A·C·C ENVIRONMENTAL CONSULTANTS
An Employee Owned Company

May 29, 2009

Mr. Paresh Khatri
Hazardous Materials Specialties
Environmental Health Services
Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

RE: Phase II Environmental Site Assessment (ESA) Report/UST Closure
3761 Park Boulevard Way, Oakland, California
Project Number 6783-013.01

Dear Mr. Khatri:

ACC Environmental Consultants (ACC) is submitting this information summary and request for closure for the above-referenced site on behalf of EAH Housing Inc. This summary discusses the findings from prior investigations performed on site and evaluation for site closure in accordance with Appendix B of the Tri-Regional Guidelines.

If you have any questions regarding the report, please contact me at (510) 638-8400, ext. 110 or email me at jsiudyla@accenv.com.

Sincerely,

Julia Siudyla
Project Geologist

Enclosures

A·C·C ENVIRONMENTAL CONSULTANTS

An Employee Owned Company

UST Closure Report

3761 Park Boulevard Way
Oakland, California

ACC Project Number: 6783-001.01

Prepared for:

EAH Housing Inc.
2169 East Francisco Boulevard, Suite B
San Rafael, California 94901

May 29, 2009

Prepared by: _____

Julia Siudyla
Project Geologist

Reviewed by: _____

Misty C. Kaltreider, PG 7016, CEG 2466
Engineering Geologist

PROFESSIONAL GEOLOGIST
MISTY C. KALTREIDER
NO. 2466
CERTIFIED ENGINEERING GEOLOGIST
STATE OF CALIFORNIA

Northern California: 7977 Capwell Drive, Suite 100 • Oakland, CA 94621 • (510) 638-8400 • Fax (510) 638-8404
Southern California: 1541 Wilshire Blvd., Suite 516, Los Angeles, CA 90017 • (213) 353-1240 • Fax (213) 353-1244

TABLE OF CONTENTS Page

TABLES

FIGURES

APPENDICES

UST Closure Report
3761 Park Boulevard Way
Oakland, California

1.0 INTRODUCTION

At the request of the EAH Housing, Inc, ACC Environmental Consultants (ACC) has prepared this UST Closure Report summarizing subsurface investigation work performed at 3761 Park Boulevard Way, Oakland, California (Site). The primary goals of this investigation and report were to identify the extent of soil and groundwater impact related to the former underground storage tank (UST) at 3761 Park Boulevard Way, Oakland, California (Figure 1, Location Map) and evaluate the site for closure and no further action.

2.0 SITE BACKGROUND

The Site is located at 3761 Park Boulevard Way in Oakland, California. The Site is comprised of an approximately 0.6-acre parcel located on the northeast side of Park Boulevard Way. The subject property is developed with a five story, u-shaped building comprising 70,000-square feet of multi-tenant apartments. The building consists of 84 one-bedroom apartments, and several common areas and two passenger elevators. The building has been improved with carpet, vinyl floor tiles, ceramic tile, acoustical ceiling tiles, baseboard, and gypsum wallboard. The building also has a ground level parking garage located below the southeastern portion of the building.

The subject property is known to be a historical gas station. The historical resources utilized in the Phase I ESA (EDR City Directories and the historical Sanborn maps) indicated that the subject property was occupied by a former gas station (Ritchey's Union Service Station and Earl's Union 76) from approximately 1950-1970. Figure 2 illustrates the approximate locations of the former station buildings with respect to the existing structures. No information pertaining to the former gas station on the subject property was obtained from the City of Oakland Fire Department, the California EPA-Regional Water Quality Control Board, the California EPA-Department of Toxic Substance Control, Region 2 or Alameda County Environmental Health. The presence of a former gas station on the subject property is interpreted to be a recognized environmental condition. Further investigation was deemed warranted.

Land use in the immediate site vicinity is predominantly residential with some commercial properties to the south of the subject property along Park Boulevard. Topography in the site vicinity is sloping to the north-northeast. Groundwater was found at an average of 50 to 60 feet below grade (fbg).

2.1 Previous Site Investigation/Phase II ESA

November 17, 2008 - ACC conducted a ground penetrating radar survey of the site to determine if a UST was present at the Site. The GPR survey did not identify or locate any USTs in the area of the subject property which likely to contain the former UST.

December 2, 2008 - Four exploratory soil borings were advanced at representative locations. Each soil boring was continuously cored to facilitate logging and screening of soils and to obtain soil sample intervals for potential laboratory analysis. Two soil samples were collected from soil boring SB-1, SB-2, and SB-4. No soil samples were collected from soil boring SB-3; refusal was encountered at 2.5 feet below ground surface (bgs) in this soil boring. Each of the two soil samples were from each soil boring location were composited for analysis. Three composite soil samples were analyzed for TPHg, benzene, toluene, ethylbenzene, xylenes and MTBE by EPA Method 8260B, and TEPH as diesel and motor oil by EPA Method 8015M. A summary of the results is presented in Table 1, attached.

December 22, 2008 - Seven (7) exploratory soil borings were advanced at select locations. Each soil boring was continuously cored to maximum depths of 20 to 25 feet bgs to facilitate logging and screening encountered soils and to obtain soil sample intervals for potential laboratory analysis. Due to the physical limiting conditions (height restrictions which precluded the use of a truck mounted drilling rig in the garage area, limited access to the courtyard and dense clay soils) continuous coring below 25 feet bgs was not feasible. One grab water sample was collected from SB-5 (completed outside of the existing structure). Select soil samples from each boring and the grab water sample were submitted for analysis of TPHg, benzene, toluene, ethylbenzene, xylenes and MTBE by EPA Method 8260B and TEPH as diesel and motor oil by EPA Method 8015M. A summary of the results is presented in Table 1, attached.

Based on the analytical results from this sampling event, only TPHd the shallow soil sample from SB-6 collected at 4-5 feet bgs and the grab water sample collected from SB-5 reported detectable concentrations slightly above the respective ESLs .

All Previous sample locations are provided on Figure 2- Sample Location Map

3.0 FIELD PROCEDURES MAY 14 and 15, 2009

3.1 Soil Borings

On May 14 and 15, 2009, ACC's Staff Geologist, Julia Siudyla, performed six (6) additional soil borings in an effort further characterize the extent of soil impact and to determine if groundwater at the site is impacted. The subsurface materials in the soil borings were identified and classified.

Prior to conducting all invasive work, ACC contacted Underground Service Alert, an underground utility locator, to mark all utilities at the subject property.

Four soil borings (SB-12, SB-13, SB-14, and SB-15) were completed to approximately 60-77 feet below ground surface (bgs) using a Portable Sampling Rig equipped with 3-inch hollow stem augers. Select depth intervals were collected from the soil cuttings and logged using the Unified Soil Classification System, field screened with a PID meter, and prepared for analysis. Soil intervals saved for analysis were immediately placed in stainless steel sampling tubes, covered each end with polyethylene sheeting and tight-fitting plastic caps, labeled, placed in resealable plastic bags, and placed in a pre-chilled insulated container and prepared for transport and analysis using standard chain of

custody protocol. Soil samples collected for analysis were sealed and cooled as soon as feasible to minimize potential volatilization. All samples were stored in a locked vehicle or in direct observation at all times.

Two (2) soil borings (SB-2A and SB-6A) were conducted to a max depth of 15 feet bgs using a truck-mounted Geoprobe® rig. These soil borings were continuously cored using a pneumatic Geoprobe® sampling tool. The soil were collected in Geoprobe® stainless steel macro cores equipped with Geoprobe®-supplied, 2.0 inch by 48.0 inch long disposable clear acetate liners. Select depth intervals were collected from the 4-foot-long acetate liners and the soils were logged using the Unified Soil Classification System, field screened using a PID meter or prepared for analysis. Soil intervals saved for analysis were immediately placed in stainless steel sampling tubes, with polyethylene sheeting and tight-fitting plastic caps, labeled, placed in resealable plastic bags, and placed in a pre-chilled insulated container and prepared for transport and analysis using standard chain of custody protocol. Soil samples collected for analysis were sealed and cooled as soon as feasible to minimize potential volatilization. All samples were in a locked vehicle or in direct observation at all times. The sampling probe and rods were pre-cleaned prior to use and between sample drives by washing them with a trisodium phosphate and potable water solution and two potable water rinses.

Each of the soil samples was analyze for lead scavengers (ethylene dichloride (EDC) and ethylene dibromide (EDB)) by EPA Method 8260B, organic lead, and LUFT 5 Metals by EPA Method 6010B.

Following drilling and sample collection, each soil boring location was abandoned with neat cement to the surface (2 to 3 inches). The surface of each boring location was completed with concrete to grade.

3.2 Grab Groundwater Sampling

Grab groundwater samples were collected with the use of a PVC schedule 40, 1-inch or 2-inch, temporary monitoring wells. Each soil boring will be conducted to the respective depth of interest (50 feet bgs or five feet below the first depth in which groundwater was encountered) and the temporary monitoring points were set with a 5-foot long screen that was exposed to the formation. Grab water samples were collected using low-flow, low-turbidity techniques. Samples collected for metal analysis were field filtered using 0.45 micron filters. The amount of sediment and turbidity observed in the water samples was noted on field logs. Grab groundwater samples were collected into laboratory-supplied 40-milliliter sample vials without headspace, and1 liter amber bottles, labeled and immediately sealed and cooled to minimize potential volatilization.

All samples collected were stored in a pre-chilled, insulated container pending ACC transport to TestAmerica, a state-certified analytical laboratory. Every effort will be made to minimize disturbance of the groundwater samples prior to placement in the sample containers and maintaining the samples at four degrees Celsius prior to analysis.

3.1 Soil Vapor Sampling

At each of the four soil vapor sampling points a 1- to 1.25-inch hole was drilled to 3 to 4 inches into the sub slab material beneath the building foundation and or the rat proofing material in the crawl space

areas using an electric hand drill, and 0.25-inch vapor points consisting of polyethylene tubing with a permeable probe tip were installed in the cored holes. A Teflon™ disk was used to seal the joint between the tubing and the probe tip. The probe tip as covered with sand and hydrated bentonite chips will be used to seal the annular air space between the probe tip and the bottom of the building foundation.

Prior to sampling, each soil vapor point was allowed to equilibrate for a minimum of 30 minutes. During sample collection at each sampling point, ACC purged vapor from the tubing, probe tip, and sand pack within the soil gas probe. Each sample point will be purged for 30 seconds prior to sampling.

At the completion of purging, ACC collected the soil vapor samples by opening the vapor-tight valve on the Summa canister and allowing the canister to fill with extracted soil vapor. ACC recorded the vacuum at the time the valve is opened and monitor and recorded the vacuum during sample collection. ACC utilized 100% tetrafluoroethane at each sample location as the leak detector tracer gas. ACC ended sample collection when the vacuum within the sample canister is approximately 5 inches of Hg. All soil vapor sample containers were labeled and stored at ambient temperature in laboratory-supplied containers. All Soil Vapor Samples were submitted to Torrent Laboratories for volatile organic compound analysis (VOCs) via EPA method TO-15 Analysis.

Upon completion of the sampling program, all borings were grouted and sealed with concrete to match its original condition.

Subslab sampling was conducted following guidance criteria: for the *Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air* (Interim Final), published by the Department of Toxic Substance Control of the California Environmental Protection Agency (December 15, 2004, revised February 7, 2005) (DTSC 2005) and *Advisory-Active Soil Gas Investigations*, jointly issued by the Department of Toxic Substances Control of the California Environmental Protection Agency and the California Regional Water Quality Control Board, Los Angeles Region (CRWQCB-LA, 2003).

4.0 FINDINGS

4.1 Subsurface Conditions-Soil Borings/Sampling and Grab Groundwater Sampling

Soil boring SB-2A was conducted in what was identified to be the southwestern side of the former tank location. This soil boring was conducted to a maximum depth of 15 feet bgs. Soil in this boring was mostly comprised of clay with sand and slightly to moderately plastic clay. Visual (staining and discoloration) and olfactory evidence (gasoline odor) of residual contaminants was evident in this soil boring from approximately 5 to 12 feet bgs. The PID reading was 75 ppmv at 9 to 10 feet bgs. Two soil samples (SB-2A (3-3.5) and SB-2A (14-15)) were collected and submitted to the laboratory for analysis of lead scavengers (ethylene dicholoride (EDC) and ethylene dibromide (EDB)) by EPA Method 8260B, organic lead, and LUFT 5 Metals by EPA Method 6010B. Groundwater was not encountered in this soil boring and thus was not sampled.

Soil boring SB-6A was conducted in what was identified to be the northeastern side of the former tank location and completed to a maximum depth of 15 feet bgs. Soil in this boring was mostly comprised of

clay with sand and slightly to moderately plastic clay. However, a zone of fine to medium grained sand was observed from approximately 5 to 9 feet bgs. Visual (staining and discoloration) and olfactory evidence (gasoline odor) was evident in this soil boring from approximately 5 to 9 feet bgs. The PID reading was 138 ppmv at approximately 4 to 5 feet bgs and 224 ppmv at 9 to 10 feet bgs. Two soil samples (SB-6A (3-4) and SB-6A (14-15)) were collected and submitted to the laboratory for analysis of lead scavengers (ethylene dicholoride (EDC) and ethylene dibromide (EDB)) by EPA Method 8260B, organic lead, and LUFT 5 Metals by EPA Method 6010B. Groundwater was not encountered in this soil boring and thus was not sampled.

Soil boring SB-12 was conducted to the south of the former UST location, in a presumed up gradient location (based on topography). his soil boring was conducted to a maximum depth of 56 bgs. Soil in this boring was mostly comprised of clay with sand and slightly to moderately plastic clay with some limited fine to medium grained sand and silts. No evidence of impact was observed in any of the soil from this boring. No detectable PID readings were observed. Two soil samples were collected from this soil boring, SB-12 (11-12) and SB-12 (28-29). The two soil samples (SB-12 (11-12) and SB-12 (28-29)) were submitted to the laboratory for analysis of lead scavengers (ethylene dichloride (EDC) and ethylene dibromide (EDB)) by EPA Method 8260B, organic lead, and LUFT 5 Metals by EPA Method 6010B. Groundwater was encountered at 50 feet bgs in this soil boring and was sampled. The groundwater sample (SB-12) was submitted to the laboratory for analysis of TPHg, BTEX, MTBE, lead scavengers (ethylene dichloride (EDC) and ethylene dibromide (EDB)) and naphthalene by EPA Method 8260B, TEPH by EPA Method 8015M, organic lead, and LUFT 5 Metals by EPA Method 8260B.

Soil boring SB-13 was conducted to the north of the former UST basin, in a presumed down gradient location (based on topography). This soil boring was conducted to a maximum depth of 66 feet bgs. Soil in this boring was mostly comprised of clay with sand and slightly to moderately plastic clay. No evidence of impact was observed in any of the soil from this boring. No detectable PID readings were observed. Three soil samples were collected from this soil boring, SB-13 (8-9), SB-13 (30-31) and SB-13 (38-39). The three soil samples (SB-13 (8-9), SB-13 (30-31) and SB-13 (38-39)) were submitted to the laboratory for analysis of lead scavengers (ethylene dichloride (EDC) and ethylene dibromide (EDB)) by EPA Method 8260B, organic lead, and LUFT 5 Metals by EPA Method 6010B. Groundwater was encountered at 60 feet bgs in this soil boring and was sampled. The groundwater sample (SB-13) was submitted to the laboratory for analysis of TPHg, BTEX, MTBE, lead scavengers (ethylene dichloride (EDC) and ethylene dibromide (EDB)) and naphthalene by EPA Method 8260B, TEPH by EPA Method 8015M, organic lead, and LUFT 5 Metals by EPA Method 8260B.

Soil boring SB-14 was conducted in the vicinity of the former dispenser island/pump location and in the side gradient location (west) of the UST basin. This soil boring was conducted to a maximum depth of 60 feet bgs. This soil boring was mostly comprised of clay with sand and slightly to moderately plastic clay. Visual (staining and discoloration) and olfactory evidence (gasoline odor) was evident in this soil boring from approximately 5 to 9 feet bgs. The PID reading was 58 ppmv at 9 to 10 feet bgs. Three soil samples were collected from this soil boring, SB-14 (9-10), SB-14 (29-30) and SB-14 (50-51). The three soil samples (SB-14 (9-10), SB-14 (29-30) and SB-14 (50-51)) were submitted to the laboratory for analysis of lead scavengers (ethylene dichloride (EDC) and ethylene dibromide (EDB)) by EPA Method 8260B, organic lead, and LUFT 5 Metals by EPA Method 6010B. Groundwater was

encountered at 55 feet bgs in this soil boring and was sampled. The groundwater sample (SB-14) was submitted to the laboratory for analysis of TPHg, BTEX, MTBE, lead scavengers (ethylene dichloride (EDC) and ethylene dibromide (EDB)) and naphthalene by EPA Method 8260B , TEPH by EPA Method 8015M, organic lead, and LUFT 5 Metals by EPA Method 8260B.

Soil boring SB-15 was conducted to the northeast of the former UST basin, in a presumed side gradient location (based on topography). This soil boring was conducted to a maximum depth of 67 feet bgs. Soil in this boring was mostly comprised of clay with sand and slightly to moderately plastic clay. Visual (staining and discoloration) and olfactory evidence (gasoline odor) was evident in this soil boring from approximately 4 to 14 feet bgs. The PID reading was 186 ppmv at 9 to 10 feet bgs. Two soil samples were collected from this soil boring, SB-15 (9-10) and SB-15 (28-30). The two soil samples (SB-15 (9-10) and SB-15 (28-30)) were submitted to the laboratory for analysis of lead scavengers (ethylene dichloride (EDC) and ethylene dibromide (EDB)) by EPA Method 8260B, organic lead, and LUFT 5 Metals by EPA Method 6010B. Groundwater was encountered at 60 feet bgs in this soil boring and was sampled. The groundwater sample (SB-15) was submitted to the laboratory for analysis of TPHg, BTEX, MTBE, lead scavengers (ethylene dichloride (EDC) and ethylene dibromide (EDB)) by EPA Method 8260B, TEPH by EPA Method 8015M, organic lead, and LUFT 5 Metals by EPA Method 8260B.

Due to the very high turbidity of all of the groundwater samples ACC collected unpreserved 1-liter amber containers for lab filtration for the metals analysis. The 0.45 micron filter used removes sediment larger than fine sand, but still allows colloidal fractions to pass into the sample. Therefore silt and clay-size suspended sediment within the samples could influence the sample results.

Figure 4 depicts cross sections of the soil lithology and analytical results from specific soil boring locations. As depicted in the cross sections, fine-grain soils consisting of moderately plastic clay (CH) and clay with sand (CL) were encountered to the total depth of investigation (70 feet bgs). Low to no detectable petroleum hydrocarbon were reported in the laboratory samples from the soil collected beyond the former UST excavation. Based on the soil types encountered and the laboratory results, the low residual impact in the soil remains in the former UST area. This area is limited in lateral and vertical extent. Groundwater was encountered at 50 – 60 feet bgs within clay soil and stabilized up to 30 feet bgs under confined conditions. No petroleum hydrocarbons above ESL were reported in the soil samples collected within the fine-grain soil below 10 feet bgs.

4.2 Subsurface Conditions-Soil Vapor Sampling

Soil vapor sample SV-1 was collected from the center of the UST basin. Soil vapor sample SV-2 was collected to the northeastern side of the UST basin inside the garage. Soil vapor sample SV-3 was collected to the north of the UST basin in a crawl space area under the subject building. Soil vapor sample SV-4 was collected to the northeast of the UST basin. All four soil vapor samples were submitted for the analysis of VOCs by EPA method TO-15.

4.3 Analytical Results

- All soil samples collected were all non-detect for lead scavengers (ethylene dichloride (EDC) and ethylene dibromide (EDB)) and Cadmium.

- All soil samples collected had minor detections of Chromium, Nickel, Lead and Zinc. However, all of the detection of these metals were below their respective environmental screening level (ESLs) for deep soils and residential land use.

- In the groundwater samples (SB-12, SB-13, SB-14 and SB-15) TPH as diesel was detected at 240 µg/L, 260 µg/L, 65 ug/L, and 290 µg/L respectively. All of the groundwater samples, with the exception of SB-14, exceed the ESLs for TPH-d for drinking water sources and non-drinking water sources.

- Naphthalene was not detected in the groundwater samples SB-12, SB-13, or SB-14. Naphthalene was unable to be analyzed in groundwater sample SB-15 due to the fact that not enough sample media remained for anaylsis.

- In the groundwater samples TEPH as Motor Oil was detected in borings SB-12, SB-13, SB-14 and SB-15 at 820 µg/L, 790 µg/L, <300 µg/L, and 970 µg/L respectively. All of the groundwater samples exceed the ESLs for TEPH as Motor Oil for drinking water sources and non-drinking water sources.

- All soil vapor samples collected (SV-1, SV-2, SV-3, and SV-4) were non-detect for all VOCs.

Based on the analytical results discussed above the only samples with constituents detected above their respective ESLs are groundwater samples SB-12, SB-13, SB-14, and SB-15. The levels detected only slightly exceed their respective ESLs.

The soil and groundwater analytical data is summarized on Table 1, attached.

Figure 3 provides an Analytical Sample Location Map.

5.0 Site Summary

Soil Lithology: Subsurface sediments at the site consist clay with sand and slightly to moderately plastic clay to the explored depth of 67 feet bgs. The extent of soil impact is isolated to shallow soils (7 ft bgs) in the immediate vicinity of the UST basin and in the immediate vicinity of the former dispensers. The soil impact dissipates quickly beyond the former UST and dispenser island.

Hydrogeology: Groundwater samples were collected in December 2008 (SB-5) and in May 2009 (SB-12, SB-13, SB-14, and SB-15). Groundwater is encountered at approximately 50 to 60 feet bgs and stabilized between 35 to 38 feet bgs under confined conditions. Groundwater gradient and flow direction is presumed to flow to the north based on site topography, but has not been physically confirmed. Grab water samples collected from the boring were reported to be impacted by residual fuel constituents (TPHg and TPHg), however, the concentrations were minor. The extent of groundwater impact is not

defined. A total of five grab groundwater samples have been collected to date at the site. The low residual concentrations reported in the groundwater were similar in concentration at all five boring locations. The groundwater samples were collected in temporary monitoring points, which were installed through the open boreholes. All five of the grab groundwater samples were reported to be highly turbid and groundwater occurs under confined conditions (enc @ 65-70 feet bgs and stabilized up to 30 feet). This indicates that the slightly elevated results in the groundwater may be more of the sampling and drilling technique and represent concentrations in the sediment in the turbid samples verses illustrating an impact in the groundwater; especially since an area of higher concentration or "clear hotspot" was not indicated in the results and that the sample locations were between 30 to 60 feet apart laterally. Therefore, it appears that the historical release from this site does not pose an impact to water quality, human health, or the environment nor is it likely to pose a threat in the future.

Nearby Water Wells: Based on information obtained from the EDR Environmental Database obtained in October of 2008 as a part of the Phase I ESA for the subject property there is one well located within a mile of the subject property. The approximate location of this well is illustrated on the Vicinity Map, Figure 1. No water supply wells were identified in the presumed down gradient (north) location of the site. No municipal water supply wells were identified by EDR within 2,000 feet of the site. ACC has requested additional well information from the California Department of Water Resources, but has not received this information at this time.

***Onsite Wells*:** There are no onsite wells located at the subject property.

***Surface Water*:** Sausal Creek is located over 2,000 feet to the southeast of the subject property. Groundwater flow is presumed to the north (based on site topography) at the site. Due to the distance from this site to this creek, surface water is not likely impacted.

LOW-RISK GROUNDWATER CASE CRITERIA

The site appears to meet the Regional Water Quality Control Board criteria for a low-risk fuel site. As described in the October 10, 1996 *Appendix B* of the *Tri-Regional Board Staff Recommendations for Preliminary Investigation and Evaluation of Underground Storage Tank Sites,* a low-risk groundwater case has the following general characteristics:

- Constituents remaining in the vadose zone must not reverse or threaten to reverse the mass reduction rate of groundwater pollutants.

- Separate-phase product has been removed to the extent practicable.

- No existing water supply well, deeper aquifers, surface water or other receptors are threatened by pollutants remaining in the aquifer.

- The total pollutant mass remaining in the groundwater is decreasing at predicted rates and

neither creates a risk to human health and safety or future beneficial uses(s) of the aquifer.

Each of the low-risk groundwater case characteristics, as they relate to the site, is discussed below. The completed *Appendix B Checklist* is included in Appendix A.

