1-Dichloroethylene)	10.00	ND	ND	ND	ND	
cis-1,2-Dichloroethene	10.00	ND	ND	ND	ND	
trans-1,2-Dichloroethene	10.00	ND	ND	ND	ND	
1,2-Dichloropropane	10.00	ND	ND	ND	ND	
1,3-Dichloropropane	10.00	ND	ND	ND	ND	
2,2-Dichloropropane	10.00	ND	ND	ND	ND	
1,1-Dichloropropene	10.00	ND	ND	ND	ND	
cis-1,3-Dichloropropene	10.00	ND	ND	ND	ND	
trans-1,3-Dichloropropene	10.00	ND	ND	ND	ND	
ETBE	5.00	ND	ND	ND	ND	
Ethylbenzene	2.0	ND	ND	ND	ND	
Hexachlorobutadiene (1,3-Hexachlorobutadiene)	30.00	ND	ND	ND	ND	
2-Hexanone	50.00	ND	ND	ND	ND	
Isopropylbenzene	10.00	ND	ND	ND	ND	
p-Isopropyltoluene (4-Isopropyltoluene)	10.00	ND	ND	ND	ND	
MTBE	5.00	ND	ND	ND	ND	
4-Methyl-2-pentanone (MIBK, Methyl isobutyl ketone)	50.00	ND	ND	ND	ND	
Methylene chloride (Dichloromethane, DCM)	50.00	ND	ND	ND	ND	
Naphthalene	10.00	ND	ND	ND	ND	
n-Propylbenzene	10.00	ND	ND	ND	ND	
TAME	5.0	ND	ND	ND	ND	
TBA	20.0	ND	ND	ND	ND	
Styrene	10.00	ND	ND	ND	ND	
1,1,1,2-Tetrachloroethane	10.00	ND	ND	ND	ND	
1,1,2,2-Tetrachloroethane	10.00	ND	ND	ND	ND	
Tetrachloroethene (Tetrachloroethylene)	10.00	ND	ND	ND	ND	
Toluene (Methyl benzene)	2.0	ND	ND	ND	ND	
1,2,3-Trichlorobenzene	10.00	ND	ND	ND	ND	
1,2,4-Trichlorobenzene	10.00	ND	ND	ND	ND	
1,1,1-Trichloroethane	10.00	ND	ND	ND	ND	



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ANALYTICAL RESULTS

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Project ID: 717-2
 Project Name: Call Mac Transportation

ASL Job Number	Submitted	Client
34113	06/05/2007	EIS

Method: 8260B, Volatile Organic Compounds + Oxygenates

QC Batch No: 060807-1B

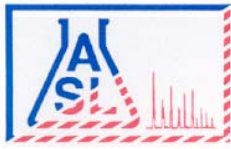
Our Lab I.D.		Method Blank	196377	196378	196379	
Client Sample I.D.			B-1, 4.5-5.0	B-1, 10.5-11.0	B-1, 24.5-25.0	
Date Sampled			06/01/2007	06/01/2007	06/01/2007	
Date Prepared		06/08/2007	06/08/2007	06/08/2007	06/08/2007	
Preparation Method		5030A	5030A	5030A	5030A	
Date Analyzed		06/08/2007	06/08/2007	06/08/2007	06/08/2007	
Matrix		Soil	Soil	Soil	Soil	
Units		ug/kg	ug/kg	ug/kg	ug/kg	
Dilution Factor		1	1	1	1	
Analytes	PQL	Results	Results	Results	Results	
1,1,2-Trichloroethane	10.00	ND	ND	ND	ND	
Trichloroethene (TCE)	10.00	ND	ND	ND	ND	
Trichlorofluoromethane	10.00	ND	ND	ND	ND	
1,2,3-Trichloropropane	10.00	ND	ND	ND	ND	
1,2,4-Trimethylbenzene	10.00	ND	ND	ND	ND	
1,3,5-Trimethylbenzene	10.00	ND	ND	ND	ND	
Vinyl acetate	50.0	ND	ND	ND	ND	
Vinyl chloride (Chloroethene)	30.00	ND	ND	ND	ND	
o-Xylene	2.0	ND	ND	ND	ND	
m- & p-Xylenes	4.00	ND	ND	ND	ND	

Our Lab I.D.			196377	196378	196379	
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	
Surrogate Percent Recovery						
Bromofluorobenzene	70-120	96	96	99	100	
Dibromofluoromethane	70-120	99	73	107	100	
Toluene-d8	70-120	106	101	106	106	