Contaminants remaining in the vadose zone must not reverse or threaten to reverse the mass reduction rate of groundwater pollutants: The site is currently a residential apartment complex and has not been used as a service station since the 1960s. All source materials including tanks, piping, and dispensers have been removed. To make site improvements for the existing garage and parking, the top 5-8 feet of soil was removed. Laboratory results of soil samples collected on site reported low to below detectable concentrations of petroleum hydrocarbons. The extent of soil impact is isolated to shallow soils (7 ft bgs) in the immediate vicinity of the former UST basin and in the immediate vicinity of the former dispensers. The soil impact dissipates quickly beyond the former UST and dispenser island and with depth.

Separate-Phase product has been removed to the extent practicable: No evidence of separate-phase hydrocarbons was observed during, sampling, or drilling; nor do dissolved hydrocarbon concentrations indicate the presence of separate-phase hydrocarbons.

No existing water supply well, deeper aquifers, surface water or other receptors are threatened by pollutants remaining in the aquifer: Based on information obtained from the EDR Environmental Database obtained in October of 2008 as a part of the Phase I ESA for the subject property there is one well located within a mile of the subject property. The approximate location of this well is illustrated on the Vicinity Map, Figure 1. No water supply wells were identified in the presumed down gradient (north) location of the site. No municipal water supply wells were identified by EDR within 2,000 feet of the site. ACC has requested additional well information from the California Department of Water Resources, but has not received this information at this time.

The total pollutant mass remaining in the groundwater is decreasing at predicted rates and neither creates a risk to human health and safety or future beneficial uses(s) of the aquifer: The extent of soil impact has been defined and limited to the site boundaries. The extent of groundwater impact is not defined. A total of five grab groundwater samples have been collected to date at the site. The low residual concentrations reported in the groundwater were similar in concentration at all five boring locations. The groundwater samples were collected in temporary monitoring wells, which were installed through the open boreholes. All five of the grab groundwater samples were reported to be highly turbid and groundwater occurs under confined conditions (enc @ 65-70 feet bgs and stabilized up to 30 feet). This indicates that the slightly elevated results in the groundwater may be more of the sampling and drilling technique verses illustrating an impact in the groundwater especially since a "clear hotspot" was not indicated in the results and that the sample locations were between 30 to 60 feet apart. Therefore, it appears that the historical release from this site does not pose a threat to water quality, human health, or the environment nor is it likely to pose a threat in the future.

6.0 CONCLUSIONS

Based on sample analytical results and field observations, ACC has concluded the following:

- The residual concentrations reported in the soil samples indicate that the impact is limited to the upper 4 to 7 feet below existing grade around the reported location of the former UST(s) and appears to be degraded due to lack of reportable volatile component (BTEX) in the samples.

- Low to no detectable petroleum hydrocarbons were reported in the laboratory samples from the soil collected beyond the former UST excavation. Based on the soil types encountered and the laboratory results, the low residual impact in the soil remains in the former UST area. This area is limited in lateral and vertical extent. Groundwater was encountered at 50 – 60 feet bgs within clay soil and stabilized up to 30 feet bgs under confined conditions. No petroleum hydrocarbons above ESL were reported in the soil samples collected within the fine-grain soil below 10 feet bgs.

- The fine-grain soil observed in the borings likely limited the lateral and vertical extent of the release; whereas, no concentrations above ESLs were reported in the fine-grain soil below 15 feet bgs and concentrations in the grab water samples are only slightly above the ESLs for residential usage. Since the residual concentrations are highly weathered and limited in lateral and vertical extent, natural degradation should continue without additional investigation or remediation.

- Based on the analytical results from the field investigations conducted at the subject property a potential vapor intrusion condition does not exist at the Site.

- No further work is recommended for this site.

- Information summarized in this report should be forwarded by the current property owner to Alameda County Environmental Health.

Based on the work conducted to date and our review of the site conditions, it is our opinion that the site meets the San Francisco Bay Area RWQCB definition of a low-risk site and that additional characterization or monitoring is not warranted. The site should be closed from further assessment.

7.0 RECOMMENDATIONS

Based on conclusions of this investigation, ACC recommends the following:

- No further work is recommended for this site.

- Information summarized in this report should be forwarded by the current property owner to Alameda County Environmental Health for evaluation and site closure.

8.0 LIMITATIONS

The service performed by ACC has been conducted in a manner consistent with the levels of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the area. No other warranty, expressed or implied, is made.

The conclusions presented in this report are professional opinions based on the indicated data described in this report and applicable regulations and guidelines currently in place. They are intended only for the purpose, site, and project indicated. Opinions and recommendations presented herein apply to site conditions existing at the time of our study.

ACC has included analytical results from a state-certified laboratory, which performs analyses according to procedures suggested by the U.S. Environmental Protection Agency and the State of California. ACC is not responsible for laboratory errors in procedure or result reporting.

TABLE 1
Soil and Groundwater Analytical Summary Table
3761 Park Boulevard Way
ACC Project Number: 6783-013.01

Boring ID & Depth (feet bgs)	Sampling Date	Matrix	Constituents & Concentrations															
			TPHg	TEPH-d	TEPH-mo	MTBE	Benzene	Toluene	Ethylbenzene	Xylene	Naphthalene	1,2, Dichloroethane	Ethylene Dibromide (1,2-Dibromoethane)	Cadmium	Chromium	Nickel	Lead	Zinc
SB-1 - (6.5-7.0) & (17-18)	2-Dec-08	Soil (mg/kg)	**260**	34	55	< 0.98	**< 0.98**	< 0.98	**4.7**	8.5		0.98	0.98	NA	NA	NA	NA	NA
SB-1- (6.5-7.0)	2-Dec-08	Soil (mg/kg)	**380**	NA	NA	NA	**<2.2**	NA	**6.7**	NA		<2.2	<2.2	NA	NA	NA	NA	NA
SB-1- (17-18)	2-Dec-08	Soil (mg/kg)	1.4	NA	NA	NA	<0.0049	NA	<0.0049	NA		<0.0049	<0.0049	NA	NA	NA	NA	NA
SB-2 - (5-6) & (9.5-10.5)	2-Dec-08	Soil (mg/kg)	**280**	90	340	< 0.98	**< 0.98**	< 0.98	< 0.98	< 2.0		0.98	0.98	NA	NA	NA	NA	NA
SB-2 - (5-6)	2-Dec-08	Soil (mg/kg)	**290**	NA	NA	NA	**< 0.94**	NA	NA	NA		0.94	0.94	NA	NA	NA	NA	NA
SB-2 - (9.5-10.5)	2-Dec-08	Soil (mg/kg)	5.7	NA	NA	NA	<0.024	NA	NA	NA		0.24	0.24	NA	NA	NA	NA	NA
SB-2A (3.0-3.5)	15-May-09	Soil (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0044	<0.0044	<0.49	26	24	6.2	27
SB-2A (14-15)	15-May-09	Soil (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0045	<0.0045	<0.52	26	30	9.6	38
SB-4 - (4-5) & (10-12)	2-Dec-08	Soil (mg/kg)	0.33	73	**550**	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	0.005	0.005	NA	NA	NA	NA	NA
SB-4 - (4-5)	2-Dec-08	Soil (mg/kg)	NA	NA	NA	NA	< 0.0048	< 0.0048	< 0.0048	<0.0095	NA	0.0048	0.0048	NA	NA	NA	NA	NA
SB-4 - (10-12)	2-Dec-08	Soil (mg/kg)	NA	NA	NA	NA	< 0.0046	< 0.0046	< 0.0046	<0.0093	NA	0.0046	0.0046	NA	NA	NA	NA	NA
SB-5 (15-16)	22-Dec-08	Soil (mg/kg)	< 0.24	< 0.98	< 49	< 0.0047	< 0.0047	< 0.0047	< 0.0047	< 0.0094	NA	0.0047	0.0047	NA	NA	NA	NA	NA
SB-5 (19-20)	22-Dec-08	Soil (mg/kg)	< 0.25	1.4	< 50	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.010	NA	0.0050	0.0050	NA	NA	NA	NA	NA
SB-6 (4-5)	22-Dec-08	Soil (mg/kg)	8.1	**110**	340	< 0.025	< 0.025	< 0.025	< 0.025	< 0.049	NA	0.0250	0.0250	NA	NA	NA	NA	NA
SB-6 (19-20)	22-Dec-08	Soil (mg/kg)	< 0.24	< 0.98	< 49	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.0098	NA	0.0049	0.0049	NA	NA	NA	NA	NA
SB-6A (3-4)	15-May-09	Soil (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0049	<0.0049	<0.48	31	24	34	49
SB-6A (14-15)	15-May-09	Soil (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0046	<0.0046	<0.49	39	28	3.8	28
SB-7 (9-10)	22-Dec-08	Soil (mg/kg)	< 0.25	3.2	< 49	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.010	NA	0.0050	0.0050	NA	NA	NA	NA	NA
SB-7 (23-24)	22-Dec-08	Soil (mg/kg)	< 0.23	< 1.0	< 50	< 0.0047	< 0.0047	< 0.0047	< 0.0047	< 0.0093	NA	0.0050	0.0050	NA	NA	NA	NA	NA
SB-8 (5-6)	22-Dec-08	Soil (mg/kg)	< 0.24	< 0.99	< 50	<0.0048	< 0.0048	< 0.0048	< 0.0048	<0.0095	NA	0.0047	0.0047	NA	NA	NA	NA	NA
SB-8 (24-25)	22-Dec-08	Soil (mg/kg)	0.25	< 0.98	< 49	< 0.0047	< 0.0047	< 0.0047	< 0.0047	< 0.0094	NA	0.0048	0.0048	NA	NA	NA	NA	NA
SB-9 (3-4)	22-Dec-08	Soil (mg/kg)	< 0.24	< 1.0	< 50	< 0.0047	< 0.0047	< 0.0047	< 0.0047	< 0.0094	NA	0.0047	0.0047	NA	NA	NA	NA	NA
SB-9 (15-16)	22-Dec-08	Soil (mg/kg)	< 0.24	< 0.99	< 50	<0.0048	< 0.0048	< 0.0048	< 0.0048	<0.0095	NA	0.0048	0.0048	NA	NA	NA	NA	NA
SB-10 (7-8)	22-Dec-08	Soil (mg/kg)	< 0.25	< 0.99	< 50	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.0099	NA	0.0049	0.0049	NA	NA	NA	NA	NA
SB-10 (15-16)	22-Dec-08	Soil (mg/kg)	0.69	5.9	52	< 0.0047	< 0.0047	< 0.0047	< 0.0047	< 0.0094	NA	0.0047	0.0047	NA	NA	NA	NA	NA
SB-11 (7-8)	22-Dec-08	Soil (mg/kg)	< 0.24	48	53	<0.0048	< 0.0048	< 0.0048	< 0.0048	<0.0097	NA	0.0048	0.0048	NA	NA	NA	NA	NA
SB-11 (15-16)	22-Dec-08	Soil (mg/kg)	< 0.24	< 0.99	< 50	<0.0048	< 0.0048	< 0.0048	< 0.0048	<0.0097	NA	0.0048	0.0048	NA	NA	NA	NA	NA
SB-12 (11-12)	15-May-09	Soil (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0042	<0.0042	<0.51	26	36	4.7	24
SB-12 (26-28)	15-May-09	Soil (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0042	<0.0042	<0.53	30	31	12	57
SB-13 (8-9)	15-May-09	Soil (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0044	<0.0044	<0.52	27	34	9.7	30
SB-13 (30-31)	15-May-09	Soil (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0047	<0.0047	<0.48	37	37	9.4	33
SB-13 (38-39)	15-May-09	Soil (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0045	<0.0045	<0.50	50	48	4.6	32
SB-14 (8-9)	15-May-09	Soil (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0049	<0.0049	<0.51	29	33	6.2	27
SB-14 (29-30)	15-May-09	Soil (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0046	<0.0046	<0.51	31	42	5.4	30
SB-14 (50-51)	15-May-09	Soil (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0046	<0.0046	<0.49	32	41	5.1	31
SB-15 (9-10)	15-May-09	Soil (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0049	<0.0049	<0.49	33	41	16	37
SB-15 (28-30)	15-May-09	Soil (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0048	<0.0048	<0.48	38	5	936	37
SB-5 (Water)	22-Dec-08	Water (ug/L)	< 50	**220**	**< 500**	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	NA	0.5000	0.5000	NA	NA	NA	NA	NA
SB-12 (Water)	15-May-09	Water (ug/L)	<50	**240**	**820**	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.0031	0.015	0.057	<0.0055	<0.047
SB-13 (Water)	15-May-09	Water (ug/L)	<50	**260**	**790**	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.0031	<0.0085	0.012	<0.0055	<0.047
SB-14 (Water)	15-May-09	Water (ug/L)	<50	65	**<300**	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.0031	<0.0085	0.019	<0.0055	<0.047
SB-15 (Water)	15-May-09	Water (ug/L)	<50	**290**	**970**	<0.50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<0.50	<0.0031	<0.0085	<0.0075	<0.0055	<0.047
****ESLs - Residential (unrestricted site usage)**	**Shallow Soil (≤ 3 m)**	**Soil (mg/kg)**	**100**	**100**	**370**	**8.4**	**0.12**	**9.3**	**2.3**	**11**	**1.3**	**0.0045**	**0.0003**	**1.7**	750	**150**	**200**	**600**
	Deep Soil (>3 m)	**Soil (mg/kg)**	**180**	**180**	**5000**	**8.4**	**2**	**9.3**	**4.7**	**11**	**3.4**	**0.45**	**0.0003**	**39.0**	2500	**260**	**750**	**2500**
****ESLs - Commercial site usage**	**Shallow Soil (≤ 3 m)**	**Soil (mg/kg)**	**180**	**180**	**2500**	**8.4**	**0.270**	**9.3**	**4.7**	**11**	**2.8**	**0.0045**	**0.0003**	**7.4**	750	**150**	**750**	**600**
	Deep Soil (>3 m)	**Soil (mg/kg)**	**180**	**180**	**5000**	**8.4**	**2.0**	**9.3**	**4.7**	**11**	**3.4**	**0.45**	**0.0003**	**39.0**	5000	**260**	**750**	**5000**
****ESLs - Non Drinking Water Source**		**Water (µg/l)**	**210**	**210**	**210**	**1800**	**46**	**130**	**43**	**100**	**24**	**2.00**	**0.0500**	**9.3**	**180**	**8.2**	**2.5**	**81**
****ESLs - Drinking Water Source**		**Water (µg/l)**	**100**	**100**	**100**	**5**	**1**	**40**	**30**	**20**	**17**	**0.50**	**0.0500**	**0.3**	**50**	**8.2**	**2.5**	**81**

Notes

***ESLs = Bay Area Regional Water Quality Control Board Environmental Screening Levels (Interim Final May 2008), where groundwater is NOT a source of Drinking Water*

NA= Not Analyzed

Bolded and Highlighted Values Exceed Their Respective ESLs

Bolded Values Exceed Their Respective Laboratory Reporting Limits

DRAFT

TABLE 2
Summary of Soil Vapor Sampling Event (May 15, 2009)
3761 Park Boulevard Way,
Oakland, CA
May 2009
ACC Project Number: 6783.013.03

Boring ID & Depth (feet bgs)	Sampling Date	Matrix	Constituents & Concentrations (Soil Vapor Sample Concentrations in ug/m3)															
			1,1- Dichloroethene	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Difluoroethane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromoethane (Ethylene Dibromide)	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Butadiene
SV-1	5/15/09	Soil Gas ug/m3	<2.0	<3.4	<2.7	<3.4	<2.7	<2.0	<27	<3.6	<2.5	<3.8	<3.0	<2.0	<2.3	<2.5	<4.4
SV-2	5/15/09	Soil Gas ug/m3	<2.0	<3.4	<2.7	<3.4	<2.7	<2.0	<27	<3.6	<2.5	<3.8	<3.0	<2.0	<2.3	<2.5	<4.4
SV-3	5/15/09	Soil Gas ug/m3	<2.0	<3.4	<2.7	<3.4	<2.7	<2.0	<27	<3.6	<2.5	<3.8	<3.0	<2.0	<2.3	<2.5	<4.4
SV-4	5/15/09	Soil Gas ug/m3	<2.0	<3.4	<2.7	<3.4	<2.7	<2.0	<27	<3.6	<2.5	<3.8	<3.0	<2.0	<2.3	<2.5	<4.4
****ESLs - Soil Gas Residential Land Use**	**Residential Land Use**	**Soil (mg/kg3)**	**94**	**320**	**460000**	**42**	**150**	**1500**	**NO ESL**	**830**	**NO ESL**	**4.10**	**42000**	**94**	**240**	**NO ESL**	**NO ESL**
	Commercial Land Use	**Soil (mg/kg3)**	**310**	**1100**	**1300000**	**140**	**510**	**5100**	**NO ESL**	**2300**	**NO ESL**	**14**	**120000**	**310**	**820**	**NO ESL**	**NO ESL**

Notes

***ESLs = Bay Area Regional Water Quality Control Board Environmental Screening Levels (Interim Final May 2008)*
MEK = Methyl ethyl keton

DRAFT

TABLE 2
Summary of Soil Vapor Sampling Event (May 15, 2009)
3761 Park Boulevard Way,
Oakland, CA
May 2009
ACC Project Number: 6783.013.03

Boring ID & Depth (feet bgs)	Sampling Date	Matrix	Constituents & Concentrations (Soil Vapor Sample Concentrations in ug/m3)															
			1,3, Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane	2-Butanone (MEK)	2-Hexanone	4-Ethyl Toluene	4-Methyl-2-Pentanone (MIBK)	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene
SV-1	5/15/09	Soil Gas ug/m3	<3.0	<3.0	<1.8	<1.5	<2.0	<2.5	<2.0	<9.5	<1.6	<3.4	<5.2	<1.9	<1.6	<3.2	<2.3
SV-2	5/15/09	Soil Gas ug/m3	<3.0	<3.0	<1.8	<1.5	<2.0	<2.5	<2.0	<9.5	<1.6	<3.4	<5.2	<1.9	<1.6	<3.2	<2.3
SV-3	5/15/09	Soil Gas ug/m3	<3.0	<3.0	<1.8	<1.5	<2.0	<2.5	<2.0	<9.5	<1.6	<3.4	<5.2	<1.9	<1.6	<3.2	<2.3
SV-4	5/15/09	Soil Gas ug/m3	<3.0	<3.0	<1.8	<1.5	<2.0	<2.5	<2.0	<9.5	<1.6	<3.4	<5.2	<1.9	<1.6	<3.2	<2.3
****ESLs - Soil Gas Residential Land Use**	**Residential Land Use**	**Soil (mg/kg3)**	**22000**	**220**	**No ESL**	**No ESL**	**No ESL**	**No ESL**	**No ESL**	**660000**	**84**	**140**	**No ESL**	**1000**	**No ESL**	**19**	**210000.00**
	Commercial Land Use	**Soil (mg/kg3)**	**61000**	**740**	**No ESL**	**No ESL**	**No ESL**	**No ESL**	**No ESL**	**1800000**	**280**	**460**	**No ESL**	**2900**	**No ESL**	**63**	**580000.00**

Notes

***ESLs = Bay Area Regional Water Quality Control Board Environmental Screening Levels (Interim Final May 2008)*
MEK = Methyl ethyl keton

DRAFT

TABLE 2
Summary of Soil Vapor Sampling Event (May 15, 2009)
3761 Park Boulevard Way,
Oakland, CA
May 2009
ACC Project Number: 6783.013.03

Boring ID & Depth (feet bgs)	Sampling Date	Matrix	Constituents & Concentrations (Soil Vapor Sample Concentrations in ug/m3)														
			Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromochloromethane	Dichlorodifluoromethane	Disopropyl ether (DIPE)	Ethyl Acetaate	Ethyl Benzene	Ethyl tert-butyl ether (ETBE)	Freon 113	Hexachlorobutadiene	Hexane	Isopropanol
SV-1	5/15/09	Soil Gas ug/m3	<1.3	<2.4	<1.0	<2.0	<2.3	<4.3	<2.5	<2.1	<1.8	<2.2	<2.1	<3.8	<5.3	<14	<16
SV-2	5/15/09	Soil Gas ug/m3	<1.3	<2.4	<1.0	<2.0	<2.3	<4.3	<2.5	<2.1	<1.8	<2.2	<2.1	<3.8	<5.3	<14	<16
SV-3	5/15/09	Soil Gas ug/m3	<1.3	<2.4	<1.0	<2.0	<2.3	<4.3	<2.5	<2.1	<1.8	<2.2	<2.1	<3.8	<5.3	<14	<16
SV-4	5/15/09	Soil Gas ug/m3	<1.3	<2.4	<1.0	<2.0	<2.3	<4.3	<2.5	<2.1	<1.8	<2.2	<2.1	<3.8	<5.3	<14	<16
****ESLs - Soil Gas Residential Land Use**	**Residential Land Use**	**Soil (mg/kg3)**	**21000**	**460**	**19000**	**7300**	**No ESL**	**No ESL**	**No ESL**	**No ESL**	**No ESL**	**980**	**No ESL**	**No ESL**	**No ESL**	**No ESL**	**No ESL**
	Commercial Land Use	**Soil (mg/kg3)**	**58000**	**1500**	**53000**	**20000**	**No ESL**	**No ESL**	**No ESL**	**No ESL**	**No ESL**	**3300**	**No ESL**	**No ESL**	**No ESL**	**No ESL**	**No ESL**

Notes

***ESLs = Bay Area Regional Water Quality Control Board Environmental Screening Levels (Interim Final May 2008)*

MEK = Methyl ethyl keton

DRAFT

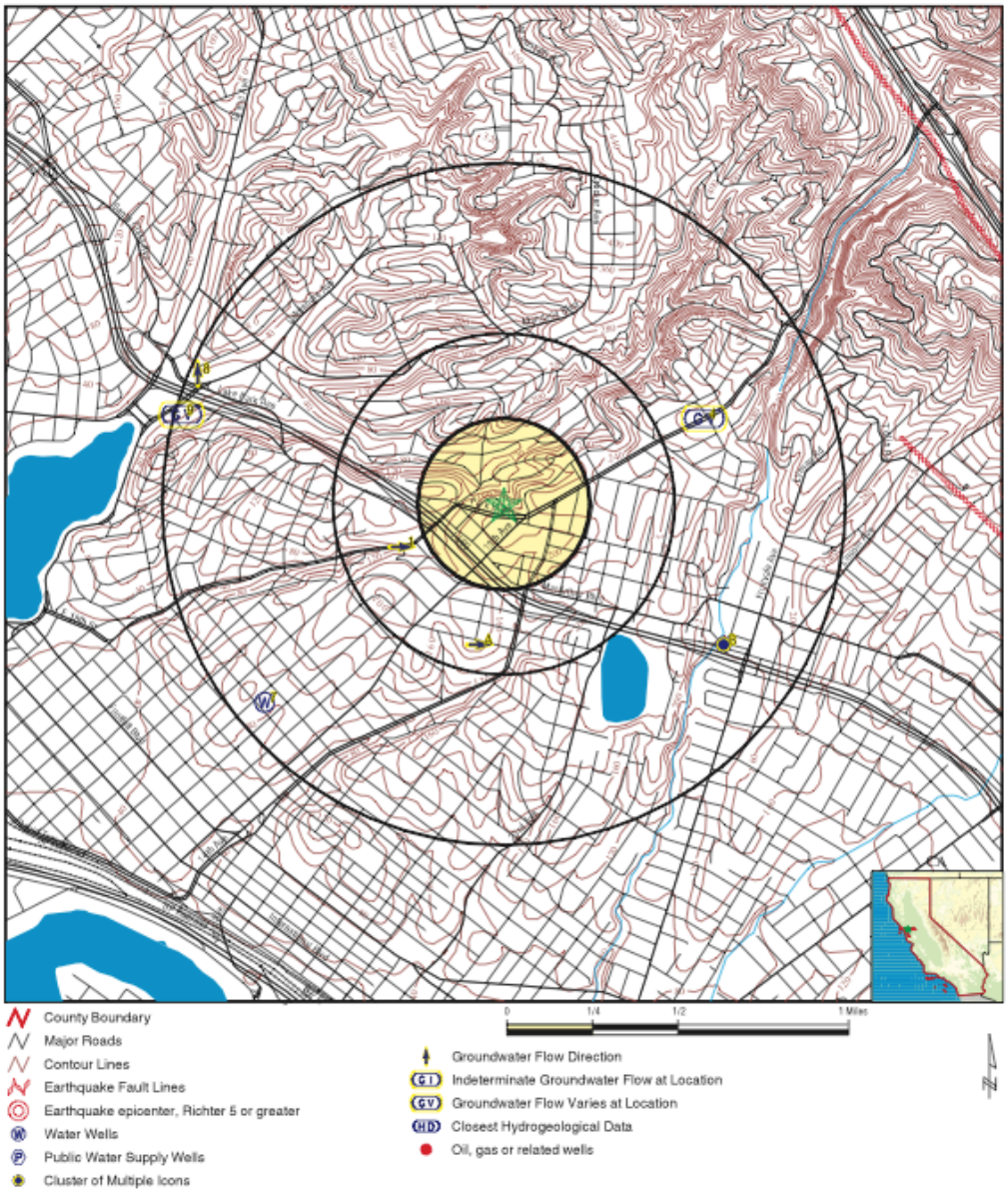
TABLE 2
Summary of Soil Vapor Sampling Event (May 15, 2009)
3761 Park Boulevard Way,
Oakland, CA
May 2009
ACC Project Number: 6783.013.03