QUALITY CONTROL REPORT

QC Batch No: 060807-1B

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Benzene	86	100	15.1	75-120	15					
Chlorobenzene	97	88	9.7	75-120	15					
1,1-Dichloroethene (1,1-Dichloroethylene)	114	104	9.2	75-120	15					
MTBE	81	83	2.4	75-120	15					
Toluene (Methyl benzene)	86	89	3.4	75-120	15					
Trichloroethene (TCE)	95	85	11.1	75-120	15					



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ANALYTICAL RESULTS

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Attn: Peter Littman

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Project ID: 717-2

Project Name: Call Mac Transportation

ASL Job Number	Submitted	Client
34113	06/05/2007	EIS

Method: 8260B, TPH GROs(Gasoline Range Organics)

QC Batch No: 060807-1B

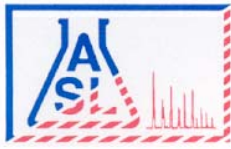
Our Lab I.D.		Method Blank	196375	196376		
Client Sample I.D.			WW-1	B-1		
Date Sampled			06/01/2007	06/01/2007		
Date Prepared		06/08/2007	06/08/2007	06/08/2007		
Preparation Method		5030B	5030B	5030B		
Date Analyzed		06/08/2007	06/08/2007	06/08/2007		
Matrix		Water	Water	Water		
Units		ug/L	ug/L	ug/L		
Dilution Factor		1	1	1		
Analytes	PQL	Results	Results	Results		
TPH GROs (C6 to C10)	50	ND	ND	ND		

Our Lab I.D.			196375	196376		
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.		
Surrogate Percent Recovery						
Bromofluorobenzene	70-120	96	100	102		
Dibromofluoromethane	70-120	99	95	97		
Toluene-d8	70-120	106	106	105		

QUALITY CONTROL REPORT

QC Batch No: 060807-1B

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Benzene	86	100	15.1	75-120	15					
Chlorobenzene	97	88	9.7	75-120	15					
1,1-Dichloroethene (1,1-Dichloroethylene)	114	104	9.2	75-120	15					
Toluene (Methyl benzene)	86	89	3.4	75-120	15					
Trichloroethene (TCE)	95	85	11.1	75-120	15					



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Project ID: 717-2

Project Name: Call Mac Transportation

ASL Job Number	Submitted	Client
34113	06/05/2007	EIS

Method: 8260B, Volatile Organic Compounds + Oxygenates

QC Batch No: 060807-1B

Our Lab I.D.		Method Blank	196375	196376		
Client Sample I.D.			WW-1	B-1		
Date Sampled			06/01/2007	06/01/2007		
Date Prepared		06/08/2007	06/08/2007	06/08/2007		
Preparation Method		5030B	5030B	5030B		
Date Analyzed		06/08/2007	06/08/2007	06/08/2007		
Matrix		Water	Water	Water		
Units		ug/L	ug/L	ug/L		
Dilution Factor		1	1	1		
Analytes	PQL	Results	Results	Results		
Acetone	5.00	ND	ND	ND		
Benzene	1.000	ND	ND	ND		
Bromobenzene (Phenyl bromide)	1.000	ND	ND	ND		
Bromochloromethane (Chlorobromomethane)	1.000	ND	ND	ND		
Bromodichloromethane (Dichlorobromomethane)	1.000	ND	ND	ND		
Bromoform (Tribromomethane)	5.000	ND	ND	ND		
Bromomethane (Methyl bromide)	3.000	ND	ND	ND		
2-Butanone (MEK, Methyl ethyl ketone)	5.00	ND	ND	ND		
n-Butylbenzene	1.000	ND	ND	ND		
sec-Butylbenzene	1.000	ND	ND	ND		
tert-Butylbenzene	1.000	ND	ND	ND		
Carbon disulfide	1.000	ND	ND	ND		
Carbon tetrachloride (Tetrachloromethane)	1.000	ND	ND	ND		
Chlorobenzene	1.000	ND	ND	ND		
Chloroethane	3.000	ND	ND	ND		
2-Chloroethyl vinyl ether	5.000	ND	ND	ND		
Chloroform (Trichloromethane)	1.000	ND	ND	ND		
Chloromethane (Methyl chloride)	3.000	ND	ND	ND		
4-Chlorotoluene (p-Chlorotoluene)	1.000	ND	ND	ND		
2-Chlorotoluene (o-Chlorotoluene)	1.000	ND	ND	ND		
DIPE	2.000	ND	ND	ND		
1,2-Dibromo-3-chloropropane (DBCP)	5.000	ND	ND	ND		
Dibromochloromethane	1.000	ND	ND	ND		
1,2-Dibromoethane (EDB, Ethylene dibromide)	1.000	ND	ND	ND		
Dibromomethane	1.000	ND	ND	ND		
1,2-Dichlorobenzene (o-Dichlorobenzene)	1.000	ND	ND	ND		
1,3-Dichlorobenzene (m-Dichlorobenzene)	1.000	ND	ND	ND		
1,4-Dichlorobenzene (p-Dichlorobenzene)	1.000	ND	ND	ND		