Boring ID & Depth (feet bgs)	Sampling Date	Matrix	Constituents & Concentrations (Soil Vapor Sample Concentrations in ug/m3)															
			m,p-Xylene	Methylene Chloride	MTBE	Naphthalene	o-xylene	Styrene	t-Butyl aichol (t-Butanol)	tert-Amyl methyl ether (TAME)	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Tricholorfluoromethane	Vinyl Acetate	Vinyl Chloride
SV-1	5/15/09	Soil Gas ug/m3	<2.0	<3.6	<1.8	<2.6	<2.2	<2.1	<6.1	<2.1	<3.4	<1.9	<2.0	<2.7	<2.5	<1.8	<1.3
SV-2	5/15/09	Soil Gas ug/m3	<2.0	<3.6	<1.8	<2.6	<2.2	<2.1	<6.1	<2.1	<3.4	<1.9	<2.0	<2.7	<2.5	<1.8	<1.3
SV-3	5/15/09	Soil Gas ug/m3	<2.0	<3.6	<1.8	<2.6	<2.2	<2.1	<6.1	<2.1	<3.4	<1.9	<2.0	<2.7	<2.5	<1.8	<1.3
SV-4	5/15/09	Soil Gas ug/m3	<2.0	<3.6	<1.8	<2.6	<2.2	<2.1	<6.1	<2.1	<3.4	<1.9	<2.0	<2.7	<2.5	<1.8	<1.3
****ESLs - Soil Gas Residential Land Use**	**Residential Land Use**	**Soil (mg/kg3)**	**21000**	**5200**	**9400**	**72**	**21000**	**190000**	**No ESL**	**No ESL**	**410**	**66000**	**15000**	**1200**	**No ESL**	**No ESL**	**31**
	Commercial Land Use	**Soil (mg/kg3)**	**58000**	**17000**	**31000**	**240**	**58000**	**530000**	**No ESL**	**No ESL**	**1400**	**180000**	**41000**	**4100**	**No ESL**	**No ESL**	**100**

Notes

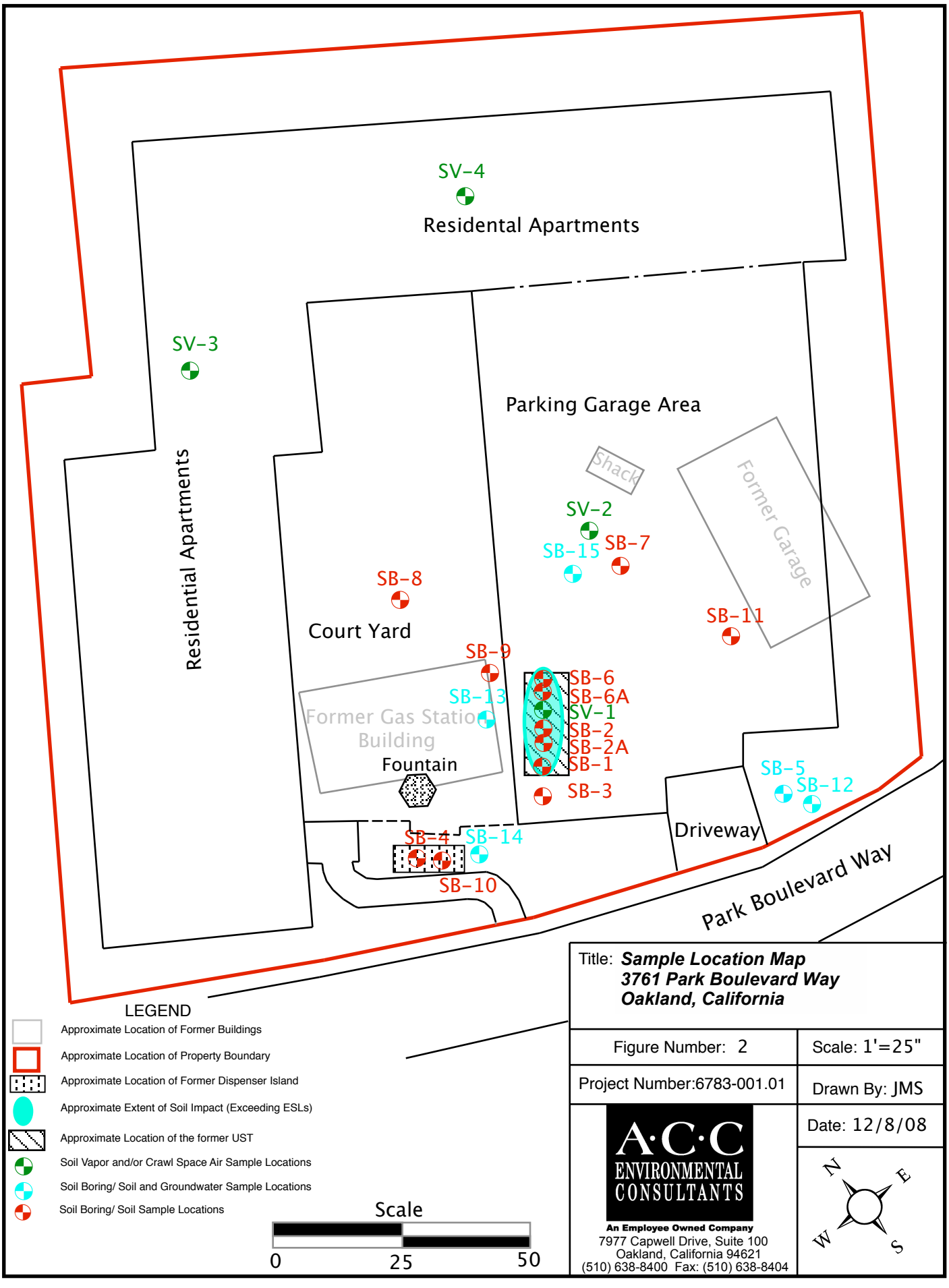
***ESLs = Bay Area Regional Water Quality Control Board Environmental Screening Levels (Interim Final May 2008)*

MEK = Methyl ethyl keton



Source: Environmental Data Resources

Title ***FIGURE 1- Location Map 3761 Park Boulevard Way Oakland, California***	
Figure Number: 1	Scale: None
Project Number: 6783-013.02	Drawn By: JMS
A·C·C ENVIRONMENTAL CONSULTANTS An Employee Owned Company	Date: 5/29/09
	N W E S

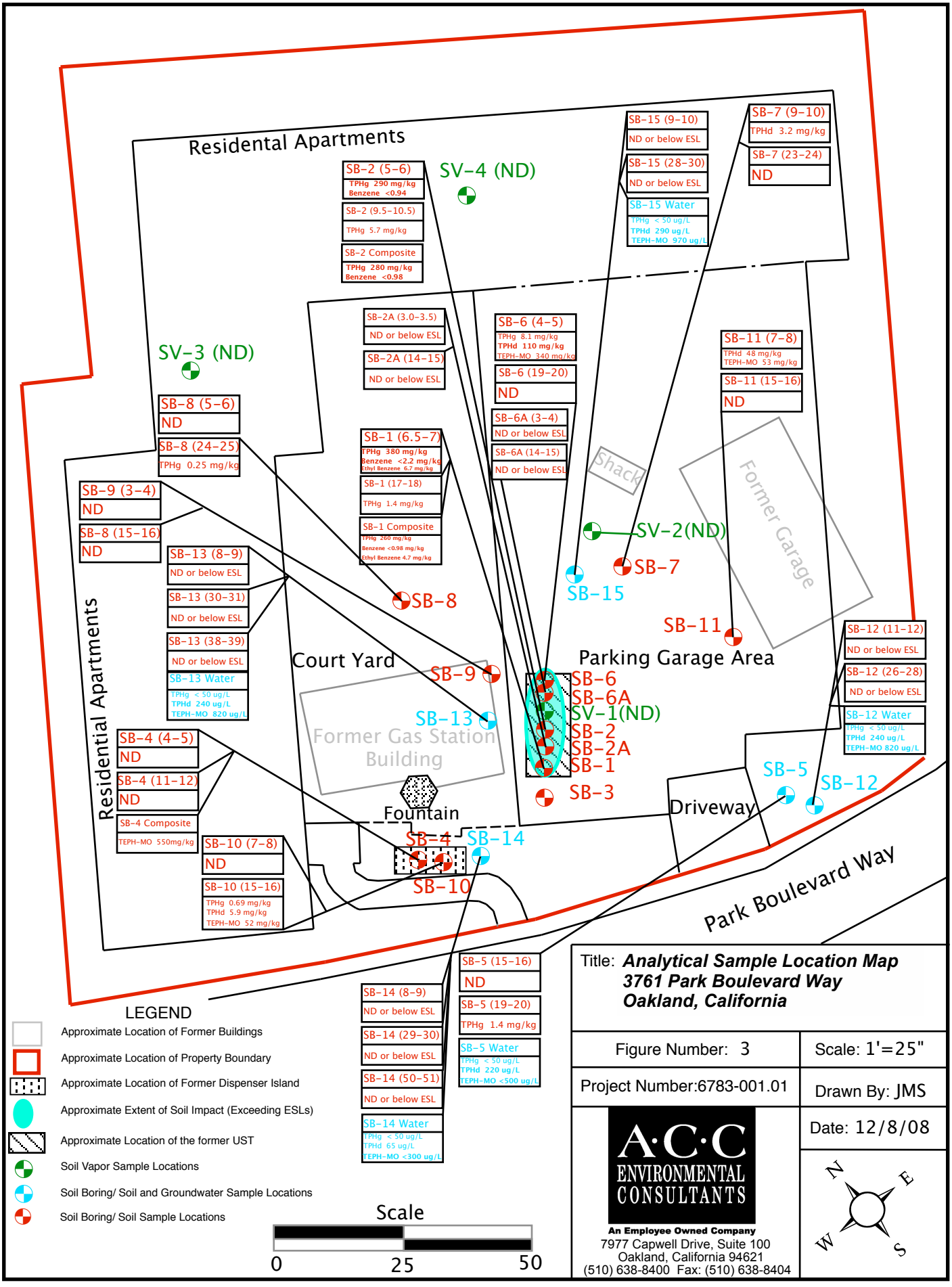


Title: ***Sample Location Map***
3761 Park Boulevard Way
Oakland, California

Figure Number: 2	Scale: 1"=25"
Project Number:6783-001.01	Drawn By: JMS
	Date: 12/8/08

A·C·C ENVIRONMENTAL CONSULTANTS
An Employee Owned Company
7977 Capwell Drive, Suite 100
Oakland, California 94621
(510) 638-8400 Fax: (510) 638-8404

N E S W

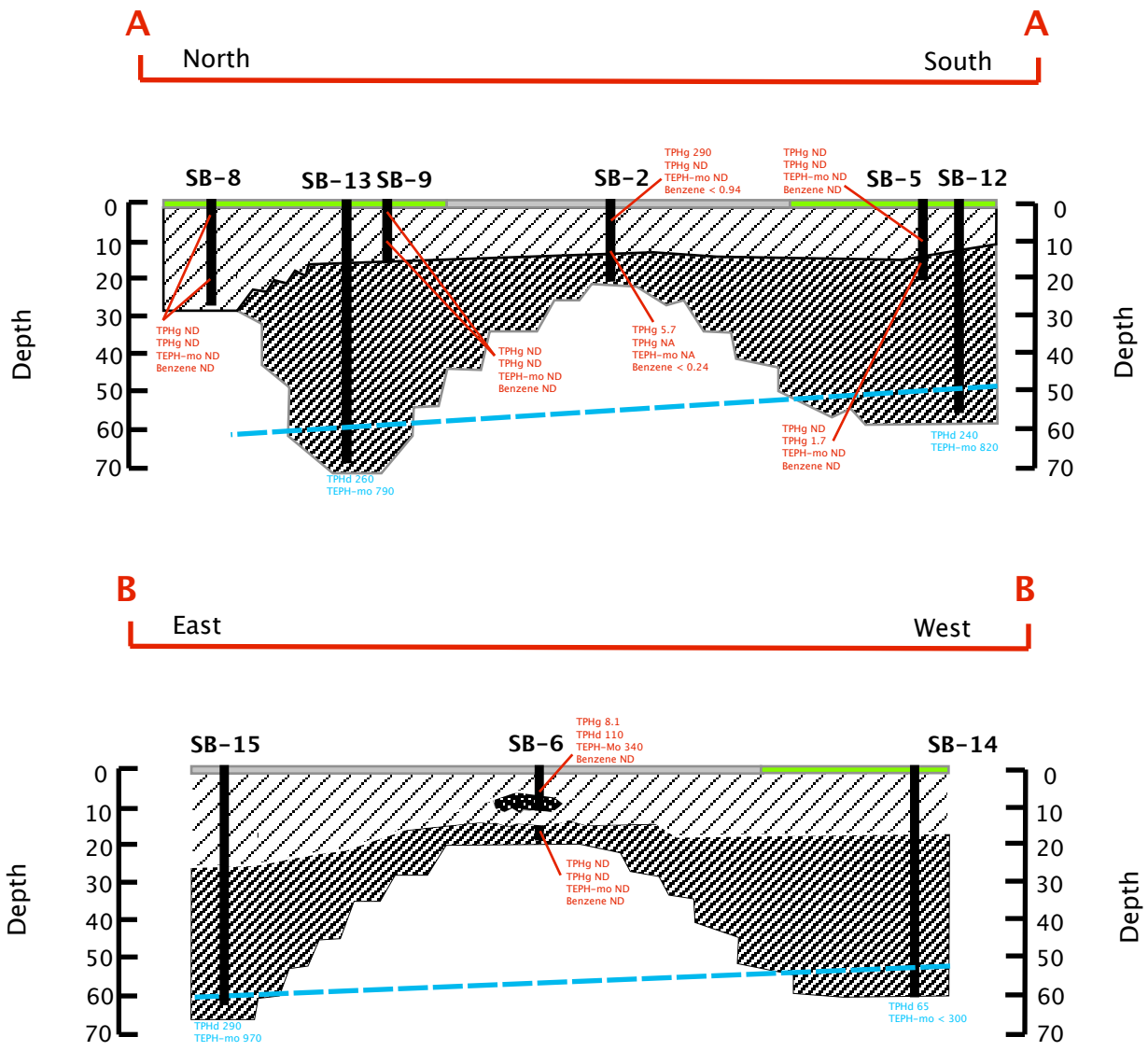


Title: ***Analytical Sample Location Map***
3761 Park Boulevard Way
Oakland, California

Figure Number: 3	Scale: 1"=25"
Project Number:6783-001.01	Drawn By: JMS
	Date: 12/8/08

A·C·C ENVIRONMENTAL CONSULTANTS
An Employee Owned Company
7977 Capwell Drive, Suite 100
Oakland, California 94621
(510) 638-8400 Fax: (510) 638-8404

N E W S



LEGEND

- Low Permeability Soils/ Clay with Sand (CL)
- Low Permeability Soils/ Clay (CH)
- Moderate to High Permeability Soils/Sand (SW)
- Depth of Groundwater
- Unpaved Surface
- Concrete Paved Garage Area
- TPHd 290 TEPH-mo 970 — Goundwater Analytical Results ug/L
- TPHd 290 Benzene < 0.94 — Soil Analytical Results mg/kg
- SB-6 — Soil Boring Identification
- Soil Boring Identification and Location

Scale

0 20 40

Title: ***Cross Sections A-A' and B-B'***
3761 Park Boulevard Way
Oakland, California

Figure Number: 4	Scale: 1'=20"
Project Number:6783-001.01	Drawn By: JMS
	Date: 12/8/08

A·C·C ENVIRONMENTAL CONSULTANTS
An Employee Owned Company
7977 Capwell Drive, Suite 100
Oakland, California 94621
(510) 638-8400 Fax: (510) 638-8404

N E S W

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 720-19895-1

Job Description: Park Village

For:
ACC Environmental Consultants
7977 Capwell Drive
Suite 100
Oakland, CA 94621

Attention: Julia Siudyla

Approved for release.
Dimple Sharma
Project Manager I
5/20/2009 3:15 PM

Dimple Sharma
Project Manager I
dimple.sharma@testamericainc.com
05/20/2009

Job Narrative
720-J19895-1

Comments
No additional comments.

Receipt
The following soil sample(s) were received at the laboratory outside the required temperature criteria: SB15(9-10), SB-15 (28-30), SB-13 (8-9), SB-13 (30-31), SB-13 (38-39).

The following sample(s) were collected in improper container, only received 1 amber 1L unpreserved for Organic Lead, and Dissolved Luft metals.

Bottle quantities received for the water samples are greater than listed on the COC's.

Samples C2-1 and C4-8 listed for both HOLD and analyses, were logged on HOLD.

All other samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC VOA
No analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: ACC Environmental Consultants Job Number: 720-19895-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-19895-1	**SB-2A (3-3.5)**				
Chromium		26	0.98	mg/Kg	6010B
Nickel		24	0.98	mg/Kg	6010B
Lead		6.2	0.98	mg/Kg	6010B
Zinc		27	0.98	mg/Kg	6010B
720-19895-2	**SB-2A (14-15)**				
Chromium		26	1.0	mg/Kg	6010B
Nickel		30	1.0	mg/Kg	6010B
Lead		9.6	1.0	mg/Kg	6010B
Zinc		38	1.0	mg/Kg	6010B
720-19895-3	**SB-6A (3-4)**				
Chromium		31	0.96	mg/Kg	6010B
Nickel		24	0.96	mg/Kg	6010B
Lead		34	0.96	mg/Kg	6010B
Zinc		49	0.96	mg/Kg	6010B
720-19895-4	**SB-6A (14-15)**				
Chromium		39	0.98	mg/Kg	6010B
Nickel		28	0.98	mg/Kg	6010B
Lead		3.8	0.98	mg/Kg	6010B
Zinc		28	0.98	mg/Kg	6010B
720-19895-5	**SB-15 (9-10)**				
Chromium		33	0.97	mg/Kg	6010B
Nickel		41	0.97	mg/Kg	6010B
Lead		16	0.97	mg/Kg	6010B
Zinc		37	0.97	mg/Kg	6010B
720-19895-6	**SB-15 (28-30)**				
Chromium		38	0.95	mg/Kg	6010B
Nickel		50	0.95	mg/Kg	6010B
Lead		9.6	0.95	mg/Kg	6010B
Zinc		37	0.95	mg/Kg	6010B

EXECUTIVE SUMMARY - Detections

Client: ACC Environmental Consultants Job Number: 720-19895-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-19895-7	**SB-13 (8-9)**				
Chromium		27	1.0	mg/Kg	6010B
Nickel		34	1.0	mg/Kg	6010B
Lead		9.7	1.0	mg/Kg	6010B
Zinc		30	1.0	mg/Kg	6010B
720-19895-8	**SB-13 (30-31)**				
Chromium		37	0.96	mg/Kg	6010B
Nickel		37	0.96	mg/Kg	6010B
Lead		9.4	0.96	mg/Kg	6010B
Zinc		33	0.96	mg/Kg	6010B
720-19895-9	**SB-13 (38-39)**				
Chromium		50	0.99	mg/Kg	6010B
Nickel		48	0.99	mg/Kg	6010B
Lead		4.6	0.99	mg/Kg	6010B
Zinc		32	0.99	mg/Kg	6010B
720-19895-10	**SB-13**				
Diesel Range Organics [C10-C28]		260	50	ug/L	8015B
Motor Oil Range Organics [C24-C36]		790	300	ug/L	8015B
Dissolved					
Nickel		0.012	0.0075	mg/L	6010B
720-19895-11	**SB-15**				
Diesel Range Organics [C10-C28]		290	50	ug/L	8015B
Motor Oil Range Organics [C24-C36]		970	300	ug/L	8015B

METHOD SUMMARY

Client: ACC Environmental Consultants Job Number: 720-19895-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL SF	SW846 8260B/CA_LUFTMS	
Purge and Trap	TAL SF		SW846 5030B
Metals (ICP)	TAL SF	SW846 6010B	
Preparation, Metals	TAL SF		SW846 3050B
General Sub Contract Method	TAL AUS	Subcontract	
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL SF	SW846 8260B/CA_LUFTMS	
Purge and Trap	TAL SF		SW846 5030B
Diesel Range Organics (DRO) (GC)	TAL SF	SW846 8015B	
Liquid-Liquid Extraction (Separatory Funnel)	TAL SF		SW846 3510C
Metals (ICP)	TAL SF	SW846 6010B	
Sample Filtration	TAL SF		FILTRATION
Preparation, Total Metals	TAL SF		SW846 3010A
Preparation, Soluble	TAL SF		Soluble Metals
General Sub Contract Method	TAL AUS	Subcontract	

Lab References:

TAL AUS = TestAmerica Austin

TAL SF = TestAmerica San Francisco

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: ACC Environmental Consultants Job Number: 720-19895-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-19895-1	SB-2A (3-3.5)	Solid	05/14/2009 1300	05/14/2009 1540
720-19895-2	SB-2A (14-15)	Solid	05/14/2009 1315	05/14/2009 1540
720-19895-3	SB-6A (3-4)	Solid	05/14/2009 1400	05/14/2009 1600
720-19895-4	SB-6A (14-15)	Solid	05/14/2009 1400	05/14/2009 1600
720-19895-5	SB-15 (9-10)	Solid	05/14/2009 1030	05/14/2009 1600
720-19895-6	SB-15 (28-30)	Solid	05/14/2009 0950	05/14/2009 1600
720-19895-7	SB-13 (8-9)	Solid	05/14/2009 0945	05/14/2009 1600
720-19895-8	SB-13 (30-31)	Solid	05/14/2009 1010	05/14/2009 1600
720-19895-9	SB-13 (38-39)	Solid	05/14/2009 1044	05/14/2009 1600
720-19895-10	SB-13	Water	05/14/2009 1230	05/14/2009 1600
720-19895-11	SB-15	Water	05/14/2009 1345	05/14/2009 1600

Client: ACC Environmental Consultants | Job Number: 720-19895-1

Client Sample ID: **SB-2A (3-3.5)**

Lab Sample ID: 720-19895-1
Client Matrix: Solid

Date Sampled: 05/14/2009 1300
Date Received: 05/14/2009 1540

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/15/2009 1444
Date Prepared: 05/15/2009 0800

Analysis Batch: 720-50420
Prep Batch: 720-50421

Instrument ID: Varian 3900A
Lab File ID: e:\data\2009\200905\05150
Initial Weight/Volume: 5.71 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0044
Ethylene Dibromide		ND		0.0044

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	95	74 - 118
1,2-Dichloroethane-d4 (Surr)	89	54 - 134

Client: ACC Environmental Consultants | Job Number: 720-19895-1

Client Sample ID: SB-2A (14-15)

Lab Sample ID: 720-19895-2 | Date Sampled: 05/14/2009 1315
Client Matrix: Solid | Date Received: 05/14/2009 1540

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method:	8260B/CA_LUFTMS	Analysis Batch: 720-50420	Instrument ID: Varian 3900A
Preparation:	5030B	Prep Batch: 720-50421	Lab File ID: e:\data\2009\200905\05150
Dilution:	1.0		Initial Weight/Volume: 5.53 g
Date Analyzed:	05/15/2009 1553		Final Weight/Volume: 10 mL
Date Prepared:	05/15/2009 0800		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0045
Ethylene Dibromide		ND		0.0045

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	101	74 - 118
1,2-Dichloroethane-d4 (Surr)	94	54 - 134

Client: ACC Environmental Consultants | Job Number: 720-19895-1

Client Sample ID: **SB-6A (3-4)**

Lab Sample ID: 720-19895-3 | Date Sampled: 05/14/2009 1400
Client Matrix: Solid | Date Received: 05/14/2009 1600