ANALYTICAL RESULTS

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Project ID: 717-2
 Project Name: Call Mac Transportation

ASL Job Number	Submitted	Client
34113	06/05/2007	EIS

Method: 8260B, Volatile Organic Compounds + Oxygenates

QC Batch No: 060807-1B

Our Lab I.D.		Method Blank	196375	196376		
Client Sample I.D.			WW-1	B-1		
Date Sampled			06/01/2007	06/01/2007		
Date Prepared		06/08/2007	06/08/2007	06/08/2007		
Preparation Method		5030B	5030B	5030B		
Date Analyzed		06/08/2007	06/08/2007	06/08/2007		
Matrix		Water	Water	Water		
Units		ug/L	ug/L	ug/L		
Dilution Factor		1	1	1		
Analytes	PQL	Results	Results	Results		
Dichlorodifluoromethane	3.000	ND	ND	ND		
1,1-Dichloroethane	1.000	ND	ND	ND		
1,2-Dichloroethane	1.000	ND	ND	ND		
1,1-Dichloroethene (1,1-Dichloroethylene)	1.000	ND	ND	ND		
cis-1,2-Dichloroethene	1.000	ND	ND	ND		
trans-1,2-Dichloroethene	1.000	ND	ND	ND		
1,2-Dichloropropane	1.000	ND	ND	ND		
1,3-Dichloropropane	1.000	ND	ND	ND		
2,2-Dichloropropane	1.000	ND	ND	ND		
1,1-Dichloropropene	1.000	ND	ND	ND		
trans-1,3-Dichloropropene	1.000	ND	ND	ND		
cis-1,3-Dichloropropene	1.000	ND	ND	ND		
ETBE	2.000	ND	ND	ND		
Ethylbenzene	1.000	ND	ND	ND		
Hexachlorobutadiene (1,3-Hexachlorobutadiene)	3.000	ND	ND	ND		
2-Hexanone	5.000	ND	ND	ND		
Isopropylbenzene	1.000	ND	ND	ND		
p-Isopropyltoluene (4-Isopropyltoluene)	1.000	ND	ND	ND		
MTBE	2.000	ND	ND	ND		
4-Methyl-2-pentanone (MIBK, Methyl isobutyl ketone)	5.00	ND	ND	ND		
Methylene chloride (Dichloromethane, DCM)	5.00	ND	ND	ND		
Naphthalene	1.000	ND	ND	ND		
n-Propylbenzene	1.000	ND	ND	ND		
TAME	2.000	ND	ND	ND		
Styrene	1.000	ND	ND	ND		
TBA	10.00	ND	ND	ND		
1,1,1,2-Tetrachloroethane	1.000	ND	ND	ND		
1,1,2,2-Tetrachloroethane	1.000	ND	ND	ND		
Tetrachloroethene (Tetrachloroethylene)	1.000	ND	ND	ND		
Toluene (Methyl benzene)	1.000	ND	ND	ND		
1,2,3-Trichlorobenzene	1.000	ND	ND	ND		
1,2,4-Trichlorobenzene	1.000	ND	ND	ND		
1,1,1-Trichloroethane	1.000	ND	ND	ND		
1,1,2-Trichloroethane	1.000	ND	ND	ND		
Trichloroethene (TCE)	1.000	ND	ND	ND		



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ANALYTICAL RESULTS

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Project ID: 717-2
 Project Name: Call Mac Transportation