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS | Analysis Batch: 720-50420 | Instrument ID: Varian 3900A
Preparation: 5030B | Prep Batch: 720-50421 | Lab File ID: e:\data\2009\200905\05150
Dilution: 1.0 | Initial Weight/Volume: 5.15 g
Date Analyzed: 05/15/2009 1616 | Final Weight/Volume: 10 mL
Date Prepared: 05/15/2009 0800

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0049
Ethylene Dibromide		ND		0.0049

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	91	74 - 118
1,2-Dichloroethane-d4 (Surr)	96	54 - 134

Client: ACC Environmental Consultants | Job Number: 720-19895-1

Client Sample ID: **SB-6A (14-15)**

Lab Sample ID: 720-19895-4 | Date Sampled: 05/14/2009 1400
Client Matrix: Solid | Date Received: 05/14/2009 1600

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS | Analysis Batch: 720-50420 | Instrument ID: Varian 3900A
Preparation: 5030B | Prep Batch: 720-50421 | Lab File ID: e:\data\2009\200905\05150
Dilution: 1.0 | Initial Weight/Volume: 5.46 g
Date Analyzed: 05/15/2009 1639 | Final Weight/Volume: 10 mL
Date Prepared: 05/15/2009 0800

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0046
Ethylene Dibromide		ND		0.0046

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	99	74 - 118
1,2-Dichloroethane-d4 (Surr)	98	54 - 134

Client: ACC Environmental Consultants | Job Number: 720-19895-1

Client Sample ID: **SB-15 (9-10)**

Lab Sample ID: 720-19895-5 | Date Sampled: 05/14/2009 1030
Client Matrix: Solid | Date Received: 05/14/2009 1600

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS | Analysis Batch: 720-50420 | Instrument ID: Varian 3900A
Preparation: 5030B | Prep Batch: 720-50421 | Lab File ID: e:\data\2009\200905\05150
Dilution: 1.0 | Initial Weight/Volume: 5.13 g
Date Analyzed: 05/15/2009 1702 | Final Weight/Volume: 10 mL
Date Prepared: 05/15/2009 0800

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0049
Ethylene Dibromide		ND		0.0049

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	85	74 - 118
1,2-Dichloroethane-d4 (Surr)	113	54 - 134

Client: ACC Environmental Consultants | Job Number: 720-19895-1

Client Sample ID: **SB-15 (28-30)**

Lab Sample ID: 720-19895-6 | Date Sampled: 05/14/2009 0950
Client Matrix: Solid | Date Received: 05/14/2009 1600

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS | Analysis Batch: 720-50420 | Instrument ID: Varian 3900A
Preparation: 5030B | Prep Batch: 720-50421 | Lab File ID: e:\data\2009\200905\05150
Dilution: 1.0 | Initial Weight/Volume: 5.18 g
Date Analyzed: 05/15/2009 1725 | Final Weight/Volume: 10 mL
Date Prepared: 05/15/2009 0800

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0048
Ethylene Dibromide		ND		0.0048

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	95	74 - 118
1,2-Dichloroethane-d4 (Surr)	109	54 - 134

Client: ACC Environmental Consultants | Job Number: 720-19895-1

Client Sample ID: **SB-13 (8-9)**

Lab Sample ID: 720-19895-7 | Date Sampled: 05/14/2009 0945
Client Matrix: Solid | Date Received: 05/14/2009 1600

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method:	8260B/CA_LUFTMS	Analysis Batch: 720-50420	Instrument ID: Varian 3900A
Preparation:	5030B	Prep Batch: 720-50421	Lab File ID: e:\data\2009\200905\05150
Dilution:	1.0		Initial Weight/Volume: 5.65 g
Date Analyzed:	05/15/2009 1748		Final Weight/Volume: 10 mL
Date Prepared:	05/15/2009 0800		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0044
Ethylene Dibromide		ND		0.0044

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	88	74 - 118
1,2-Dichloroethane-d4 (Surr)	110	54 - 134

Client: ACC Environmental Consultants | Job Number: 720-19895-1

Client Sample ID: **SB-13 (30-31)**

Lab Sample ID: 720-19895-8 | Date Sampled: 05/14/2009 1010
Client Matrix: Solid | Date Received: 05/14/2009 1600

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method:	8260B/CA_LUFTMS	Analysis Batch: 720-50420	Instrument ID: Varian 3900A
Preparation:	5030B	Prep Batch: 720-50421	Lab File ID: e:\data\2009\200905\05150
Dilution:	1.0		Initial Weight/Volume: 5.31 g
Date Analyzed:	05/15/2009 1811		Final Weight/Volume: 10 mL
Date Prepared:	05/15/2009 0800		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0047
Ethylene Dibromide		ND		0.0047

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	90	74 - 118
1,2-Dichloroethane-d4 (Surr)	98	54 - 134

Client: ACC Environmental Consultants | Job Number: 720-19895-1

Client Sample ID: **SB-13 (38-39)**

Lab Sample ID: 720-19895-9 | Date Sampled: 05/14/2009 1044
Client Matrix: Solid | Date Received: 05/14/2009 1600

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method:	8260B/CA_LUFTMS	Analysis Batch: 720-50420	Instrument ID: Varian 3900A
Preparation:	5030B	Prep Batch: 720-50421	Lab File ID: e:\data\2009\200905\05150
Dilution:	1.0		Initial Weight/Volume: 5.59 g
Date Analyzed:	05/15/2009 1834		Final Weight/Volume: 10 mL
Date Prepared:	05/15/2009 0800		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0045
Ethylene Dibromide		ND		0.0045

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	88	74 - 118
1,2-Dichloroethane-d4 (Surr)	105	54 - 134

Client: ACC Environmental Consultants | Job Number: 720-19895-1

Client Sample ID: SB-13

Lab Sample ID: 720-19895-10 | Date Sampled: 05/14/2009 1230
Client Matrix: Water | Date Received: 05/14/2009 1600

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS | Analysis Batch: 720-50471 | Instrument ID: Saturn 2100
Preparation: 5030B | Lab File ID: d:\data\200905\051609\sa-
Dilution: 1.0 | Initial Weight/Volume: 10 mL
Date Analyzed: 05/16/2009 1547 | Final Weight/Volume: 10 mL
Date Prepared: 05/16/2009 1547

Analyte	Result (ug/L)	Qualifier	RL
MTBE	ND		0.50
Ethylbenzene	ND		0.50
1,2-Dichloroethane	ND		0.50
Ethylene Dibromide	ND		0.50
Benzene	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Toluene	ND		0.50
Xylenes, Total	ND		1.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	120	78 - 130
1,2-Dichloroethane-d4 (Surr)	114	67 - 130

Client: ACC Environmental Consultants Job Number: 720-19895-1

Client Sample ID: SB-15

Lab Sample ID: 720-19895-11 Date Sampled: 05/14/2009 1345
Client Matrix: Water Date Received: 05/14/2009 1600

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS Analysis Batch: 720-50476 Instrument ID: Varian 3900C
Preparation: 5030B Lab File ID: e:\data\200905\051809\sa-
Dilution: 1.0 Initial Weight/Volume: 40 mL
Date Analyzed: 05/18/2009 1246 Final Weight/Volume: 40 mL
Date Prepared: 05/18/2009 1246

Analyte	Result (ug/L)	Qualifier	RL
MTBE	ND		0.50
Ethylbenzene	ND		0.50
1,2-Dichloroethane	ND		0.50
Ethylene Dibromide	ND		0.50
Benzene	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Toluene	ND		0.50
Xylenes, Total	ND		1.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	97	78 - 130
1,2-Dichloroethane-d4 (Surr)	99	67 - 130

Client: ACC Environmental Consultants | Job Number: 720-19895-1

Client Sample ID: SB-13

Lab Sample ID: 720-19895-10
Client Matrix: Water

Date Sampled: 05/14/2009 1230
Date Received: 05/14/2009 1600

8015B Diesel Range Organics (DRO) (GC)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 05/16/2009 1327
Date Prepared: 05/15/2009 1717

Analysis Batch: 720-50453
Prep Batch: 720-50320

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 500 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	260		50
Motor Oil Range Organics [C24-C36]	790		300

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	50	23 - 156

Client: ACC Environmental Consultants | Job Number: 720-19895-1

Client Sample ID: SB-15

Lab Sample ID: 720-19895-11
Client Matrix: Water

Date Sampled: 05/14/2009 1345
Date Received: 05/14/2009 1600

8015B Diesel Range Organics (DRO) (GC)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 05/16/2009 1355
Date Prepared: 05/15/2009 1717

Analysis Batch: 720-50453
Prep Batch: 720-50320

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 500 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	290		50
Motor Oil Range Organics [C24-C36]	970		300

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	34	23 - 156

Client: ACC Environmental Consultants | Job Number: 720-19895-1

Client Sample ID: SB-2A (3-3.5)

Lab Sample ID:	720-19895-1	Date Sampled:	05/14/2009 1300
Client Matrix:	Solid	Date Received:	05/14/2009 1540

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 720-50612		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-50286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.02 g
Date Analyzed:	05/19/2009 1953			Final Weight/Volume:	50 mL
Date Prepared:	05/14/2009 1916				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Cadmium		ND		0.49
Chromium		26		0.98
Nickel		24		0.98
Lead		6.2		0.98
Zinc		27		0.98

Client: ACC Environmental Consultants | Job Number: 720-19895-1

Client Sample ID: SB-2A (14-15)

Lab Sample ID:	720-19895-2	Date Sampled:	05/14/2009 1315
Client Matrix:	Solid	Date Received:	05/14/2009 1540

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 720-50612		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-50286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.97 g
Date Analyzed:	05/19/2009 1957			Final Weight/Volume:	50 mL
Date Prepared:	05/14/2009 1916				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Cadmium		ND		0.52
Chromium		26		1.0
Nickel		30		1.0
Lead		9.6		1.0
Zinc		38		1.0

Client: ACC Environmental Consultants | Job Number: 720-19895-1

Client Sample ID: SB-6A (3-4)

Lab Sample ID:	720-19895-3	Date Sampled:	05/14/2009 1400
Client Matrix:	Solid	Date Received:	05/14/2009 1600

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 720-50612		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-50286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.04 g
Date Analyzed:	05/19/2009 2001			Final Weight/Volume:	50 mL
Date Prepared:	05/14/2009 1916				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Cadmium		ND		0.48
Chromium		31		0.96
Nickel		24		0.96
Lead		34		0.96
Zinc		49		0.96

Client: ACC Environmental Consultants | Job Number: 720-19895-1

Client Sample ID: SB-6A (14-15)

Lab Sample ID:	720-19895-4	Date Sampled:	05/14/2009 1400
Client Matrix:	Solid	Date Received:	05/14/2009 1600

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 720-50612		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-50286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.02 g
Date Analyzed:	05/19/2009 2004			Final Weight/Volume:	50 mL
Date Prepared:	05/14/2009 1916				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Cadmium		ND		0.49
Chromium		39		0.98
Nickel		28		0.98
Lead		3.8		0.98
Zinc		28		0.98

Client: ACC Environmental Consultants | Job Number: 720-19895-1

Client Sample ID: SB-15 (9-10)

Lab Sample ID:	720-19895-5	Date Sampled:	05/14/2009 1030
Client Matrix:	Solid	Date Received:	05/14/2009 1600

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 720-50612		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-50286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.03 g
Date Analyzed:	05/19/2009 2008			Final Weight/Volume:	50 mL
Date Prepared:	05/14/2009 1916				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Cadmium		ND		0.49
Chromium		33		0.97
Nickel		41		0.97
Lead		16		0.97
Zinc		37		0.97

Client: ACC Environmental Consultants | Job Number: 720-19895-1

Client Sample ID: SB-15 (28-30)

Lab Sample ID:	720-19895-6	Date Sampled:	05/14/2009 0950
Client Matrix:	Solid	Date Received:	05/14/2009 1600

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 720-50612		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-50286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.05 g
Date Analyzed:	05/19/2009 2012			Final Weight/Volume:	50 mL
Date Prepared:	05/14/2009 1916				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Cadmium		ND		0.48
Chromium		38		0.95
Nickel		50		0.95
Lead		9.6		0.95
Zinc		37		0.95

Client: ACC Environmental Consultants | Job Number: 720-19895-1

Client Sample ID: SB-13 (8-9)

Lab Sample ID:	720-19895-7	Date Sampled:	05/14/2009 0945
Client Matrix:	Solid	Date Received:	05/14/2009 1600

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 720-50612		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-50286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.96 g
Date Analyzed:	05/19/2009 2016			Final Weight/Volume:	50 mL
Date Prepared:	05/14/2009 1916				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Cadmium		ND		0.52
Chromium		27		1.0
Nickel		34		1.0
Lead		9.7		1.0
Zinc		30		1.0

Client: ACC Environmental Consultants | Job Number: 720-19895-1

Client Sample ID: SB-13 (30-31)

Lab Sample ID:	720-19895-8	Date Sampled:	05/14/2009 1010
Client Matrix:	Solid	Date Received:	05/14/2009 1600

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 720-50612		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-50286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.04 g
Date Analyzed:	05/19/2009 2019			Final Weight/Volume:	50 mL
Date Prepared:	05/14/2009 1916				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Cadmium		ND		0.48
Chromium		37		0.96
Nickel		37		0.96
Lead		9.4		0.96
Zinc		33		0.96

Client: ACC Environmental Consultants | Job Number: 720-19895-1

Client Sample ID: SB-13 (38-39)

Lab Sample ID:	720-19895-9	Date Sampled:	05/14/2009 1044
Client Matrix:	Solid	Date Received:	05/14/2009 1600

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 720-50612		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-50286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.01 g
Date Analyzed:	05/19/2009 2023			Final Weight/Volume:	50 mL
Date Prepared:	05/14/2009 1916				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Cadmium		ND		0.50
Chromium		50		0.99
Nickel		48		0.99
Lead		4.6		0.99
Zinc		32		0.99

Client: ACC Environmental Consultants | Job Number: 720-19895-1

Client Sample ID: SB-13

Lab Sample ID:	720-19895-10	Date Sampled:	05/14/2009 1230
Client Matrix:	Water	Date Received:	05/14/2009 1600

6010B Metals (ICP)-Dissolved

Method:	6010B	Analysis Batch: 720-50512		Instrument ID:	Varian ICP
Preparation:	Soluble Metals	Prep Batch: 720-50378		Lab File ID:	N/A
Dilution:	1.07			Initial Weight/Volume:	
Date Analyzed:	05/18/2009 2100			Final Weight/Volume:	1.0 mL
Date Prepared:	05/15/2009 1855				

Analyte	Result (mg/L)	Qualifier	RL
Cadmium	ND		0.0031
Chromium	ND		0.0085
Nickel	0.012		0.0075
Lead	ND		0.0055
Zinc	ND		0.047

Client: ACC Environmental Consultants | Job Number: 720-19895-1

Client Sample ID: SB-15

Lab Sample ID:	720-19895-11	Date Sampled:	05/14/2009 1345
Client Matrix:	Water	Date Received:	05/14/2009 1600

6010B Metals (ICP)-Dissolved

Method:	6010B	Analysis Batch: 720-50512		Instrument ID:	Varian ICP
Preparation:	Soluble Metals	Prep Batch: 720-50378		Lab File ID:	N/A
Dilution:	1.07			Initial Weight/Volume:	
Date Analyzed:	05/18/2009 2104			Final Weight/Volume:	1.0 mL
Date Prepared:	05/15/2009 1855				

Analyte	Result (mg/L)	Qualifier	RL
Cadmium	ND		0.0031
Chromium	ND		0.0085
Nickel	ND		0.0075
Lead	ND		0.0055
Zinc	ND		0.047

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

Client: ACC Environmental Consultants Job Number: 720-19895-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:720-50420					
LCS 720-50421/2-A	Lab Control Sample	T	Solid	8260B/CA_LUFT	720-50421
LCSD 720-50421/3-A	Lab Control Sample Duplicate	T	Solid	8260B/CA_LUFT	720-50421
MB 720-50421/1-A	Method Blank	T	Solid	8260B/CA_LUFT	720-50421
720-19895-1	SB-2A (3-3.5)	T	Solid	8260B/CA_LUFT	720-50421
720-19895-1MS	Matrix Spike	T	Solid	8260B/CA_LUFT	720-50421
720-19895-1MSD	Matrix Spike Duplicate	T	Solid	8260B/CA_LUFT	720-50421
720-19895-2	SB-2A (14-15)	T	Solid	8260B/CA_LUFT	720-50421
720-19895-3	SB-6A (3-4)	T	Solid	8260B/CA_LUFT	720-50421
720-19895-4	SB-6A (14-15)	T	Solid	8260B/CA_LUFT	720-50421
720-19895-5	SB-15 (9-10)	T	Solid	8260B/CA_LUFT	720-50421
720-19895-6	SB-15 (28-30)	T	Solid	8260B/CA_LUFT	720-50421
720-19895-7	SB-13 (8-9)	T	Solid	8260B/CA_LUFT	720-50421
720-19895-8	SB-13 (30-31)	T	Solid	8260B/CA_LUFT	720-50421
720-19895-9	SB-13 (38-39)	T	Solid	8260B/CA_LUFT	720-50421
Prep Batch: 720-50421					
LCS 720-50421/2-A	Lab Control Sample	T	Solid	5030B	
LCSD 720-50421/3-A	Lab Control Sample Duplicate	T	Solid	5030B	
MB 720-50421/1-A	Method Blank	T	Solid	5030B	
720-19895-1	SB-2A (3-3.5)	T	Solid	5030B	
720-19895-1MS	Matrix Spike	T	Solid	5030B	
720-19895-1MSD	Matrix Spike Duplicate	T	Solid	5030B	
720-19895-2	SB-2A (14-15)	T	Solid	5030B	
720-19895-3	SB-6A (3-4)	T	Solid	5030B	
720-19895-4	SB-6A (14-15)	T	Solid	5030B	
720-19895-5	SB-15 (9-10)	T	Solid	5030B	
720-19895-6	SB-15 (28-30)	T	Solid	5030B	
720-19895-7	SB-13 (8-9)	T	Solid	5030B	
720-19895-8	SB-13 (30-31)	T	Solid	5030B	
720-19895-9	SB-13 (38-39)	T	Solid	5030B	
Analysis Batch:720-50471					
720-19895-10	SB-13	T	Water	8260B/CA_LUFT	
Analysis Batch:720-50476					
LCS 720-50476/1	Lab Control Sample	T	Water	8260B/CA_LUFT	
LCSD 720-50476/5	Lab Control Sample Duplicate	T	Water	8260B/CA_LUFT	
MB 720-50476/2	Method Blank	T	Water	8260B/CA_LUFT	
720-19895-11	SB-15	T	Water	8260B/CA_LUFT	

Report Basis
T = Total

Client: ACC Environmental Consultants Job Number: 720-19895-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 720-50320					
LCS 720-50320/2-A	Lab Control Sample	T	Water	3510C	
LCSD 720-50320/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 720-50320/1-A	Method Blank	T	Water	3510C	
720-19895-10	SB-13	T	Water	3510C	
720-19895-11	SB-15	T	Water	3510C	
Analysis Batch:720-50453					
LCS 720-50320/2-A	Lab Control Sample	T	Water	8015B	720-50320
LCSD 720-50320/3-A	Lab Control Sample Duplicate	T	Water	8015B	720-50320
MB 720-50320/1-A	Method Blank	T	Water	8015B	720-50320
720-19895-10	SB-13	T	Water	8015B	720-50320
720-19895-11	SB-15	T	Water	8015B	720-50320

Report Basis
T = Total

Client: ACC Environmental Consultants Job Number: 720-19895-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 720-50286					
LCS 720-50286/2-A	Lab Control Sample	T	Solid	3050B	
LCSD 720-50286/3-A	Lab Control Sample Duplicate	T	Solid	3050B	
MB 720-50286/1-A	Method Blank	T	Solid	3050B	
720-19895-1	SB-2A (3-3.5)	T	Solid	3050B	
720-19895-2	SB-2A (14-15)	T	Solid	3050B	
720-19895-3	SB-6A (3-4)	T	Solid	3050B	
720-19895-4	SB-6A (14-15)	T	Solid	3050B	
720-19895-5	SB-15 (9-10)	T	Solid	3050B	
720-19895-6	SB-15 (28-30)	T	Solid	3050B	
720-19895-7	SB-13 (8-9)	T	Solid	3050B	
720-19895-8	SB-13 (30-31)	T	Solid	3050B	
720-19895-9	SB-13 (38-39)	T	Solid	3050B	
Prep Batch: 720-50378					
LCS 720-50378/2-A	Lab Control Sample	S	Water	Soluble Metals	
LCSD 720-50378/3-A	Lab Control Sample Duplicate	S	Water	Soluble Metals	
MB 720-50376/1-B	Method Blank	D	Water	Soluble Metals	
720-19895-10	SB-13	D	Water	Soluble Metals	
720-19895-11	SB-15	D	Water	Soluble Metals	
Analysis Batch:720-50512					
LCS 720-50378/2-A	Lab Control Sample	S	Water	6010B	720-50378
LCSD 720-50378/3-A	Lab Control Sample Duplicate	S	Water	6010B	720-50378
MB 720-50376/1-B	Method Blank	D	Water	6010B	720-50378
720-19895-10	SB-13	D	Water	6010B	720-50378
720-19895-11	SB-15	D	Water	6010B	720-50378
Analysis Batch:720-50612					
LCS 720-50286/2-A	Lab Control Sample	T	Solid	6010B	720-50286
LCSD 720-50286/3-A	Lab Control Sample Duplicate	T	Solid	6010B	720-50286
MB 720-50286/1-A	Method Blank	T	Solid	6010B	720-50286
720-19895-1	SB-2A (3-3.5)	T	Solid	6010B	720-50286
720-19895-2	SB-2A (14-15)	T	Solid	6010B	720-50286
720-19895-3	SB-6A (3-4)	T	Solid	6010B	720-50286
720-19895-4	SB-6A (14-15)	T	Solid	6010B	720-50286
720-19895-5	SB-15 (9-10)	T	Solid	6010B	720-50286
720-19895-6	SB-15 (28-30)	T	Solid	6010B	720-50286
720-19895-7	SB-13 (8-9)	T	Solid	6010B	720-50286
720-19895-8	SB-13 (30-31)	T	Solid	6010B	720-50286
720-19895-9	SB-13 (38-39)	T	Solid	6010B	720-50286

Client: ACC Environmental Consultants Job Number: 720-19895-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch

Report Basis
D = Dissolved
S = Soluble
T = Total

Client: ACC Environmental Consultants

Job Number: 720-19895-1

Method Blank - Batch: 720-50421

Method: 8260B/CA_LUFTMS
Preparation: 5030B

Lab Sample ID: MB 720-50421/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/15/2009 1205
Date Prepared: 05/15/2009 0800

Analysis Batch: 720-50420
Prep Batch: 720-50421
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: e:\data\2009\200905\0515(
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
MTBE	ND		0.0050
1,2-Dichloroethane	ND		0.0050
Ethylene Dibromide	ND		0.0050

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	92	74 - 118
1,2-Dichloroethane-d4 (Surr)	100	54 - 134

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-50421

Method: 8260B/CA_LUFTMS
Preparation: 5030B

LCS Lab Sample ID: LCS 720-50421/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/15/2009 1345
Date Prepared: 05/15/2009 0800

Analysis Batch: 720-50420
Prep Batch: 720-50421
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: e:\data\2009\200905\0515(
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-50421/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/15/2009 1408
Date Prepared: 05/15/2009 0800

Analysis Batch: 720-50420
Prep Batch: 720-50421
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: e:\data\2009\200905\051509
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
MTBE	86	95	53 - 134	10	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	94	97	74 - 118
1,2-Dichloroethane-d4 (Surr)	93	86	54 - 134

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ACC Environmental Consultants

Job Number: 720-19895-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-50421

Method: 8260B/CA_LUFTMS
Preparation: 5030B

MS Lab Sample ID:	720-19895-1	Analysis Batch:	720-50420	Instrument ID:	Varian 3900A
Client Matrix:	Solid	Prep Batch:	720-50421	Lab File ID:	e:\data\2009\200905\0515
Dilution:	1.0			Initial Weight/Volume:	5.22 g
Date Analyzed:	05/15/2009 1507			Final Weight/Volume:	10 mL
Date Prepared:	05/15/2009 0800				

MSD Lab Sample ID:	720-19895-1	Analysis Batch:	720-50420	Instrument ID:	Varian 3900A
Client Matrix:	Solid	Prep Batch:	720-50421	Lab File ID:	e:\data\2009\200905\05150
Dilution:	1.0			Initial Weight/Volume:	5.17 g
Date Analyzed:	05/15/2009 1530			Final Weight/Volume:	10 mL
Date Prepared:	05/15/2009 0800				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
MTBE	97	95	34 - 156	2	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	93	94	74 - 118
1,2-Dichloroethane-d4 (Surr)	85	90	54 - 134

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ACC Environmental Consultants Job Number: 720-19895-1

Method Blank - Batch: 720-50476

Method: 8260B/CA_LUFTMS
Preparation: 5030B

Lab Sample ID: MB 720-50476/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/18/2009 0925
Date Prepared: 05/18/2009 0925

Analysis Batch: 720-50476
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: e:\data\200905\051809\mb
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
MTBE	ND		0.50
Ethylbenzene	ND		0.50
1,2-Dichloroethane	ND		0.50
Ethylene Dibromide	ND		0.50
Benzene	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Toluene	ND		0.50
Xylenes, Total	ND		1.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	96	78 - 130
1,2-Dichloroethane-d4 (Surr)	98	67 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ACC Environmental Consultants Job Number: 720-19895-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-50476

Method: 8260B/CA_LUFTMS
Preparation: 5030B

LCS Lab Sample ID: LCS 720-50476/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/18/2009 1019
Date Prepared: 05/18/2009 1019

Analysis Batch: 720-50476
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: e:\data\200905\051809\ls-v
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

LCSD Lab Sample ID: LCSD 720-50476/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/18/2009 1046
Date Prepared: 05/18/2009 1046

Analysis Batch: 720-50476
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: e:\data\200905\051809\ld-wa
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
MTBE	89	88	69 - 120	1	20		
Benzene	92	97	74 - 120	5	20		
Gasoline Range Organics (GRO)-C5-C12	63	66	42 - 120	4	20		
Toluene	84	87	65 - 120	4	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	97	100	78 - 130
1,2-Dichloroethane-d4 (Surr)	91	113	67 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Method Blank - Batch: 720-50320

Method: 8015B
Preparation: 3510C

Lab Sample ID: MB 720-50320/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2009 0951
Date Prepared: 05/15/2009 1325

Analysis Batch: 720-50453
Prep Batch: 720-50320
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 500 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		50
Motor Oil Range Organics [C24-C36]	ND		300

Surrogate	% Rec	Acceptance Limits
p-Terphenyl	94	23 - 156

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-50320

Method: 8015B
Preparation: 3510C

LCS Lab Sample ID: LCS 720-50320/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2009 1018
Date Prepared: 05/15/2009 1325

Analysis Batch: 720-50453
Prep Batch: 720-50320
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 500 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-50320/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2009 1045
Date Prepared: 05/15/2009 1325

Analysis Batch: 720-50453
Prep Batch: 720-50320
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 500 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	85	79	46 - 150	7	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
p-Terphenyl	89	85	23 - 156

Calculations are performed before rounding to avoid round-off errors in calculated results.

Method Blank - Batch: 720-50286

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 720-50286/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/19/2009 1906
Date Prepared: 05/14/2009 1916

Analysis Batch: 720-50612
Prep Batch: 720-50286
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 0.97 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Cadmium	ND		0.52
Chromium	ND		1.0
Nickel	ND		1.0
Lead	ND		1.0
Zinc	ND		1.0

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-50286

Method: 6010B
Preparation: 3050B

LCS Lab Sample ID: LCS 720-50286/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/19/2009 1909
Date Prepared: 05/14/2009 1916

Analysis Batch: 720-50612
Prep Batch: 720-50286
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 0.98 g
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 720-50286/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/19/2009 1913
Date Prepared: 05/14/2009 1916

Analysis Batch: 720-50612
Prep Batch: 720-50286
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1.02 g
Final Weight/Volume: 50 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Cadmium	101	101	80 - 120	4	20		
Chromium	105	105	80 - 120	4	20		
Nickel	102	102	80 - 120	4	20		
Lead	103	103	80 - 120	4	20		
Zinc	101	101	80 - 120	4	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ACC Environmental Consultants Job Number: 720-19895-1

Method Blank - Batch: 720-50378

Method: 6010B
Preparation: Soluble Metals Dissolved

Lab Sample ID: MB 720-50376/1-B
Client Matrix: Water
Dilution: 1.07
Date Analyzed: 05/18/2009 2050
Date Prepared: 05/15/2009 1855

Analysis Batch: 720-50512
Prep Batch: 720-50378
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 1.0 mL

Analyte	Result	Qual	RL
Cadmium	ND		0.0031
Chromium	ND		0.0085
Nickel	ND		0.0075
Lead	ND		0.0055
Zinc	ND		0.047

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-50378

Method: 6010B
Preparation: Soluble Metals Soluble

LCS Lab Sample ID: LCS 720-50378/2-A
Client Matrix: Water
Dilution: 1.07
Date Analyzed: 05/18/2009 2053
Date Prepared: 05/15/2009 1855

Analysis Batch: 720-50512
Prep Batch: 720-50378
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 1.0 mL

LCSD Lab Sample ID: LCSD 720-50378/3-A
Client Matrix: Water
Dilution: 1.07
Date Analyzed: 05/18/2009 2056
Date Prepared: 05/15/2009 1855

Analysis Batch: 720-50512
Prep Batch: 720-50378
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 1.0 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Cadmium	98	97	80 - 120	1	20		
Chromium	99	99	80 - 120	1	20		
Nickel	98	97	80 - 120	1	20		
Lead	99	99	80 - 120	1	20		
Zinc	98	97	80 - 120	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Analytical Report

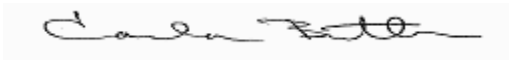
Work Order: ASE0176

Project Description
Park Village

For:

Dimple Sharma

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566



Carla Butler

Project Manager
Carla.Butler@testamericainc.com

Wednesday, May 20, 2009

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0176

Project: Park Village
Project Number: 720-19895-1

Received: 05/16/09
Reported: 05/20/09 13:18

Case Narrative

Park Village

This report contains results for the samples received under chain-of-custody by TestAmerica Laboratories, Inc. 5/16/2009 8:40:00 AM.

These samples are associated with your 720-19895-1 project.

All samples were received in good condition and within temperature requirements.

Ms. Dimple Sharma informed the laboratory that the water samples were filtered prior to shipping.

All applicable quality control procedures met method specified acceptance criteria except where flagged on the result pages or noted in the case narrative.

Note that if this report contains tests performed for the following methods, the associated method deviations are applicable.

EPA 410.4, COD: Laboratory uses different analytical wavelength as specified by instrument manufacturer.
EPA 340.2, Fluoride: Preliminary Bellack distillation not performed.
EPA 624: The laboratory uses a different desorb time and purge volume than stated in the method.
Iowa OA1: Benzene, toluene, ethylbenzene and xylenes (BTEX) are not analyzed along with the Gasoline Range Organics if client does not require BTEX.
EPA TO-12: Samples not analyzed in duplicate.
EPA TO-14A and TO-15: Zero humidified nitrogen is used in place of air for method blanks.

If you should have any questions, please feel free to contact me at carla.butler@testamericainc.com or (512) 310-5318.
There are pertinent documents appended to this report, 2 pages, are included and are an integral part of this report.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0176

Project: Park Village
Project Number: 720-19895-1

Received: 05/16/09
Reported: 05/20/09 13:18

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: ASE0176-03 (SB-6A (3-4) - Solid)					**Sampled: 05/14/09 14:00**		**Recvd: 05/16/09 08:40**			
Organo-Lead by HML 939-M										
Organo-lead	**328**		62.5	NR	ug/kg	5.00	05/19/09 15:47	SFP	9E19018	HML 939-M

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0176

Project: Park Village
Project Number: 720-19895-1

Received: 05/16/09
Reported: 05/20/09 13:18

Sample Summary

SAMPLE IDENTIFICATION	LAB NUMBER	Client Matrix	Date/Time Sampled	Date/Time Received
SB-2A (3-3.5)	ASE0176-01	Solid	05/14/09 13:00	05/16/09 08:40
SB-2A (14-15)	ASE0176-02	Solid	05/14/09 13:15	05/16/09 08:40
SB-6A (3-4)	ASE0176-03	Solid	05/14/09 14:00	05/16/09 08:40
SB-6A (14-15)	ASE0176-04	Solid	05/14/09 14:00	05/16/09 08:40
SB-15 (9-10)	ASE0176-05	Solid	05/14/09 10:30	05/16/09 08:40
SB-15 (28-30)	ASE0176-06	Solid	05/14/09 09:50	05/16/09 08:40
SB-13 (8-9)	ASE0176-07	Solid	05/14/09 09:45	05/16/09 08:40
SB-13 (30-31)	ASE0176-08	Solid	05/14/09 10:10	05/16/09 08:40
SB-13 (38-39)	ASE0176-09	Solid	05/14/09 10:44	05/16/09 08:40
SB-13	ASE0176-10	Water	05/14/09 12:30	05/16/09 08:40
SB-15	ASE0176-11	Water	05/14/09 13:45	05/16/09 08:40

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0176

Project: Park Village
Project Number: 720-19895-1

Received: 05/16/09
Reported: 05/20/09 13:18

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: ASE0176-01 (SB-2A (3-3.5) - Solid)						**Sampled: 05/14/09 13:00**		**Recvd: 05/16/09 08:40**		
Organo-Lead by HML 939-M										
Organo-lead	ND		12.5	NR	ug/kg	1.00	05/19/09 14:10	SFP	9E19017	HML 939-M

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0176

Project: Park Village
Project Number: 720-19895-1

Received: 05/16/09
Reported: 05/20/09 13:18

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: ASE0176-02 (SB-2A (14-15) - Solid)						**Sampled: 05/14/09 13:15**		**Recvd: 05/16/09 08:40**		
Organo-Lead by HML 939-M										
Organo-lead	ND		12.5	NR	ug/kg	1.00	05/19/09 14:15	SFP	9E19017	HML 939-M

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0176

Project: Park Village
Project Number: 720-19895-1

Received: 05/16/09
Reported: 05/20/09 13:18

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: ASE0176-03 (SB-6A (3-4) - Solid)						**Sampled: 05/14/09 14:00**		**Recvd: 05/16/09 08:40**		
Organo-Lead by HML 939-M										
Organo-lead	**328**		62.5	NR	ug/kg	5.00	05/19/09 15:47	SFP	9E19018	HML 939-M

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0176

Project: Park Village
Project Number: 720-19895-1

Received: 05/16/09
Reported: 05/20/09 13:18

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: ASE0176-04 (SB-6A (14-15) - Solid)						**Sampled: 05/14/09 14:00**		**Recvd: 05/16/09 08:40**		
Organo-Lead by HML 939-M										
Organo-lead	ND		12.5	NR	ug/kg	1.00	05/19/09 15:07	SFP	9E19018	HML 939-M

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0176

Project: Park Village
Project Number: 720-19895-1

Received: 05/16/09
Reported: 05/20/09 13:18

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: ASE0176-05 (SB-15 (9-10) - Solid)						**Sampled: 05/14/09 10:30**		**Recvd: 05/16/09 08:40**		
Organo-Lead by HML 939-M										
Organo-lead	ND		12.5	NR	ug/kg	1.00	05/19/09 15:12	SFP	9E19018	HML 939-M

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0176

Project: Park Village
Project Number: 720-19895-1

Received: 05/16/09
Reported: 05/20/09 13:18

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: ASE0176-06 (SB-15 (28-30) - Solid)						**Sampled: 05/14/09 09:50**		**Recvd: 05/16/09 08:40**		
Organo-Lead by HML 939-M										
Organo-lead	ND		12.5	NR	ug/kg	1.00	05/19/09 15:17	SFP	9E19018	HML 939-M

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0176

Project: Park Village
Project Number: 720-19895-1

Received: 05/16/09
Reported: 05/20/09 13:18

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: ASE0176-07 (SB-13 (8-9) - Solid)						**Sampled: 05/14/09 09:45**		**Recvd: 05/16/09 08:40**		
Organo-Lead by HML 939-M										
Organo-lead	ND		12.5	NR	ug/kg	1.00	05/19/09 15:22	SFP	9E19018	HML 939-M

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0176

Project: Park Village
Project Number: 720-19895-1

Received: 05/16/09
Reported: 05/20/09 13:18

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: ASE0176-08 (SB-13 (30-31) - Solid)						**Sampled: 05/14/09 10:10**		**Recvd: 05/16/09 08:40**		
Organo-Lead by HML 939-M										
Organo-lead	ND		12.5	NR	ug/kg	1.00	05/19/09 15:27	SFP	9E19018	HML 939-M

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0176

Project: Park Village
Project Number: 720-19895-1

Received: 05/16/09
Reported: 05/20/09 13:18

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: ASE0176-09 (SB-13 (38-39) - Solid)						**Sampled: 05/14/09 10:44**		**Recvd: 05/16/09 08:40**		
Organo-Lead by HML 939-M										
Organo-lead	ND		12.5	NR	ug/kg	1.00	05/19/09 15:32	SFP	9E19018	HML 939-M

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0176

Project: Park Village
Project Number: 720-19895-1

Received: 05/16/09
Reported: 05/20/09 13:18

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: ASE0176-10 (SB-13 - Water)						**Sampled: 05/14/09 12:30**		**Recvd: 05/16/09 08:40**		
Organo-Lead by HML 939-M										
Organo-lead	ND		5.00	NR	ug/L	1.00	05/19/09 13:04	SFP	9E19011	HML 939-M

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0176

Project: Park Village
Project Number: 720-19895-1

Received: 05/16/09
Reported: 05/20/09 13:18

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: ASE0176-11 (SB-15 - Water)						**Sampled: 05/14/09 13:45**		**Recvd: 05/16/09 08:40**		
Organo-Lead by HML 939-M										
Organo-lead	ND		5.00	NR	ug/L	1.00	05/19/09 13:08	SFP	9E19011	HML 939-M

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0176

Project: Park Village
Project Number: 720-19895-1

Received: 05/16/09
Reported: 05/20/09 13:18

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Units	Extract Volume	Units	Date	Analyst	Extraction Method
Organo-Lead by HML 939-M									
HML 939-M	9E19011	ASE0157-03	200.00	mL	125.00	mL	05/19/09 11:02		939-M

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Units	Extract Volume	Units	Date	Analyst	Extraction Method
Organo-Lead by HML 939-M									
HML 939-M	9E19017	ASE0175-03	50.00	g	125.00	mL	05/19/09 12:04	SFP	Extraction, Solid/Solvent (Shaker)

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Units	Extract Volume	Units	Date	Analyst	Extraction Method
Organo-Lead by HML 939-M									
HML 939-M	9E19011	ASE0176-10	200.00	mL	125.00	mL	05/19/09 11:02	SFP	939-M
HML 939-M	9E19011	ASE0176-11	200.00	mL	125.00	mL	05/19/09 11:02	SFP	939-M
HML 939-M	9E19017	ASE0176-01	50.00	g	125.00	mL	05/19/09 12:04	SFP	Extraction, Solid/Solvent (Shaker)
HML 939-M	9E19017	ASE0176-02	50.00	g	125.00	mL	05/19/09 12:04	SFP	Extraction, Solid/Solvent (Shaker)
HML 939-M	9E19018	ASE0176-03	50.00	g	125.00	mL	05/19/09 12:06	SFP	Extraction, Solid/Solvent (Shaker)
HML 939-M	9E19018	ASE0176-04	50.00	g	125.00	mL	05/19/09 12:06	SFP	Extraction, Solid/Solvent (Shaker)
HML 939-M	9E19018	ASE0176-05	50.00	g	125.00	mL	05/19/09 12:06	SFP	Extraction, Solid/Solvent (Shaker)
HML 939-M	9E19018	ASE0176-06	50.00	g	125.00	mL	05/19/09 12:06	SFP	Extraction, Solid/Solvent (Shaker)
HML 939-M	9E19018	ASE0176-07	50.00	g	125.00	mL	05/19/09 12:06	SFP	Extraction, Solid/Solvent (Shaker)
HML 939-M	9E19018	ASE0176-08	50.00	g	125.00	mL	05/19/09 12:06	SFP	Extraction, Solid/Solvent (Shaker)
HML 939-M	9E19018	ASE0176-09	50.00	g	125.00	mL	05/19/09 12:06	SFP	Extraction, Solid/Solvent (Shaker)

Login Sample Receipt Check List

Client: ACC Environmental Consultants

Job Number: 720-19895-3

Login Number: 19895

List Source: TestAmerica San Francisco

Creator: Bullock, Tracy

List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	False	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	False	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	False	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0176

Project: Park Village
Project Number: 720-19895-1

Received: 05/16/09
Reported: 05/20/09 13:18

LABORATORY QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	MRL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Qualifier
Organo-Lead by HML 939-M												
Blank Analyzed: 05/19/09 (9E19011-BLK1)												
Organo-lead	9E19011			5.00	NR	ug/L	ND					
LCS Analyzed: 05/19/09 (9E19011-BS1)												
Organo-lead	9E19011		25.0	5.00	NR	ug/L	24.3	97	80-120			
Matrix Spike Analyzed: 05/19/09 (9E19011-MS1)												
QC Source Sample: ASE0157-03												
Organo-lead	9E19011	ND	25.0	5.00	NR	ug/L	23.1	93	80-120			
Matrix Spike Dup Analyzed: 05/19/09 (9E19011-MSD1)												
QC Source Sample: ASE0157-03												
Organo-lead	9E19011	ND	25.0	5.00	NR	ug/L	22.1	88	80-120	4	20	
Organo-Lead by HML 939-M												
Blank Analyzed: 05/19/09 (9E19017-BLK1)												
Organo-lead	9E19017			12.5	NR	ug/kg	ND					
LCS Analyzed: 05/19/09 (9E19017-BS1)												
Organo-lead	9E19017		100	12.5	NR	ug/kg	101	101	80-120			
LCS Dup Analyzed: 05/19/09 (9E19017-BSD1)												
Organo-lead	9E19017		100	12.5	NR	ug/kg	98.8	99	80-120	2	20	
Organo-Lead by HML 939-M												
Blank Analyzed: 05/19/09 (9E19018-BLK1)												
Organo-lead	9E19018			12.5	NR	ug/kg	ND					
LCS Analyzed: 05/19/09 (9E19018-BS1)												
Organo-lead	9E19018		100	12.5	NR	ug/kg	100	100	80-120			
LCS Dup Analyzed: 05/19/09 (9E19018-BSD1)												
Organo-lead	9E19018		100	12.5	NR	ug/kg	96.9	97	80-120	4	20	

TestAmerica – Austin Laboratory
Chain of Custody Addendum

Work Order Number ASE0176

RECEIVED BY: _____ CLIENT/PROJECT: TestAmerica San Francisco / Park Village

DATE/TIME RECEIVED: 5/16/09 0930 UNPACKED DATE/TIME: 5/18/09 08:30

LOGGED BY CL REVIEWED BY BV # of Containers Received w/COC: _____

VOC AIR / FILTER SAMPLES ☐ YES **SEE SECTIONS 1.0, 2.0, & 6.0**

1.0 CONTAINERS EXAMINED UPON RECEIPT: cc

Container Sealed: ☐ YES ☐ NO Custody seal Present: ☑ YES ☐ NO Custody Seal Signed/Dated: ☑ YES ☐ NO

If seal not intact list air bill number of that container(s): _____

2.0 VOC CANISTERS EXAMINED UPON RECEIPT: _____

Canister Valves Closed: ☐ YES ☐ NO Canister Valves Capped: ☐ YES ☐ NO

Canister Valves Capped: ☐ YES ☐ NO Other Equipment Received: ☐ YES ☐ NO

Valve Cap Tightened Properly: ☐ YES ☐ NO Can Size: ☐ 6L ☐ 33L Other: _____

Packing Material Used: (circle)None / Absorbent / Paper / Bubble Wrap

3.0 CONDITION OF BOTTLES/CONTAINERS **VERIFIED BY:** cc

Samples received match COC: ☑ YES ☐ NO Bottles received intact: ☑ YES ☐ NO

See additional discrepancies/comments section: ☐ YES ☑ NO Samples received from USDA restricted area: ☐ YES ☑ NO

Chain-of-Custody form properly maintained: ☑ YES ☐ NO VOA trip blanks included: ☐ YES ☐ NO ☑ N/A

4.0 SAMPLE TEMPERATURE UPON RECEIPT BY: cc **IR THERMOMETER #:** ☑ P5 ☐ P6

Temperature of the container(s):

Circle selection: TB = Temp. Blank and/or SC = Sample Container CF = Correction Factor *[acceptable tolerance 4°C ± 2°]*

TB ☑ SC ☐	TB ☐ SC ☐	TB ☐ SC ☐	TB ☐ SC ☐	TB ☐ SC ☐	TB ☐ SC ☐	TB ☐ SC ☐	TB ☐ SC ☐
Initial 2.1	Initial	Initial	Initial	Initial	Initial	Initial	Initial
CF -0.1	CF	CF	CF	CF	CF	CF	CF
Final 2.0°C	Final	Final	Final	Final	Final	Final	Final

If temperature is outside acceptable tolerance, Project Manager was notified (_____PM). Date: _____ Time: _____

Samples received do not require cooling _____ OK to analyze samples: ☑ YES ☐ NO

5.0 PRESERVATION CHECKS

PRESERVATION OF SAMPLES REQUIRED: ☑ NA ☐ YES ☐ VOA Samples **VERIFIED BY:** cc

NOTE: pH CHECK OF SAMPLES FOR 1664A ANALYSIS CHECK AT TIME OF ANALYSIS BY BENCH ANALYST
pH CHECK OF VOLATILE SAMPLES PERFORMED AFTER ANALYSIS BY THE BENCH ANALYST.

Base samples are>pH 12: ☐ YES ☐ NO Acid preserved are<pH 2: ☐ YES ☐ NO

Cyanide samples checked for sulfides: ☐ YES ☐ NO Free chlorine present: ☐ YES ☐ NO

Sulfide samples appear to be preserved with zinc acetate: ☐ YES ☐ NO

Chlorine checked per specification (N.C.) ☐ YES ☐ NO

If preservation is outside acceptable limit, PM notified (_____PM) Date/Time: _____ ☐ see pH adjustment form

Volatile samples filled completely: ☐ YES ☐ NO (if no, list ID and approximate amt. of headspace in comments section

6.0 SHIPPING DOCUMENTATION:

Air/freight bill is available and attached to COC: ☑ YES ☐ NO Air bill #: _____

Hand-delivered Carrier: _____ Date: _____ Time: _____

7.0 OTHER COMMENTS:

_____

_____

8.0 CORRECTIVE ACTION:

Client's Name: _____ Informed verbally on: _____ By: _____

Client's Name: _____ Informed verbally on: _____ By: _____

Sample(s) processed "as is" comments: _____

_____

Samples(s) on hold until: _____ If released, notify: _____

Project Management: _____ Date: 5-18-09

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

Revised 03/03/09

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
Phone (925) 484-1919 Fax (925) 600-3002

Chain of Custody Record

ASE0176

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Sharma, Dimple	Carrier Tracking No(s):	COC No: 720-5214.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: dimple.sharma@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.				Job #: 720-19895-1
Address: 14050 Summit Drive, Suite A100,	Due Date Requested: ~~5/18/2009~~ 5/20/09			
City: Austin	TAT Requested (days):			
State, Zip: TX, 78728				
Phone:	PO #:			
Email:	WO #:			
Project Name: Park Village	Project #: 72004215			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

ACC

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SUBCONTRACT/ Organic Lead	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
SB-2A (3-3.5) (720-19895-1)	5/14/09	13:00		Solid			X	1	2.0 °5-18-09 cc
SB-2A (14-15) (720-19895-2)	5/14/09	13:15		Solid			X	1	
SB-6A (3-4) (720-19895-3)	5/14/09	14:00		Solid			X	1	
SB-6A (14-15) (720-19895-4)	5/14/09	14:00		Solid			X	1	
SB-15 (9-10) (720-19895-5)	5/14/09	10:30		Solid			X	1	
SB-15 (28-30) (720-19895-6)	5/14/09	9:50		Solid			X	1	
SB-13 (8-9) (720-19895-7)	5/14/09	9:45		Solid			X	1	
SB-13 (30-31) (720-19895-8)	5/14/09	10:10		Solid			X	1	
SB-13 (38-39) (720-19895-9)	5/14/09	10:44		Solid			X	1	
SB-13 (720-19895-10)	5/14/09	12:30		Water			X	1	
SB-15 (720-19895-11)	5/14/09	13:45		Water			X	1	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 5/15/09 1430	Company SF	Received by:	Date/Time: 5-16-09 0840	Company TestAmerica
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

720-19895

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TESTAMERICA San Francisco Chain of Custody
1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 600-3002

Reference #: 116445
Date 5-14-09 Page 1 of

Report To

Attn: Julia Sirulla
Company: ACC
Address: 7977 Capwell Dr
Phone: 5107730752 Email: Sirulla@accenv.com
Bill To: ACC Sampled By: CAN
Attn: Phone:

Analysis Request

	Sample ID	Date	Time	Matrix	Preserv.	TPH EPA - ☐ 8015/8021 ☐ 8260B ☐ Gas w/ ☐ BTEX ☐ MTBE	Purgeable Aromatics: BTEX EPA - ☐ 8021 ☐ 8260B	TEPH EPA 8015M* ☐ Silica Gel ☐ Diesel ☐ Motor Oil ☐ Other ___	Fuel Tests EPA 8260B: ☐ Gas ☐ BTEX ☐ Fivo Oxygenates ☐ DCA, EDB Ethanol	Purgeable Halocarbons (HVOCs) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624	Semivolatiles GC/MS ☐ EPA 8270 ☐ 625	Oil and Grease ☐ Petroleum (EPA 1664) ☐ Total	Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other: ___	Low Level Metals by EPA 200.8/6020 (ICP-MS): ___	☐ W.E.T (STLC) ☐ TCLP	Hexavalent Chromium ☐ pH (24h hold time for H_2O)	☐ Alkalinity ☐ Spec Cond. ☐ TDS ☐ TSS	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4			
1	SB-2A (3-35)	5-14-09	13:00	S					X														X	X	X
2	SB-2A (14-15)	5-14-09	13:15	S					X														X	X	X
3	SB-6A (3-4)	5-14-09	1400	S					X														X	X	X
4	SB-6A (14-15)	5-14-09	1400	S					X														X	X	X
5	SB-15 (9-10)	5-14-09	10:30	S					X														X	X	X
6	SB-15 (28-30)	5-14-09	9:50	S					X														X	X	X
7	SB-13 (8-9)	9:45	5-14-09	S					X														X	X	X
8	SB-13 (30-31)	5-14-09	10:10	S					X														X	X	X
9	SB-13 (38-39)	5-14-09	10:44	S					X														X	X	X

Project Info.