ASL Job Number	Submitted	Client
34113	06/05/2007	EIS

Method: 8260B, Volatile Organic Compounds + Oxygenates

QC Batch No: 060807-1B

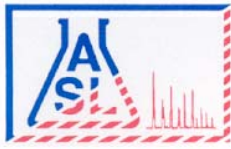
Our Lab I.D.		Method Blank	196375	196376		
Client Sample I.D.			WW-1	B-1		
Date Sampled			06/01/2007	06/01/2007		
Date Prepared		06/08/2007	06/08/2007	06/08/2007		
Preparation Method		5030B	5030B	5030B		
Date Analyzed		06/08/2007	06/08/2007	06/08/2007		
Matrix		Water	Water	Water		
Units		ug/L	ug/L	ug/L		
Dilution Factor		1	1	1		
Analytes	PQL	Results	Results	Results		
Trichlorofluoromethane	1.000	ND	ND	ND		
1,2,3-Trichloropropane	1.000	ND	ND	ND		
1,2,4-Trimethylbenzene	1.000	ND	ND	ND		
1,3,5-Trimethylbenzene	1.000	ND	ND	ND		
Vinyl acetate	5.00	ND	ND	ND		
Vinyl chloride (Chloroethene)	3.000	ND	ND	ND		
o-Xylene	1.000	ND	ND	ND		
m- & p-Xylenes	2.000	ND	ND	ND		

Our Lab I.D.			196375	196376		
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.		
Surrogate Percent Recovery						
Bromofluorobenzene	70-120	96	100	102		
Dibromofluoromethane	70-120	99	95	97		
Toluene-d8	70-120	106	106	105		

QUALITY CONTROL REPORT

QC Batch No: 060807-1B

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Benzene	86	100	15.1	75-120	15					
Chlorobenzene	97	88	9.7	75-120	15					
1,1-Dichloroethene (1,1-Dichloroethylene)	114	104	9.2	75-120	15					
MTBE	81	83	2.4	75-120	15					
Toluene (Methyl benzene)	86	89	3.4	75-120	15					
Trichloroethene (TCE)	95	85	11.1	75-120	15					



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ANALYTICAL RESULTS

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Telephone: (408)395-7674

Attn: Peter Littman

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Project ID: 717-2

Project Name: Call Mac Transportation

ASL Job Number	Submitted	Client
34113	06/05/2007	EIS

Method: 6010B/7470A, CCR Title 22 Metals (TTLC)

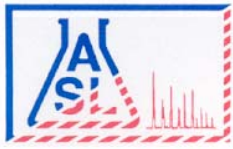
QC Batch No: 061207-3

Our Lab I.D.		Method Blank	196375	196376		
Client Sample I.D.			WW-1	B-1		
Date Sampled			06/01/2007	06/01/2007		
Date Prepared		06/11/2007	06/11/2007	06/11/2007		
Preparation Method		3010A	3010A	3010A		
Date Analyzed		06/11/2007	06/11/2007	06/11/2007		
Matrix		Water	Water	Water		
Units		mg/L	mg/L	mg/L		
Dilution Factor		1	1	1		
Analytes	PQL	Results	Results	Results		
AA Metals						
Mercury	0.002	ND	ND	ND		
ICP Metals						
Antimony	0.010	ND	ND	ND		
Arsenic	0.010	ND	ND	ND		
Barium	0.010	ND	0.108	0.183		
Beryllium	0.0050	ND	ND	ND		
Cadmium	0.0050	ND	ND	ND		
Chromium	0.010	ND	ND	0.028		
Cobalt	0.010	ND	ND	ND		
Copper	0.010	ND	ND	ND		
Lead	0.005	ND	ND	ND		
Molybdenum	0.010	ND	ND	0.020		
Nickel	0.010	ND	ND	ND		
Selenium	0.010	ND	0.021	0.020		
Silver	0.010	ND	ND	ND		
Thallium	0.010	ND	ND	ND		
Vanadium	0.010	ND	ND	ND		
Zinc	0.010	ND	0.032	ND		

QUALITY CONTROL REPORT

QC Batch No: 061207-3

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit				
AA Metals									
Mercury	91	100	9.4	80-120	20				
ICP Metals									
Antimony	99	96	3.1	80-120	20				



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ANALYTICAL RESULTS

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Project ID: 717-2

Project Name: Call Mac Transportation

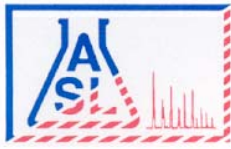
ASL Job Number	Submitted	Client
34113	06/05/2007	EIS