Project Name: PARK Village
Project#: 60148.017.02
PO#:
Credit Card#:

TAT: 5 Day | 72h | 48h | 24h | Other

Report: ☐ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☐ State Tank Fund EDF ☐ Global ID ___

Special Instructions / Comments:

RUSH

See Terms and Conditions on reverse

*TestAmerica SF reports 8015M from C_9-C_{24} (industry norm). Default for 8015B is C_{10}-C_{28}

Sample Receipt

of Containers:
Head Space:
Temp: 9.2°C SOME SAMPLES GREATER THAN 4HRS.
Conforms to record:

	Signature	Time	Printed Name	Date	Company
1) Relinquished by:		4:00	Julia Sirulla		ACC
1) Received by:		16:00	T Bullock	5/14/09	TEST AMERICA
2) Relinquished by:					
2) Received by:					
3) Relinquished by:					
3) Received by:					

Rev 05/04

720-19895.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TESTAMERICA San Francisco Chain of Custody
1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 600-3002

Reference #: 116445

Date 5-14-09 Page 2 of 2

Report To
Attn: Julia Siudyla
Company: ACC
Address: Jsiudyla@Accenv.com
Phone: Email:
Bill To: ACC
Sampled By: JS
Attn: Julia Siudyla
Phone:

Analysis Request

	Sample ID	Date	Time	Matrix	Preserv.	TPH EPA - ☐ 8015/8021 ☑ 8260B ☑ Gas w/ ☐ BTEX ☑ MTBE	Purgeable Aromatics BTEX EPA - ☐ 8021 ☐ 8260B	TEPH EPA 8015M* ☐ Silica Gel ☐ Diesel ☐ Motor Oil ☐ Other	Fuel Tests EPA 8260B: ☐ Gas ☐ BTEX ☐ Five Oxygenates ☐ DCA, EDB ☐ Ethanol	Purgeable Halocarbons (HVOCs) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624	Semivolatiles GC/MS ☐ EPA 8270 ☐ 625	Oil and Grease ☐ Petroleum ☐ Total (EPA 1664)	Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other:	Low Level Metals by EPA 200.8/6020 (ICP-MS):	W.E.T (STLC) ☐ TCLP ☐	Hexavalent Chromium ☐ pH (24h hold time for H_2O) ☐	Spec Cond. ☐ Alkalinity ☐ TSS ☐ TDS ☐	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4	EDC, ethylene dichloride	organic lead	Diss metals
10	SB-13	5-14-09	12:30	W	None																			X	X
11	SB-15	5-14-09	13:45	W	None																			X	X
10	SB-13	5-14-09	1230	W	HCL																	HOLD	HOLD		
11	SB-15	5-14-09	13:45	W	HCL																	HOLD	HOLD		
10	SB-13	5-14-09	1230	W	HCL	X			X														X		
11	SB-15	5-14-09	13:45	W	HCL	X			X														X		

Project Info.
Project Name: Park Village
Project#: 6783-017.02
PO#:
Credit Card#:

Sample Receipt
# of Containers:
Head Space:
Temp: 9.2°C
Conforms to record:

TAT: 5 Day | 72h | 48h | 24h | Other:

Report: ☐ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☐ State Tank Fund EDF ☐ Global ID

Special Instructions / Comments:
Please Filter the sample SB-13 & SB-15 for the metals analysis

See Terms and Conditions on reverse
*TestAmerica SF reports 8015M from C_9-C_{24} (industry norm). Default for 8015B is C_{10}-C_{28}

Hold 2-250 HNO3 Bottle (10 & 11)

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Signature: [signature] Time: 4:00	Signature: Time:	Signature: Time:
Printed Name: Julia Siudyla Date: 5-14-09	Printed Name: Date:	Printed Name: Date:
Company: ACC	Company:	Company:
1) Received by:	**2) Received by:**	**3) Received by:**
Signature: [signature] Time: 1600	Signature: Time:	Signature: Time:
Printed Name: T Bullock Date: 5/14/09	Printed Name: Date:	Printed Name: Date:
Company: Test America	Company:	Company:

Rev 06/04

Login Sample Receipt Check List

Client: ACC Environmental Consultants

Job Number: 720-19895-1

Login Number: 19895

List Source: TestAmerica San Francisco

Creator: Bullock, Tracy

List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	False	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	False	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	False	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 720-19895-3

Job Description: Park Village

For:
ACC Environmental Consultants
7977 Capwell Drive
Suite 100
Oakland, CA 94621

Attention: Julia Siudyla

Approved for release.
Dimple Sharma
Project Manager I
5/28/2009 6:27 PM

Dimple Sharma
Project Manager I
dimple.sharma@testamericainc.com
05/28/2009

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: ACC Environmental Consultants Job Number: 720-19895-3

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method

No Detections

METHOD SUMMARY

Client: ACC Environmental Consultants | Job Number: 720-19895-3

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL SF	SW846 8260B	
Purge and Trap	TAL SF		SW846 5030B

Lab References:

TAL SF = TestAmerica San Francisco

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Client: ACC Environmental Consultants Job Number: 720-19937-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 720-50320					
LCS 720-50320/2-A	Lab Control Sample	T	Water	3510C	
LCSD 720-50320/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 720-50320/1-A	Method Blank	T	Water	3510C	
720-19937-1	SB-12	T	Water	3510C	
720-19937-2	SB-14	T	Water	3510C	
Analysis Batch:720-50453					
LCS 720-50320/2-A	Lab Control Sample	T	Water	8015B	720-50320
LCSD 720-50320/3-A	Lab Control Sample Duplicate	T	Water	8015B	720-50320
MB 720-50320/1-A	Method Blank	T	Water	8015B	720-50320
720-19937-1	SB-12	T	Water	8015B	720-50320
720-19937-2	SB-14	T	Water	8015B	720-50320

Report Basis
T = Total

SAMPLE SUMMARY

Client: ACC Environmental Consultants Job Number: 720-19895-3

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-19895-10	SB-13	Water	05/14/2009 1230	05/14/2009 1600

Client: ACC Environmental Consultants | Job Number: 720-19895-3

Client Sample ID: SB-13

Lab Sample ID: 720-19895-10 | Date Sampled: 05/14/2009 1230
Client Matrix: Water | Date Received: 05/14/2009 1600

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B | Analysis Batch: 720-50898 | Instrument ID: Chemstation 3.0 on 95PC
Preparation: 5030B | Lab File ID: 05220933.D
Dilution: 1.0 | Initial Weight/Volume: 10 mL
Date Analyzed: 05/23/2009 0046 | Final Weight/Volume: 10 mL
Date Prepared: 05/23/2009 0046

Analyte	Result (ug/L)	Qualifier	RL
Naphthalene	ND		1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	74	67 - 130
1,2-Dichloroethane-d4 (Surr)	78	67 - 130
Toluene-d8 (Surr)	87	70 - 130

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

Client: ACC Environmental Consultants Job Number: 720-19895-3

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:720-50898					
LCS 720-50898/3	Lab Control Sample	T	Water	8260B	
LCSD 720-50898/4	Lab Control Sample Duplicate	T	Water	8260B	
MB 720-50898/5	Method Blank	T	Water	8260B	
720-19895-10	SB-13	T	Water	8260B	

Report Basis
T = Total

Client: ACC Environmental Consultants

Job Number: 720-19895-3

Method Blank - Batch: 720-50898

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-50898/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2009 2135
Date Prepared: 05/22/2009 2135

Analysis Batch: 720-50898
Prep Batch: N/A
Units: ug/L

Instrument ID: Chemstation 3.0 on 95PC
Lab File ID: 05220927.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Chlorobenzene	ND		0.50
1,1-Dichloroethene	ND		0.50
Naphthalene	ND		1.0
Toluene	ND		0.50
Trichloroethene	ND		0.50

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	77	67 - 130
1,2-Dichloroethane-d4 (Surr)	83	67 - 130
Toluene-d8 (Surr)	89	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ACC Environmental Consultants Job Number: 720-19895-3

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-50898

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-50898/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2009 2031
Date Prepared: 05/22/2009 2031

Analysis Batch: 720-50898
Prep Batch: N/A
Units: ug/L

Instrument ID: Chemstation 3.0 on 95PC
Lab File ID: 05220925.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-50898/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2009 2103
Date Prepared: 05/22/2009 2103

Analysis Batch: 720-50898
Prep Batch: N/A
Units: ug/L

Instrument ID: Chemstation 3.0 on 95PC
Lab File ID: 05220926.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	114	117	70 - 130	2	20		
Chlorobenzene	106	108	70 - 130	2	20		
1,1-Dichloroethene	91	98	70 - 130	8	20		
Naphthalene	133	129	70 - 130	3	20		
Toluene	108	112	70 - 130	4	20		
Trichloroethene	109	113	70 - 130	4	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	94	94	67 - 130
1,2-Dichloroethane-d4 (Surr)	77	77	67 - 130
Toluene-d8 (Surr)	96	97	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 720-19937-1

Job Description: Park Village

For:
ACC Environmental Consultants
7977 Capwell Drive
Suite 100
Oakland, CA 94621

Attention: Julia Siudyla

Approved for release.
Dimple Sharma
Project Manager I
5/20/2009 1:16 PM

Dimple Sharma
Project Manager I
dimple.sharma@testamericainc.com
05/20/2009

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
Method 8260B/CA_LUFTMS: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 50567 was outside control limits. The associated laboratory control sample (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

GC VOA
No analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: ACC Environmental Consultants Job Number: 720-19937-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-19937-1	**SB-12**				
Diesel Range Organics [C10-C28]		240	50	ug/L	8015B
Motor Oil Range Organics [C24-C36]		820	300	ug/L	8015B
Dissolved					
Chromium		0.015	0.0085	mg/L	6010B
Nickel		0.057	0.0075	mg/L	6010B
720-19937-2	**SB-14**				
Diesel Range Organics [C10-C28]		65	50	ug/L	8015B
Dissolved					
Nickel		0.019	0.0075	mg/L	6010B
720-19937-3	**SB-14 (8-9)**				
Chromium		29	1.0	mg/Kg	6010B
Nickel		33	1.0	mg/Kg	6010B
Lead		6.2	1.0	mg/Kg	6010B
Zinc		27	1.0	mg/Kg	6010B
720-19937-4	**SB-14 (29-30)**				
Chromium		31	1.0	mg/Kg	6010B
Nickel		42	1.0	mg/Kg	6010B
Lead		5.4	1.0	mg/Kg	6010B
Zinc		30	1.0	mg/Kg	6010B
720-19937-5	**SB-14 (50-51)**				
Chromium		32	0.98	mg/Kg	6010B
Nickel		41	0.98	mg/Kg	6010B
Lead		5.1	0.98	mg/Kg	6010B
Zinc		31	0.98	mg/Kg	6010B
720-19937-6	**SB-12 (11-12)**				
Chromium		26	1.0	mg/Kg	6010B
Nickel		36	1.0	mg/Kg	6010B
Lead		4.7	1.0	mg/Kg	6010B
Zinc		24	1.0	mg/Kg	6010B

EXECUTIVE SUMMARY - Detections

Client: ACC Environmental Consultants Job Number: 720-19937-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-19937-7	**SB-12 (26-28)**				
Chromium		30	1.1	mg/Kg	6010B
Nickel		31	1.1	mg/Kg	6010B
Lead		12	1.1	mg/Kg	6010B
Zinc		57	1.1	mg/Kg	6010B

METHOD SUMMARY

Client: ACC Environmental Consultants Job Number: 720-19937-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL SF	SW846 8260B/CA_LUFTMS	
Purge and Trap	TAL SF		SW846 5030B
Metals (ICP)	TAL SF	SW846 6010B	
Preparation, Metals	TAL SF		SW846 3050B
General Sub Contract Method	TAL AUS	Subcontract	
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL SF	SW846 8260B/CA_LUFTMS	
Purge and Trap	TAL SF		SW846 5030B
Diesel Range Organics (DRO) (GC)	TAL SF	SW846 8015B	
Liquid-Liquid Extraction (Separatory Funnel)	TAL SF		SW846 3510C
Metals (ICP)	TAL SF	SW846 6010B	
Sample Filtration	TAL SF		FILTRATION
Preparation, Soluble	TAL SF		Soluble Metals
General Sub Contract Method	TAL AUS	Subcontract	

Lab References:

TAL AUS = TestAmerica Austin

TAL SF = TestAmerica San Francisco

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: ACC Environmental Consultants Job Number: 720-19937-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-19937-1	SB-12	Water	05/15/2009 1150	05/15/2009 1510
720-19937-2	SB-14	Water	05/15/2009 1130	05/15/2009 1510
720-19937-3	SB-14 (8-9)	Solid	05/15/2009 0850	05/15/2009 1510
720-19937-4	SB-14 (29-30)	Solid	05/15/2009 0910	05/15/2009 1510
720-19937-5	SB-14 (50-51)	Solid	05/15/2009 0940	05/15/2009 1510
720-19937-6	SB-12 (11-12)	Solid	05/15/2009 1050	05/15/2009 1510
720-19937-7	SB-12 (26-28)	Solid	05/15/2009 1140	05/15/2009 1510

Client: ACC Environmental Consultants Job Number: 720-19937-1

Client Sample ID: SB-12

Lab Sample ID: 720-19937-1 Date Sampled: 05/15/2009 1150
Client Matrix: Water Date Received: 05/15/2009 1510

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS Analysis Batch: 720-50471 Instrument ID: Saturn 2100
Preparation: 5030B Lab File ID: d:\data\200905\051609\sa-
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 05/16/2009 1450 Final Weight/Volume: 10 mL
Date Prepared: 05/16/2009 1450

Analyte	Result (ug/L)	Qualifier	RL
MTBE	ND		0.50
Ethylene Dibromide	ND		0.50
1,2-Dichloroethane	ND		0.50
Ethylbenzene	ND		0.50
Benzene	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Toluene	ND		0.50
Xylenes, Total	ND		1.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	107	78 - 130
1,2-Dichloroethane-d4 (Surr)	111	67 - 130

Client: ACC Environmental Consultants Job Number: 720-19937-1

Client Sample ID: SB-14

Lab Sample ID: 720-19937-2 Date Sampled: 05/15/2009 1130
Client Matrix: Water Date Received: 05/15/2009 1510

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS Analysis Batch: 720-50471 Instrument ID: Saturn 2100
Preparation: 5030B Lab File ID: d:\data\200905\051609\sa-
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 05/16/2009 1519 Final Weight/Volume: 10 mL
Date Prepared: 05/16/2009 1519

Analyte	Result (ug/L)	Qualifier	RL
MTBE	ND		0.50
Ethylene Dibromide	ND		0.50
1,2-Dichloroethane	ND		0.50
Ethylbenzene	ND		0.50
Benzene	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Toluene	ND		0.50
Xylenes, Total	ND		1.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	117	78 - 130
1,2-Dichloroethane-d4 (Surr)	113	67 - 130

Client: ACC Environmental Consultants | Job Number: 720-19937-1

Client Sample ID: **SB-14 (8-9)**

Lab Sample ID: 720-19937-3 | Date Sampled: 05/15/2009 0850
Client Matrix: Solid | Date Received: 05/15/2009 1510

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method:	8260B/CA_LUFTMS	Analysis Batch: 720-50567	Instrument ID: Varian 3900A
Preparation:	5030B	Prep Batch: 720-50571	Lab File ID: e:\data\2009\200905\05160
Dilution:	1.0		Initial Weight/Volume: 5.09 g
Date Analyzed:	05/16/2009 1300		Final Weight/Volume: 10 mL
Date Prepared:	05/16/2009 0930		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Ethylene Dibromide		ND		0.0049
1,2-Dichloroethane		ND		0.0049

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	94	74 - 118
1,2-Dichloroethane-d4 (Surr)	104	54 - 134

Client: ACC Environmental Consultants | Job Number: 720-19937-1

Client Sample ID: **SB-14 (29-30)**

Lab Sample ID: 720-19937-4 | Date Sampled: 05/15/2009 0910
Client Matrix: Solid | Date Received: 05/15/2009 1510

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method:	8260B/CA_LUFTMS	Analysis Batch: 720-50567	Instrument ID: Varian 3900A
Preparation:	5030B	Prep Batch: 720-50571	Lab File ID: e:\data\2009\200905\05160
Dilution:	1.0		Initial Weight/Volume: 5.44 g
Date Analyzed:	05/16/2009 1323		Final Weight/Volume: 10 mL
Date Prepared:	05/16/2009 0930		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Ethylene Dibromide		ND		0.0046
1,2-Dichloroethane		ND		0.0046

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	97	74 - 118
1,2-Dichloroethane-d4 (Surr)	102	54 - 134

Client: ACC Environmental Consultants | Job Number: 720-19937-1

Client Sample ID: **SB-14 (50-51)**

Lab Sample ID: 720-19937-5 | Date Sampled: 05/15/2009 0940
Client Matrix: Solid | Date Received: 05/15/2009 1510

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method:	8260B/CA_LUFTMS	Analysis Batch: 720-50567	Instrument ID: Varian 3900A
Preparation:	5030B	Prep Batch: 720-50571	Lab File ID: e:\data\2009\200905\05160
Dilution:	1.0		Initial Weight/Volume: 5.42 g
Date Analyzed:	05/16/2009 1346		Final Weight/Volume: 10 mL
Date Prepared:	05/16/2009 0930		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Ethylene Dibromide		ND		0.0046
1,2-Dichloroethane		ND		0.0046

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	92	74 - 118
1,2-Dichloroethane-d4 (Surr)	109	54 - 134

Client: ACC Environmental Consultants | Job Number: 720-19937-1

Client Sample ID: **SB-12 (11-12)**

Lab Sample ID: 720-19937-6 | Date Sampled: 05/15/2009 1050
Client Matrix: Solid | Date Received: 05/15/2009 1510

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method:	8260B/CA_LUFTMS	Analysis Batch: 720-50567	Instrument ID: Varian 3900A
Preparation:	5030B	Prep Batch: 720-50571	Lab File ID: e:\data\2009\200905\05160
Dilution:	1.0		Initial Weight/Volume: 5.89 g
Date Analyzed:	05/16/2009 1410		Final Weight/Volume: 10 mL
Date Prepared:	05/16/2009 0930		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Ethylene Dibromide		ND		0.0042
1,2-Dichloroethane		ND		0.0042

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	95	74 - 118
1,2-Dichloroethane-d4 (Surr)	96	54 - 134

Client: ACC Environmental Consultants | Job Number: 720-19937-1

Client Sample ID: **SB-12 (26-28)**

Lab Sample ID: 720-19937-7 | Date Sampled: 05/15/2009 1140
Client Matrix: Solid | Date Received: 05/15/2009 1510

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method:	8260B/CA_LUFTMS	Analysis Batch: 720-50567	Instrument ID: Varian 3900A
Preparation:	5030B	Prep Batch: 720-50571	Lab File ID: e:\data\2009\200905\05160
Dilution:	1.0		Initial Weight/Volume: 5.99 g
Date Analyzed:	05/16/2009 1433		Final Weight/Volume: 10 mL
Date Prepared:	05/16/2009 0930		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Ethylene Dibromide		ND		0.0042
1,2-Dichloroethane		ND		0.0042

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	92	74 - 118
1,2-Dichloroethane-d4 (Surr)	103	54 - 134

Client: ACC Environmental Consultants | Job Number: 720-19937-1

Client Sample ID: SB-12

Lab Sample ID: 720-19937-1
Client Matrix: Water

Date Sampled: 05/15/2009 1150
Date Received: 05/15/2009 1510

8015B Diesel Range Organics (DRO) (GC)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 05/16/2009 1139
Date Prepared: 05/15/2009 1605

Analysis Batch: 720-50453
Prep Batch: 720-50320

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 500 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	240		50
Motor Oil Range Organics [C24-C36]	820		300

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	44	23 - 156

Client: ACC Environmental Consultants | Job Number: 720-19937-1

Client Sample ID: SB-14

Lab Sample ID: 720-19937-2 | Date Sampled: 05/15/2009 1130
Client Matrix: Water | Date Received: 05/15/2009 1510

8015B Diesel Range Organics (DRO) (GC)

Method: 8015B | Analysis Batch: 720-50453 | Instrument ID: HP DRO5
Preparation: 3510C | Prep Batch: 720-50320 | Lab File ID: N/A
Dilution: 1.0 | Initial Weight/Volume: 500 mL
Date Analyzed: 05/16/2009 1206 | Final Weight/Volume: 2 mL
Date Prepared: 05/15/2009 1605 | Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	65		50
Motor Oil Range Organics [C24-C36]	ND		300

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	64	23 - 156

Client: ACC Environmental Consultants

Job Number: 720-19937-1

Client Sample ID: SB-12

Lab Sample ID:	720-19937-1	Date Sampled:	05/15/2009 1150
Client Matrix:	Water	Date Received:	05/15/2009 1510

6010B Metals (ICP)-Dissolved

Method:	6010B	Analysis Batch: 720-50513		Instrument ID:	Varian ICP
Preparation:	Soluble Metals	Prep Batch: 720-50450		Lab File ID:	N/A
Dilution:	1.07			Initial Weight/Volume:	
Date Analyzed:	05/18/2009 2147			Final Weight/Volume:	1.0 mL
Date Prepared:	05/18/2009 1133				

Analyte	Result (mg/L)	Qualifier	RL
Cadmium	ND		0.0031
Chromium	0.015		0.0085
Nickel	0.057		0.0075
Lead	ND		0.0055
Zinc	ND		0.047

Client: ACC Environmental Consultants | Job Number: 720-19937-1

Client Sample ID: SB-14

Lab Sample ID:	720-19937-2	Date Sampled:	05/15/2009 1130
Client Matrix:	Water	Date Received:	05/15/2009 1510

6010B Metals (ICP)-Dissolved

Method:	6010B	Analysis Batch: 720-50513		Instrument ID:	Varian ICP
Preparation:	Soluble Metals	Prep Batch: 720-50450		Lab File ID:	N/A
Dilution:	1.07			Initial Weight/Volume:	
Date Analyzed:	05/18/2009 2151			Final Weight/Volume:	1.0 mL
Date Prepared:	05/18/2009 1133				

Analyte	Result (mg/L)	Qualifier	RL
Cadmium	ND		0.0031
Chromium	ND		0.0085
Nickel	0.019		0.0075
Lead	ND		0.0055
Zinc	ND		0.047

Client: ACC Environmental Consultants | Job Number: 720-19937-1

Client Sample ID: SB-14 (8-9)

Lab Sample ID:	720-19937-3	Date Sampled:	05/15/2009 0850
Client Matrix:	Solid	Date Received:	05/15/2009 1510

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 720-50577		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-50492		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.99 g
Date Analyzed:	05/19/2009 1509			Final Weight/Volume:	50 mL
Date Prepared:	05/18/2009 1724				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Cadmium		ND		0.51
Chromium		29		1.0
Nickel		33		1.0
Lead		6.2		1.0
Zinc		27		1.0

Client: ACC Environmental Consultants | Job Number: 720-19937-1

Client Sample ID: SB-14 (29-30)

Lab Sample ID:	720-19937-4	Date Sampled:	05/15/2009 0910
Client Matrix:	Solid	Date Received:	05/15/2009 1510

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 720-50577		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-50492		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.98 g
Date Analyzed:	05/19/2009 1513			Final Weight/Volume:	50 mL
Date Prepared:	05/18/2009 1724				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Cadmium		ND		0.51
Chromium		31		1.0
Nickel		42		1.0
Lead		5.4		1.0
Zinc		30		1.0

Client: ACC Environmental Consultants | Job Number: 720-19937-1

Client Sample ID: SB-14 (50-51)

Lab Sample ID:	720-19937-5	Date Sampled:	05/15/2009 0940
Client Matrix:	Solid	Date Received:	05/15/2009 1510

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 720-50577		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-50492		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.02 g
Date Analyzed:	05/19/2009 1523			Final Weight/Volume:	50 mL
Date Prepared:	05/18/2009 1724				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Cadmium		ND		0.49
Chromium		32		0.98
Nickel		41		0.98
Lead		5.1		0.98
Zinc		31		0.98

Client: ACC Environmental Consultants | Job Number: 720-19937-1

Client Sample ID: SB-12 (11-12)

Lab Sample ID:	720-19937-6	Date Sampled:	05/15/2009 1050
Client Matrix:	Solid	Date Received:	05/15/2009 1510

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 720-50577		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-50492		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.98 g
Date Analyzed:	05/19/2009 1527			Final Weight/Volume:	50 mL
Date Prepared:	05/18/2009 1724				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Cadmium		ND		0.51
Chromium		26		1.0
Nickel		36		1.0
Lead		4.7		1.0
Zinc		24		1.0

Client: ACC Environmental Consultants | Job Number: 720-19937-1

Client Sample ID: SB-12 (26-28)

Lab Sample ID:	720-19937-7	Date Sampled:	05/15/2009 1140
Client Matrix:	Solid	Date Received:	05/15/2009 1510

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 720-50577		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-50492		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.95 g
Date Analyzed:	05/19/2009 1531			Final Weight/Volume:	50 mL
Date Prepared:	05/18/2009 1724				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Cadmium		ND		0.53
Chromium		30		1.1
Nickel		31		1.1
Lead		12		1.1
Zinc		57		1.1

DATA REPORTING QUALIFIERS

Client: ACC Environmental Consultants Job Number: 720-19937-1

Lab Section	Qualifier	Description
GC/MS VOA		
	F	RPD of the MS and MSD exceeds the control limits

Client: ACC Environmental Consultants Job Number: 720-19937-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:720-50471					
LCS 720-50471/3	Lab Control Sample	T	Water	8260B/CA_LUFT	
LCSD 720-50471/2	Lab Control Sample Duplicate	T	Water	8260B/CA_LUFT	
MB 720-50471/4	Method Blank	T	Water	8260B/CA_LUFT	
720-19937-1	SB-12	T	Water	8260B/CA_LUFT	
720-19937-2	SB-14	T	Water	8260B/CA_LUFT	
Analysis Batch:720-50567					
LCS 720-50571/2-A	Lab Control Sample	T	Solid	8260B/CA_LUFT	720-50571
LCSD 720-50571/3-A	Lab Control Sample Duplicate	T	Solid	8260B/CA_LUFT	720-50571
MB 720-50571/1-A	Method Blank	T	Solid	8260B/CA_LUFT	720-50571
720-19937-3	SB-14 (8-9)	T	Solid	8260B/CA_LUFT	720-50571
720-19937-3MS	Matrix Spike	T	Solid	8260B/CA_LUFT	720-50571
720-19937-3MSD	Matrix Spike Duplicate	T	Solid	8260B/CA_LUFT	720-50571
720-19937-4	SB-14 (29-30)	T	Solid	8260B/CA_LUFT	720-50571
720-19937-5	SB-14 (50-51)	T	Solid	8260B/CA_LUFT	720-50571
720-19937-6	SB-12 (11-12)	T	Solid	8260B/CA_LUFT	720-50571
720-19937-7	SB-12 (26-28)	T	Solid	8260B/CA_LUFT	720-50571
Prep Batch: 720-50571					
LCS 720-50571/2-A	Lab Control Sample	T	Solid	5030B	
LCSD 720-50571/3-A	Lab Control Sample Duplicate	T	Solid	5030B	
MB 720-50571/1-A	Method Blank	T	Solid	5030B	
720-19937-3	SB-14 (8-9)	T	Solid	5030B	
720-19937-3MS	Matrix Spike	T	Solid	5030B	
720-19937-3MSD	Matrix Spike Duplicate	T	Solid	5030B	
720-19937-4	SB-14 (29-30)	T	Solid	5030B	
720-19937-5	SB-14 (50-51)	T	Solid	5030B	
720-19937-6	SB-12 (11-12)	T	Solid	5030B	
720-19937-7	SB-12 (26-28)	T	Solid	5030B	

Report Basis
T = Total

Client: ACC Environmental Consultants Job Number: 720-19937-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 720-50450					
LCS 720-50450/2-A	Lab Control Sample	S	Water	Soluble Metals	
LCSD 720-50450/3-A	Lab Control Sample Duplicate	S	Water	Soluble Metals	
MB 720-50434/1-B	Method Blank	D	Water	Soluble Metals	
720-19937-1	SB-12	D	Water	Soluble Metals	
720-19937-2	SB-14	D	Water	Soluble Metals	
720-19937-2MS	Matrix Spike	D	Water	Soluble Metals	
720-19937-2MSD	Matrix Spike Duplicate	D	Water	Soluble Metals	
Prep Batch: 720-50492					
LCS 720-50492/2-A	Lab Control Sample	T	Solid	3050B	
LCSD 720-50492/3-A	Lab Control Sample Duplicate	T	Solid	3050B	
LCSSRM 720-50492/26-A	LCS-Standard Reference Material	T	Solid	3050B	
MB 720-50492/1-A	Method Blank	T	Solid	3050B	
720-19937-3	SB-14 (8-9)	T	Solid	3050B	
720-19937-4	SB-14 (29-30)	T	Solid	3050B	
720-19937-5	SB-14 (50-51)	T	Solid	3050B	
720-19937-6	SB-12 (11-12)	T	Solid	3050B	
720-19937-7	SB-12 (26-28)	T	Solid	3050B	
Analysis Batch:720-50513					
LCS 720-50450/2-A	Lab Control Sample	S	Water	6010B	720-50450
LCSD 720-50450/3-A	Lab Control Sample Duplicate	S	Water	6010B	720-50450
MB 720-50434/1-B	Method Blank	D	Water	6010B	720-50450
720-19937-1	SB-12	D	Water	6010B	720-50450
720-19937-2	SB-14	D	Water	6010B	720-50450
720-19937-2MS	Matrix Spike	D	Water	6010B	720-50450
720-19937-2MSD	Matrix Spike Duplicate	D	Water	6010B	720-50450
Analysis Batch:720-50577					
LCS 720-50492/2-A	Lab Control Sample	T	Solid	6010B	720-50492
LCSD 720-50492/3-A	Lab Control Sample Duplicate	T	Solid	6010B	720-50492
LCSSRM 720-50492/26-A	LCS-Standard Reference Material	T	Solid	6010B	720-50492
MB 720-50492/1-A	Method Blank	T	Solid	6010B	720-50492
720-19937-3	SB-14 (8-9)	T	Solid	6010B	720-50492
720-19937-4	SB-14 (29-30)	T	Solid	6010B	720-50492
720-19937-5	SB-14 (50-51)	T	Solid	6010B	720-50492
720-19937-6	SB-12 (11-12)	T	Solid	6010B	720-50492
720-19937-7	SB-12 (26-28)	T	Solid	6010B	720-50492

Report Basis
D = Dissolved
S = Soluble
T = Total

Client: ACC Environmental Consultants

Job Number: 720-19937-1

Method Blank - Batch: 720-50471

Method: 8260B/CA_LUFTMS
Preparation: 5030B

Lab Sample ID: MB 720-50471/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2009 1053
Date Prepared: 05/16/2009 1053

Analysis Batch: 720-50471
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
Lab File ID: d:\data\200905\051609\mb
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Ethylbenzene	ND		0.50
Benzene	ND		0.50
MTBE	ND		0.50
Ethylene Dibromide	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
1,2-Dichloroethane	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	107	78 - 130
1,2-Dichloroethane-d4 (Surr)	100	67 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ACC Environmental Consultants Job Number: 720-19937-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-50471

Method: 8260B/CA_LUFTMS
Preparation: 5030B

LCS Lab Sample ID: LCS 720-50471/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2009 1126
Date Prepared: 05/16/2009 1126

Analysis Batch: 720-50471
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
Lab File ID: d:\data\200905\051609\ls-v
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-50471/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2009 1154
Date Prepared: 05/16/2009 1154

Analysis Batch: 720-50471
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
Lab File ID: d:\data\200905\051609\ld-wa
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	93	85	74 - 120	8	20		
MTBE	84	92	69 - 120	10	20		
Gasoline Range Organics (GRO)-C5-C12	53	52	42 - 120	1	20		
Toluene	77	77	65 - 120	0	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	107	103	78 - 130
1,2-Dichloroethane-d4 (Surr)	123	119	67 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ACC Environmental Consultants Job Number: 720-19937-1

Method Blank - Batch: 720-50571

Method: 8260B/CA_LUFTMS
Preparation: 5030B

Lab Sample ID: MB 720-50571/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/16/2009 1042
Date Prepared: 05/16/2009 0930

Analysis Batch: 720-50567
Prep Batch: 720-50571
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: e:\data\2009\200905\0516(
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
MTBE	ND		0.0050
Ethylene Dibromide	ND		0.0050
1,2-Dichloroethane	ND		0.0050

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	99	74 - 118
1,2-Dichloroethane-d4 (Surr)	93	54 - 134

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-50571

Method: 8260B/CA_LUFTMS
Preparation: 5030B

LCS Lab Sample ID: LCS 720-50571/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/16/2009 1114
Date Prepared: 05/16/2009 0930

Analysis Batch: 720-50567
Prep Batch: 720-50571
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: e:\data\2009\200905\0516(
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-50571/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/16/2009 1137
Date Prepared: 05/16/2009 0930

Analysis Batch: 720-50567
Prep Batch: 720-50571
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: e:\data\2009\200905\051609
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
MTBE	96	89	53 - 134	8	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	96	93	74 - 118
1,2-Dichloroethane-d4 (Surr)	100	95	54 - 134

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ACC Environmental Consultants Job Number: 720-19937-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-50571

Method: 8260B/CA_LUFTMS
Preparation: 5030B

MS Lab Sample ID:	720-19937-3	Analysis Batch: 720-50567	Instrument ID: Varian 3900A
Client Matrix:	Solid	Prep Batch: 720-50571	Lab File ID: e:\data\2009\200905\0516
Dilution:	1.0		Initial Weight/Volume: 5.70 g
Date Analyzed:	05/16/2009 1215		Final Weight/Volume: 10 mL
Date Prepared:	05/16/2009 0930		

MSD Lab Sample ID:	720-19937-3	Analysis Batch: 720-50567	Instrument ID: Varian 3900A
Client Matrix:	Solid	Prep Batch: 720-50571	Lab File ID: e:\data\2009\200905\05160
Dilution:	1.0		Initial Weight/Volume: 5.29 g
Date Analyzed:	05/16/2009 1238		Final Weight/Volume: 10 mL
Date Prepared:	05/16/2009 0930		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
MTBE	91	104	34 - 156	22	20		F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	94	93	74 - 118
1,2-Dichloroethane-d4 (Surr)	81	98	54 - 134

Calculations are performed before rounding to avoid round-off errors in calculated results.

Method Blank - Batch: 720-50320

Method: 8015B
Preparation: 3510C

Lab Sample ID: MB 720-50320/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2009 0951
Date Prepared: 05/15/2009 1325

Analysis Batch: 720-50453
Prep Batch: 720-50320
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 500 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		50
Motor Oil Range Organics [C24-C36]	ND		300

Surrogate	% Rec	Acceptance Limits
p-Terphenyl	94	23 - 156

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-50320

Method: 8015B
Preparation: 3510C

LCS Lab Sample ID: LCS 720-50320/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2009 1018
Date Prepared: 05/15/2009 1325

Analysis Batch: 720-50453
Prep Batch: 720-50320
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 500 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-50320/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2009 1045
Date Prepared: 05/15/2009 1325

Analysis Batch: 720-50453
Prep Batch: 720-50320
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 500 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	85	79	46 - 150	7	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
p-Terphenyl	89	85	23 - 156

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ACC Environmental Consultants Job Number: 720-19937-1

Method Blank - Batch: 720-50450

Method: 6010B
Preparation: Soluble Metals Dissolved

Lab Sample ID: MB 720-50434/1-B
Client Matrix: Water
Dilution: 1.07
Date Analyzed: 05/18/2009 2136
Date Prepared: 05/18/2009 1133

Analysis Batch: 720-50513
Prep Batch: 720-50450
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 1.0 mL

Analyte	Result	Qual	RL
Cadmium	ND		0.0031
Chromium	ND		0.0085
Nickel	ND		0.0075
Lead	ND		0.0055
Zinc	ND		0.047

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-50450

Method: 6010B
Preparation: Soluble Metals Soluble

LCS Lab Sample ID: LCS 720-50450/2-A
Client Matrix: Water
Dilution: 1.07
Date Analyzed: 05/18/2009 2140
Date Prepared: 05/18/2009 1133

Analysis Batch: 720-50513
Prep Batch: 720-50450
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 1.0 mL

LCSD Lab Sample ID: LCSD 720-50450/3-A
Client Matrix: Water
Dilution: 1.07
Date Analyzed: 05/18/2009 2143
Date Prepared: 05/18/2009 1133

Analysis Batch: 720-50513
Prep Batch: 720-50450
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 1.0 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Cadmium	101	100	80 - 120	1	20		
Chromium	102	101	80 - 120	1	20		
Nickel	101	100	80 - 120	1	20		
Lead	103	102	80 - 120	1	20		
Zinc	102	101	80 - 120	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ACC Environmental Consultants Job Number: 720-19937-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-50450

Method: 6010B
Preparation: Soluble Metals Dissolved

MS Lab Sample ID:	720-19937-2	Analysis Batch:	720-50513	Instrument ID:	Varian ICP
Client Matrix:	Water	Prep Batch:	720-50450	Lab File ID:	N/A
Dilution:	1.07			Initial Weight/Volume:	
Date Analyzed:	05/18/2009 2155			Final Weight/Volume:	1.0 mL
Date Prepared:	05/18/2009 1133				

MSD Lab Sample ID:	720-19937-2	Analysis Batch:	720-50513	Instrument ID:	Varian ICP
Client Matrix:	Water	Prep Batch:	720-50450	Lab File ID:	N/A
Dilution:	1.07			Initial Weight/Volume:	
Date Analyzed:	05/18/2009 2159			Final Weight/Volume:	1.0 mL
Date Prepared:	05/18/2009 1133				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cadmium	100	100	75 - 125	0	20		
Chromium	102	102	75 - 125	0	20		
Nickel	100	100	75 - 125	0	20		
Lead	101	102	75 - 125	0	20		
Zinc	100	99	75 - 125	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ACC Environmental Consultants Job Number: 720-19937-1

Method Blank - Batch: 720-50492

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 720-50492/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/19/2009 1438
Date Prepared: 05/18/2009 1724

Analysis Batch: 720-50577
Prep Batch: 720-50492
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1.01 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Cadmium	ND		0.50
Chromium	ND		0.99
Nickel	ND		0.99
Lead	ND		0.99
Zinc	ND		0.99

LCS-Standard Reference Material - Batch: 720-50492

Method: 6010B
Preparation: 3050B

Lab Sample ID: LCSSRM 720-50492/26-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/19/2009 1634
Date Prepared: 05/18/2009 1724

Analysis Batch: 720-50577
Prep Batch: 720-50492
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 0.98 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	42.2	37.9	90	67 - 118	
Chromium	246	219	89	67 - 121	
Nickel	96.8	87.5	90	65 - 117	
Lead	44.1	37.2	84	62 - 113	
Zinc	44.0	36.0	82	62 - 110	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ACC Environmental Consultants Job Number: 720-19937-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-50492

Method: 6010B
Preparation: 3050B

LCS Lab Sample ID: LCS 720-50492/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/19/2009 1441
Date Prepared: 05/18/2009 1724

Analysis Batch: 720-50577
Prep Batch: 720-50492
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1.04 g
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 720-50492/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/19/2009 1446
Date Prepared: 05/18/2009 1724

Analysis Batch: 720-50577
Prep Batch: 720-50492
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Cadmium	99	98	80 - 120	2	20		
Chromium	103	101	80 - 120	2	20		
Nickel	100	99	80 - 120	2	20		
Lead	102	100	80 - 120	2	20		
Zinc	100	98	80 - 120	3	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Analytical Report

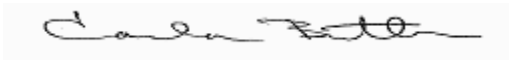
Work Order: ASE0175

Project Description
Park Village

For:

Dimple Sharma

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566



Carla Butler

Project Manager
Carla.Butler@testamericainc.com

Wednesday, May 20, 2009

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0175

Project: Park Village
Project Number: 720-19937-2

Received: 05/16/09
Reported: 05/20/09 13:13

Case Narrative

Park Village

This report contains results for the samples received under chain-of-custody by TestAmerica Laboratories, Inc. 5/16/2009 8:40:00 AM.

These samples are associated with your 720-19937 project.

All samples were received in good condition and within temperature requirements.

The laboratory filtered the waters prior to analysis.

All applicable quality control procedures met method specified acceptance criteria except where flagged on the result pages or noted in the case narrative.

Note that if this report contains tests performed for the following methods, the associated method deviations are applicable.

EPA 410.4, COD: Laboratory uses different analytical wavelength as specified by instrument manufacturer.
EPA 340.2, Fluoride: Preliminary Bellack distillation not performed.
EPA 624: The laboratory uses a different desorb time and purge volume than stated in the method.
Iowa OA1: Benzene, toluene, ethylbenzene and xylenes (BTEX) are not analyzed along with the Gasoline Range Organics if client does not require BTEX.
EPA TO-12: Samples not analyzed in duplicate.
EPA TO-14A and TO-15: Zero humidified nitrogen is used in place of air for method blanks.

If you should have any questions, please feel free to contact me at carla.butler@testamericainc.com or (512) 310-5318.
There are pertinent documents appended to this report, 2 pages, are included and are an integral part of this report.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0175

Project: Park Village
Project Number: 720-19937-2

Received: 05/16/09
Reported: 05/20/09 13:13

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
			Sampled:			**Recvd:**		

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0175

Project: Park Village
Project Number: 720-19937-2

Received: 05/16/09
Reported: 05/20/09 13:13

Sample Summary

SAMPLE IDENTIFICATION	LAB NUMBER	Client Matrix	Date/Time Sampled	Date/Time Received
SB-12	ASE0175-01	Water	05/15/09 11:50	05/16/09 08:40
SB-14	ASE0175-02	Water	05/15/09 11:30	05/16/09 08:40
SB-14 (8-9)	ASE0175-03	Solid	05/15/09 08:50	05/16/09 08:40
SB-14 (29-30)	ASE0175-04	Solid	05/15/09 09:10	05/16/09 08:40
SB-14 (50-51)	ASE0175-05	Solid	05/15/09 09:40	05/16/09 08:40
SB-12 (11-12)	ASE0175-06	Solid	05/15/09 10:50	05/16/09 08:40
SB-12 (26-28)	ASE0175-07	Solid	05/15/09 11:40	05/16/09 08:40

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0175

Project: Park Village
Project Number: 720-19937-2

Received: 05/16/09
Reported: 05/20/09 13:13

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: ASE0175-01 (SB-12 - Water)						**Sampled: 05/15/09 11:50**		**Recvd: 05/16/09 08:40**		
Organo-Lead by HML 939-M										
Organo-lead	ND		5.00	NR	ug/L	1.00	05/19/09 12:54	SFP	9E19011	HML 939-M

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0175

Project: Park Village
Project Number: 720-19937-2

Received: 05/16/09
Reported: 05/20/09 13:13

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: ASE0175-02 (SB-14 - Water)						**Sampled: 05/15/09 11:30**		**Recvd: 05/16/09 08:40**		
Organo-Lead by HML 939-M										
Organo-lead	ND		5.00	NR	ug/L	1.00	05/19/09 12:59	SFP	9E19011	HML 939-M

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0175

Project: Park Village
Project Number: 720-19937-2

Received: 05/16/09
Reported: 05/20/09 13:13

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: ASE0175-03 (SB-14 (8-9) - Solid)						**Sampled: 05/15/09 08:50**		**Recvd: 05/16/09 08:40**		
Organo-Lead by HML 939-M										
Organo-lead	ND		12.5	NR	ug/kg	1.00	05/19/09 13:46	SFP	9E19017	HML 939-M

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0175

Project: Park Village
Project Number: 720-19937-2

Received: 05/16/09
Reported: 05/20/09 13:13

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: ASE0175-04 (SB-14 (29-30) - Solid)						**Sampled: 05/15/09 09:10**		**Recvd: 05/16/09 08:40**		
Organo-Lead by HML 939-M										
Organo-lead	ND		12.5	NR	ug/kg	1.00	05/19/09 13:51	SFP	9E19017	HML 939-M

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0175

Project: Park Village
Project Number: 720-19937-2

Received: 05/16/09
Reported: 05/20/09 13:13

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: ASE0175-05 (SB-14 (50-51) - Solid)						**Sampled: 05/15/09 09:40**		**Recvd: 05/16/09 08:40**		
Organo-Lead by HML 939-M										
Organo-lead	ND		12.5	NR	ug/kg	1.00	05/19/09 13:55	SFP	9E19017	HML 939-M

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0175

Project: Park Village
Project Number: 720-19937-2

Received: 05/16/09
Reported: 05/20/09 13:13

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: ASE0175-06 (SB-12 (11-12) - Solid)						**Sampled: 05/15/09 10:50**		**Recvd: 05/16/09 08:40**		
Organo-Lead by HML 939-M										
Organo-lead	ND		12.5	NR	ug/kg	1.00	05/19/09 14:00	SFP	9E19017	HML 939-M

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0175

Project: Park Village
Project Number: 720-19937-2

Received: 05/16/09
Reported: 05/20/09 13:13

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: ASE0175-07 (SB-12 (26-28) - Solid)						**Sampled: 05/15/09 11:40**		**Recvd: 05/16/09 08:40**		
Organo-Lead by HML 939-M										
Organo-lead	ND		12.5	NR	ug/kg	1.00	05/19/09 14:05	SFP	9E19017	HML 939-M

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0175

Project: Park Village
Project Number: 720-19937-2

Received: 05/16/09
Reported: 05/20/09 13:13

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Units	Extract Volume	Units	Date	Analyst	Extraction Method
Organo-Lead by HML 939-M									
HML 939-M	9E19011	ASE0157-03	200.00	mL	125.00	mL	05/19/09 11:02		939-M

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Units	Extract Volume	Units	Date	Analyst	Extraction Method
Organo-Lead by HML 939-M									
HML 939-M	9E19011	ASE0175-01	200.00	mL	125.00	mL	05/19/09 11:02	SFP	939-M
HML 939-M	9E19011	ASE0175-02	200.00	mL	125.00	mL	05/19/09 11:02	SFP	939-M
HML 939-M	9E19017	ASE0175-03	50.00	g	125.00	mL	05/19/09 12:04	SFP	Extraction, Solid/Solvent (Shaker)
HML 939-M	9E19017	ASE0175-04	50.00	g	125.00	mL	05/19/09 12:04	SFP	Extraction, Solid/Solvent (Shaker)
HML 939-M	9E19017	ASE0175-05	50.00	g	125.00	mL	05/19/09 12:04	SFP	Extraction, Solid/Solvent (Shaker)
HML 939-M	9E19017	ASE0175-06	50.00	g	125.00	mL	05/19/09 12:04	SFP	Extraction, Solid/Solvent (Shaker)
HML 939-M	9E19017	ASE0175-07	50.00	g	125.00	mL	05/19/09 12:04	SFP	Extraction, Solid/Solvent (Shaker)