Method: 6010B/7470A, CCR Title 22 Metals (TTLC)

QUALITY CONTROL REPORT

QC Batch No: 061207-3

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
ICP Metals										
Arsenic	101	99	2.0	80-120	20					
Barium	103	100	3.0	80-120	20					
Beryllium	105	100	4.9	80-120	20					
Cadmium	101	98	3.0	80-120	20					
Chromium	102	96	6.1	80-120	20					
Cobalt	107	103	3.8	80-120	20					
Copper	103	100	3.0	80-120	20					
Lead	106	102	3.8	80-120	20					
Molybdenum	103	101	2.0	80-120	20					
Nickel	108	104	3.8	80-120	20					
Selenium	101	98	3.0	80-120	20					
Silver	96	92	4.3	80-120	20					
Thallium	102	99	3.0	80-120	20					
Vanadium	101	94	7.2	80-120	20					
Zinc	106	110	3.7	80-120	20					



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ANALYTICAL RESULTS

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Project ID: 717-2

Project Name: Call Mac Transportation

ASL Job Number	Submitted	Client
34113	06/05/2007	EIS

Method: 6010B/7471A, CCR Title 22 Metals (TTLIC)

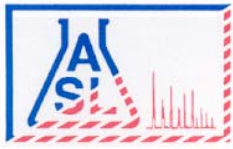
QC Batch No: 061207-3

Our Lab I.D.		Method Blank	196377	196378	196379
Client Sample I.D.			B-1, 4.5-5.0	B-1, 10.5-11.0	B-1, 24.5-25.0
Date Sampled			06/01/2007	06/01/2007	06/01/2007
Date Prepared		06/11/2007	06/11/2007	06/11/2007	06/11/2007
Preparation Method		3050B	3050B	3050B	3050B
Date Analyzed		06/12/2007	06/12/2007	06/12/2007	06/12/2007
Matrix		Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor		1	1	1	1
Analytes	PQL	Results	Results	Results	Results
AA Metals					
Mercury	0.20	ND	ND	ND	ND
ICP Metals					
Antimony	0.50	ND	1.03	0.53	0.85
Arsenic	0.25	ND	5.43	3.66	4.65
Barium	0.50	ND	208	106	89.6
Beryllium	0.50	ND	ND	ND	ND
Cadmium	0.50	ND	ND	ND	ND
Chromium	0.50	ND	25.9	18.7	21.0
Cobalt	0.50	ND	8.33	9.21	9.22
Copper	0.50	ND	13.9	11.5	16.7
Lead	0.25	ND	4.17	4.85	4.40
Molybdenum	0.50	ND	ND	ND	ND
Nickel	0.50	ND	35.8	36.1	33.5
Selenium	0.50	ND	0.65	0.77	1.05
Silver	0.50	ND	ND	ND	ND
Thallium	0.50	ND	ND	ND	ND
Vanadium	0.50	ND	31.7	23.3	28.5
Zinc	0.50	ND	35.6	31.4	33.1

QUALITY CONTROL REPORT

QC Batch No: 061207-3

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
AA Metals					
Mercury	101	91	10.4	80-120	<20
ICP Metals					



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ANALYTICAL RESULTS

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Project ID: 717-2

Project Name: Call Mac Transportation

ASL Job Number	Submitted	Client
34113	06/05/2007	EIS

Method: 6010B/7471A, CCR Title 22 Metals (TTLC)

QUALITY CONTROL REPORT

QC Batch No: 061207-3

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
ICP Metals										
Antimony	100	99	1.0	80-120	<20					
Arsenic	102	102	<1	80-120	<20					
Barium	105	103	1.9	80-120	<20					
Beryllium	106	105	<1	80-120	<20					
Cadmium	102	101	<1	80-120	<20					
Chromium	103	102	<1	80-120	<20					
Cobalt	107	107	<1	80-120	<20					
Copper	104	102	1.9	80-120	<20					
Lead	106	106	<1	80-120	<20					
Molybdenum	105	103	1.9	80-120	<20					
Nickel	109	108	<1	80-120	<20					
Selenium	101	101	<1	80-120	<20					
Silver	100	96	4.1	80-120	<20					
Thallium	103	102	<1	80-120	<20					
Vanadium	105	101	3.9	80-120	<20					
Zinc	111	106	4.6	80-120	<20					