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Work Order: ASE0175

Project: Park Village
Project Number: 720-19937-2

Received: 05/16/09
Reported: 05/20/09 13:13

LABORATORY QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	MRL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Qualifier
Organo-Lead by HML 939-M												
Blank Analyzed: 05/19/09 (9E19011-BLK1)												
Organo-lead	9E19011			5.00	NR	ug/L	ND					
LCS Analyzed: 05/19/09 (9E19011-BS1)												
Organo-lead	9E19011		25.0	5.00	NR	ug/L	24.3	97	80-120			
Matrix Spike Analyzed: 05/19/09 (9E19011-MS1)												
QC Source Sample: ASE0157-03												
Organo-lead	9E19011	ND	25.0	5.00	NR	ug/L	23.1	93	80-120			
Matrix Spike Dup Analyzed: 05/19/09 (9E19011-MSD1)												
QC Source Sample: ASE0157-03												
Organo-lead	9E19011	ND	25.0	5.00	NR	ug/L	22.1	88	80-120	4	20	
Organo-Lead by HML 939-M												
Blank Analyzed: 05/19/09 (9E19017-BLK1)												
Organo-lead	9E19017			12.5	NR	ug/kg	ND					
LCS Analyzed: 05/19/09 (9E19017-BS1)												
Organo-lead	9E19017		100	12.5	NR	ug/kg	101	101	80-120			
LCS Dup Analyzed: 05/19/09 (9E19017-BSD1)												
Organo-lead	9E19017		100	12.5	NR	ug/kg	98.8	99	80-120	2	20	

TestAmerica – Austin Laboratory
Chain of Custody Addendum

Work Order Number ASE0175

RECEIVED BY: _____ CLIENT/PROJECT: TestAmerica San Francisco

DATE/TIME RECEIVED: 5/16/09 08:40 UNPACKED DATE/TIME: 5/18/09 0830

LOGGED BY cc REVIEWED BY BL # of Containers Received w/COC: _____

VOC AIR / FILTER SAMPLES ☐ YES **SEE SECTIONS 1.0, 2.0, & 6.0**

1.0 CONTAINERS EXAMINED UPON RECEIPT: cc

Container Sealed: ☑ YES ☐ NO Custody seal Present: ☑ YES ☐ NO Custody Seal Signed/Dated: ☑ YES ☐ NO

If seal not intact list air bill number of that container(s): _____

2.0 VOC CANISTERS EXAMINED UPON RECEIPT: _____

Canister Valves Closed: ☐ YES ☐ NO Canister Valves Capped: ☐ YES ☐ NO

Canister Valves Capped: ☐ YES ☐ NO Other Equipment Received: ☐ YES ☐ NO

Valve Cap Tightened Properly: ☐ YES ☐ NO Can Size: ☐ 6L ☐ 33L Other: _____

Packing Material Used: (circle)None / Absorbent / Paper / Bubble Wrap

3.0 CONDITION OF BOTTLES/CONTAINERS **VERIFIED BY:** _____

Samples received match COC: ☑ YES ☐ NO Bottles received intact: ☑ YES ☐ NO

See additional discrepancies/comments section: ☐ YES ☑ NO Samples received from USDA restricted area: ☐ YES ☑ NO

Chain-of-Custody form properly maintained: ☑ YES ☐ NO VOA trip blanks included: ☐ YES ☐ NO ☑ N/A

4.0 SAMPLE TEMPERATURE UPON RECEIPT BY: cc **IR THERMOMETER #:** ☑ P5 ☐ P6

Temperature of the container(s):

Circle selection: TB = Temp. Blank and/or SC = Sample Container CF = Correction Factor *[acceptable tolerance 4°C ± 2°]*

TB ☑ SC ☐	TB ☐ SC ☐	TB ☐ SC ☐	TB ☐ SC ☐	TB ☐ SC ☐	TB ☐ SC ☐	TB ☐ SC ☐	TB ☐ SC ☐
Initial 2.2	Initial	Initial	Initial	Initial	Initial	Initial	Initial
CF -0.1	CF	CF	CF	CF	CF	CF	CF
Final 2.1 °C	Final	Final	Final	Final	Final	Final	Final

If temperature is outside acceptable tolerance, Project Manager was notified (_____PM). Date: _____ Time: _____

Samples received do not require cooling _____ OK to analyze samples: ☐ YES ☐ NO

5.0 PRESERVATION CHECKS

PRESERVATION OF SAMPLES REQUIRED: ☑ NA ☐ YES ☐ VOA Samples **VERIFIED BY:** cc

NOTE: pH CHECK OF SAMPLES FOR 1664A ANALYSIS CHECK AT TIME OF ANALYSIS BY BENCH ANALYST
pH CHECK OF VOLATILE SAMPLES PERFORMED AFTER ANALYSIS BY THE BENCH ANALYST.

Base samples are>pH 12: ☐ YES ☐ NO Acid preserved are<pH 2: ☐ YES ☐ NO

Cyanide samples checked for sulfides: ☐ YES ☐ NO Free chlorine present: ☐ YES ☐ NO

Sulfide samples appear to be preserved with zinc acetate: ☐ YES ☐ NO

Chlorine checked per specification (N.C.) ☐ YES ☐ NO

If preservation is outside acceptable limit, PM notified (_____PM) Date/Time: _____ ☐ see pH adjustment form

Volatile samples filled completely: ☐ YES ☐ NO (if no, list ID and approximate amt. of headspace in comments section

6.0 SHIPPING DOCUMENTATION:

Air/freight bill is available and attached to COC: ☑ YES ☐ NO Air bill #: _____

Hand-delivered Carrier: _____ Date: _____ Time: _____

7.0 OTHER COMMENTS:

_____

_____

8.0 CORRECTIVE ACTION:

Client's Name: _____ Informed verbally on: _____ By: _____

Client's Name: _____ Informed verbally on: _____ By: _____

Sample(s) processed "as is" comments: _____

_____

Samples(s) on hold until: _____ If released, notify: _____

Project Management: _____ Date: 5-18-09

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

Revised 03/03/09

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
Phone (925) 484-1919 Fax (925) 600-3002

ASE0175

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Sharma, Dimple	Carrier Tracking No(s):	COC No: 720-5227.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: dimple.sharma@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.				Job #: 720-19937-2
Address: 14050 Summit Drive, Suite A100,	Due Date Requested: 5/20/2009			
City: Austin	TAT Requested (days):			
State, Zip: TX, 78728				
Phone:	PO #:			
Email:	WO #:			
Project Name: Park Village	Project #: 72004215			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SUBCONTRACT/ Organic Lead	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
SB-12 (720-19937-1)	5/15/09	11:50		Water			X	1	FILTER PRIOR TO ANALYSES
SB-14 (720-19937-2)	5/15/09	11:30		Water			X	1	2.1°C 5-18-09 CC
SB-14 (8-9) (720-19937-3)	5/15/09	8:50		Solid			X	1	
SB-14 (29-30) (720-19937-4)	5/15/09	9:10		Solid			X	1	
SB-14 (50-51) (720-19937-5)	5/15/09	9:40		Solid			X	1	
SB-12 (11-12) (720-19937-6)	5/15/09	10:50		Solid			X	1	
SB-12 (26-28) (720-19937-7)	5/15/09	11:40		Solid			X	1	

RUSH

Page 50 of 52

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Joan Knudsen	Date/Time: 5-15-09 1600	Company ST	Received by:	Date/Time: 5-16-09 0841	Company TestAmerica
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Check List

Client: ACC Environmental Consultants

Job Number: 720-19937-1

Login Number: 19937
List Source: TestAmerica San Francisco
Creator: Mullen, Joan
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 720-19937-3

Job Description: Park Village

For:
ACC Environmental Consultants
7977 Capwell Drive
Suite 100
Oakland, CA 94621

Attention: Julia Siudyla

Approved for release.
Dimple Sharma
Project Manager I
5/26/2009 5:59 PM

Dimple Sharma
Project Manager I
dimple.sharma@testamericainc.com
05/26/2009

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: ACC Environmental Consultants Job Number: 720-19937-3

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method

No Detections

METHOD SUMMARY

Client: ACC Environmental Consultants Job Number: 720-19937-3

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL SF	SW846 8260B	
Purge and Trap	TAL SF		SW846 5030B

Lab References:

TAL SF = TestAmerica San Francisco

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: ACC Environmental Consultants Job Number: 720-19937-3

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-19937-1	SB-12	Water	05/15/2009 1150	05/15/2009 1510
720-19937-2	SB-14	Water	05/15/2009 1130	05/15/2009 1510

Client: ACC Environmental Consultants | Job Number: 720-19937-3

Client Sample ID: SB-12

Lab Sample ID: 720-19937-1 | Date Sampled: 05/15/2009 1150
Client Matrix: Water | Date Received: 05/15/2009 1510

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B | Analysis Batch: 720-50898 | Instrument ID: Chemstation 3.0 on 95PC
Preparation: 5030B | Lab File ID: 05220934.D
Dilution: 1.0 | Initial Weight/Volume: 10 mL
Date Analyzed: 05/23/2009 0117 | Final Weight/Volume: 10 mL
Date Prepared: 05/23/2009 0117

Analyte	Result (ug/L)	Qualifier	RL
Naphthalene	ND		1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	72	67 - 130
1,2-Dichloroethane-d4 (Surr)	78	67 - 130
Toluene-d8 (Surr)	86	70 - 130

Client: ACC Environmental Consultants | Job Number: 720-19937-3

Client Sample ID: **SB-14**

Lab Sample ID: 720-19937-2 | Date Sampled: 05/15/2009 1130
Client Matrix: Water | Date Received: 05/15/2009 1510

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B | Analysis Batch: 720-50898 | Instrument ID: Chemstation 3.0 on 95PC
Preparation: 5030B | Lab File ID: 05220935.D
Dilution: 1.0 | Initial Weight/Volume: 10 mL
Date Analyzed: 05/23/2009 0149 | Final Weight/Volume: 10 mL
Date Prepared: 05/23/2009 0149

Analyte	Result (ug/L)	Qualifier	RL
Naphthalene	ND		1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	72	67 - 130
1,2-Dichloroethane-d4 (Surr)	75	67 - 130
Toluene-d8 (Surr)	86	70 - 130

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

Client: ACC Environmental Consultants Job Number: 720-19937-3

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:720-50898					
LCS 720-50898/3	Lab Control Sample	T	Water	8260B	
LCSD 720-50898/4	Lab Control Sample Duplicate	T	Water	8260B	
MB 720-50898/5	Method Blank	T	Water	8260B	
720-19937-1	SB-12	T	Water	8260B	
720-19937-2	SB-14	T	Water	8260B	

Report Basis
T = Total

Client: ACC Environmental Consultants

Job Number: 720-19937-3

Method Blank - Batch: 720-50898

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-50898/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2009 2135
Date Prepared: 05/22/2009 2135

Analysis Batch: 720-50898
Prep Batch: N/A
Units: ug/L

Instrument ID: Chemstation 3.0 on 95PC
Lab File ID: 05220927.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Chlorobenzene	ND		0.50
1,1-Dichloroethene	ND		0.50
Naphthalene	ND		1.0
Toluene	ND		0.50
Trichloroethene	ND		0.50

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	77	67 - 130
1,2-Dichloroethane-d4 (Surr)	83	67 - 130
Toluene-d8 (Surr)	89	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ACC Environmental Consultants Job Number: 720-19937-3

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-50898

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-50898/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2009 2031
Date Prepared: 05/22/2009 2031

Analysis Batch: 720-50898
Prep Batch: N/A
Units: ug/L

Instrument ID: Chemstation 3.0 on 95PC
Lab File ID: 05220925.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-50898/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2009 2103
Date Prepared: 05/22/2009 2103

Analysis Batch: 720-50898
Prep Batch: N/A
Units: ug/L

Instrument ID: Chemstation 3.0 on 95PC
Lab File ID: 05220926.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	114	117	70 - 130	2	20		
Chlorobenzene	106	108	70 - 130	2	20		
1,1-Dichloroethene	91	98	70 - 130	8	20		
Toluene	108	112	70 - 130	4	20		
Trichloroethene	109	113	70 - 130	4	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	94	94	67 - 130
1,2-Dichloroethane-d4 (Surr)	77	77	67 - 130
Toluene-d8 (Surr)	96	97	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Login Sample Receipt Check List

Client: ACC Environmental Consultants

Job Number: 720-19937-3

Login Number: 19937
List Source: TestAmerica San Francisco
Creator: Mullen, Joan
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Torrent
LABORATORY, INC.

May 20, 2009

Julia Siudyla
ACC Environmental
7977 Capwell Drive, Ste 100
Oakland, CA 94621

TEL: (510) 638-8400
FAX (510) 638-8404

RE: 3761 Park Blvd.Way

Order No.: 0905113

Dear Julia Siudyla:

Torrent Laboratory, Inc. received 4 samples on 5/18/2009 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.
Reported data is applicable for only the samples received as part of the order number referenced above.

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

05-20-09
Date

Torrent Laboratory, Inc.

Date: *20-May-09*

CLIENT: ACC Environmental
Project: 3761 Park Blvd.Way
Lab Order: 0905113

CASE NARRATIVE

Analytical Comments for EPA TO-15 ug/m3, Note: Due to laboratory error, no surrogate was added to the Method Blank associated with this analytical batch. However, surrogate was added to all samples and both laboratory control samples and all results were within control limits. No corrective action is required.

TORRENT LABORATORY, INC.

483 Sinclair Frontage Road • Milpitas, CA • Phone: (408) 263-5258 • Fax: (408) 263-8293

Visit us at www.torrentlab.com email: analysis@torrentlab.com

Report prepared for: Julia Siudyla
ACC Environmental

Date Received: 5/18/2009
Date Reported: 5/20/2009

Client Sample ID: SV-1
Sample Location: 3761 Park Blvd.Way
Sample Matrix: AIR
Date/Time Sampled 5/15/2009 9:19:00 AM

Lab Sample ID: 0905113-001
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	5/19/2009	1.99	1	2.0	ND	µg/m³	R19597
1,1,1,2-Tetrachloroethane	TO-15	5/19/2009	3.44	1	3.4	ND	µg/m³	R19597
1,1,1-Trichloroethane	TO-15	5/19/2009	2.73	1	2.7	ND	µg/m³	R19597
1,1,2,2-Tetrachloroethane	TO-15	5/19/2009	3.44	1	3.4	ND	µg/m³	R19597
1,1,2-Trichloroethane	TO-15	5/19/2009	2.73	1	2.7	ND	µg/m³	R19597
1,1-Dichloroethane	TO-15	5/19/2009	2.03	1	2.0	ND	µg/m³	R19597
1,1-Difluoroethane	TO-15	5/19/2009	27	1	27	ND	µg/m³	R19597
1,2,4-Trichlorobenzene	TO-15	5/19/2009	3.56	1	3.6	ND	µg/m³	R19597
1,2,4-Trimethylbenzene	TO-15	5/19/2009	2.46	1	2.5	ND	µg/m³	R19597
1,2-Dibromoethane(Ethylene dibromide)	TO-15	5/19/2009	3.84	1	3.8	ND	µg/m³	R19597
1,2-Dichlorobenzene	TO-15	5/19/2009	3.01	1	3.0	ND	µg/m³	R19597
1,2-Dichloroethane	TO-15	5/19/2009	2.03	1	2.0	ND	µg/m³	R19597
1,2-Dichloropropane	TO-15	5/19/2009	2.31	1	2.3	ND	µg/m³	R19597
1,3,5-Trimethylbenzene	TO-15	5/19/2009	2.46	1	2.5	ND	µg/m³	R19597
1,3-Butadiene	TO-15	5/19/2009	4.44	1	4.4	ND	µg/m³	R19597
1,3-Dichlorobenzene	TO-15	5/19/2009	3.01	1	3.0	ND	µg/m³	R19597
1,4-Dichlorobenzene	TO-15	5/19/2009	3.01	1	3.0	ND	µg/m³	R19597
1,4-Dioxane	TO-15	5/19/2009	1.8	1	1.8	ND	µg/m³	R19597
2-Butanone (MEK)	TO-15	5/19/2009	1.48	1	1.5	ND	µg/m³	R19597
2-Hexanone	TO-15	5/19/2009	2.05	1	2.0	ND	µg/m³	R19597
4-Ethyl Toluene	TO-15	5/19/2009	2.46	1	2.5	ND	µg/m³	R19597
4-Methyl-2-Pentanone (MIBK)	TO-15	5/19/2009	2.05	1	2.0	ND	µg/m³	R19597
Acetone	TO-15	5/19/2009	9.52	1	9.5	ND	µg/m³	R19597
Benzene	TO-15	5/19/2009	1.6	1	1.6	ND	µg/m³	R19597
Bromodichloromethane	TO-15	5/19/2009	3.35	1	3.4	ND	µg/m³	R19597
Bromoform	TO-15	5/19/2009	5.17	1	5.2	ND	µg/m³	R19597
Bromomethane	TO-15	5/19/2009	1.94	1	1.9	ND	µg/m³	R19597
Carbon Disulfide	TO-15	5/19/2009	1.56	1	1.6	ND	µg/m³	R19597
Carbon Tetrachloride	TO-15	5/19/2009	3.15	1	3.2	ND	µg/m³	R19597
Chlorobenzene	TO-15	5/19/2009	2.3	1	2.3	ND	µg/m³	R19597
Chloroethane	TO-15	5/19/2009	1.32	1	1.3	ND	µg/m³	R19597
Chloroform	TO-15	5/19/2009	2.44	1	2.4	ND	µg/m³	R19597
Chloromethane	TO-15	5/19/2009	1.04	1	1.0	ND	µg/m³	R19597
cis-1,2-dichloroethene	TO-15	5/19/2009	1.98	1	2.0	ND	µg/m³	R19597
cis-1,3-Dichloropropene	TO-15	5/19/2009	2.27	1	2.3	ND	µg/m³	R19597
Dibromochloromethane	TO-15	5/19/2009	4.26	1	4.3	ND	µg/m³	R19597

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Julia Siudyla
ACC Environmental

Date Received: 5/18/2009
Date Reported: 5/20/2009

Client Sample ID: SV-1
Sample Location: 3761 Park Blvd.Way
Sample Matrix: AIR
Date/Time Sampled 5/15/2009 9:19:00 AM

Lab Sample ID: 0905113-001
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Dichlorodifluoromethane	TO-15	5/19/2009	2.48	1	2.5	ND	µg/m³	R19597
Diisopropyl ether (DIPE)	TO-15	5/19/2009	2.09	1	2.1	ND	µg/m³	R19597
Ethyl Acetate	TO-15	5/19/2009	1.8	1	1.8	ND	µg/m³	R19597
Ethyl Benzene	TO-15	5/19/2009	2.17	1	2.2	ND	µg/m³	R19597
Ethyl tert-butyl ether (ETBE)	TO-15	5/19/2009	2.09	1	2.1	ND	µg/m³	R19597
Freon 113	TO-15	5/19/2009	3.83	1	3.8	ND	µg/m³	R19597
Hexachlorobutadiene	TO-15	5/19/2009	5.34	1	5.3	ND	µg/m³	R19597
Hexane	TO-15	5/19/2009	14.1	1	14	ND	µg/m³	R19597
Isopropanol	TO-15	5/19/2009	16.4	1	16	ND	µg/m³	R19597
m,p-Xylene	TO-15	5/19/2009	2.05	1	2.0	ND	µg/m³	R19597
Methylene Chloride	TO-15	5/19/2009	3.61	1	3.6	ND	µg/m³	R19597
MTBE	TO-15	5/19/2009	1.81	1	1.8	ND	µg/m³	R19597
Naphthalene	TO-15	5/19/2009	2.62	1	2.6	ND	µg/m³	R19597
o-xylene	TO-15	5/19/2009	2.17	1	2.2	ND	µg/m³	R19597
Styrene	TO-15	5/19/2009	2.13	1	2.1	ND	µg/m³	R19597
t-Butyl alcohol (t-Butanol)	TO-15	5/19/2009	6.06	1	6.1	ND	µg/m³	R19597
tert-Amyl methyl ether (TAME)	TO-15	5/19/2009	2.09	1	2.1	ND	µg/m³	R19597
Tetrachloroethene	TO-15	5/19/2009	3.39	1	3.4	ND	µg/m³	R19597
Toluene	TO-15	5/19/2009	1.89	1	1.9	ND	µg/m³	R19597
trans-1,2-Dichloroethene	TO-15	5/19/2009	1.98	1	2.0	ND	µg/m³	R19597
Trichloroethene	TO-15	5/19/2009	2.69	1	2.7	ND	µg/m³	R19597
Trichlorofluoromethane	TO-15	5/19/2009	2.48	1	2.5	ND	µg/m³	R19597
Vinyl Acetate	TO-15	5/19/2009	1.76	1	1.8	ND	µg/m³	R19597
Vinyl Chloride	TO-15	5/19/2009	1.28	1	1.3	ND	µg/m³	R19597
Surr: 4-Bromofluorobenzene	TO-15	5/19/2009	0	1	65-135	57.1	%REC	R19597

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Julia Siudyla
ACC Environmental

Date Received: 5/18/2009
Date Reported: 5/20/2009

Client Sample ID: SV-2
Sample Location: 3761 Park Blvd.Way
Sample Matrix: AIR
Date/Time Sampled 5/15/2009 10:15:00 AM

Lab Sample ID: 0905113-002
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	5/19/2009	1.99	1	2.0	ND	µg/m³	R19597
1,1,1,2-Tetrachloroethane	TO-15	5/19/2009	3.44	1	3.4	ND	µg/m³	R19597
1,1,1-Trichloroethane	TO-15	5/19/2009	2.73	1	2.7	ND	µg/m³	R19597
1,1,2,2-Tetrachloroethane	TO-15	5/19/2009	3.44	1	3.4	ND	µg/m³	R19597
1,1,2-Trichloroethane	TO-15	5/19/2009	2.73	1	2.7	ND	µg/m³	R19597
1,1-Dichloroethane	TO-15	5/19/2009	2.03	1	2.0	ND	µg/m³	R19597
1,1-Difluoroethane	TO-15	5/19/2009	27	1	27	ND	µg/m³	R19597
1,2,4-Trichlorobenzene	TO-15	5/19/2009	3.56	1	3.6	ND	µg/m³	R19597
1,2,4-Trimethylbenzene	TO-15	5/19/2009	2.46	1	2.5	ND	µg/m³	R19597
1,2-Dibromoethane(Ethylene dibromide)	TO-15	5/19/2009	3.84	1	3.8	ND	µg/m³	R19597
1,2-Dichlorobenzene	TO-15	5/19/2009	3.01	1	3.0	ND	µg/m³	R19597
1,2-Dichloroethane	TO-15	5/19/2009	2.03	1	2.0	ND	µg/m³	R19597
1,2-Dichloropropane	TO-15	5/19/2009	2.31	1	2.3	ND	µg/m³	R19597
1,3,5-Trimethylbenzene	TO-15	5/19/2009	2.46	1	2.5	ND	µg/m³	R19597
1,3-Butadiene	TO-15	5/19/2009	4.44	1	4.4	ND	µg/m³	R19597
1,3-Dichlorobenzene	TO-15	5/19/2009	3.01	1	3.0	ND	µg/m³	R19597
1,4-Dichlorobenzene	TO-15	5/19/2009	3.01	1	3.0	ND	µg/m³	R19597
1,4-Dioxane	TO-15	5/19/2009	1.8	1	1.8	ND	µg/m³	R19597
2-Butanone (MEK)	TO-15	5/19/2009	1.48	1	1.5	ND	µg/m³	R19597
2-Hexanone	TO-15	5/19/2009	2.05	1	2.0	ND	µg/m³	R19597
4-Ethyl Toluene	TO-15	5/19/2009	2.46	1	2.5	ND	µg/m³	R19597
4-Methyl-2-Pentanone (MIBK)	TO-15	5/19/2009	2.05	1	2.0	ND	µg/m³	R19597
Acetone	TO-15	5/19/2009	9.52	1	9.5	ND	µg/m³	R19597
Benzene	TO-15	5/19/2009	1.6	1	1.6	ND	µg/m³	R19597
Bromodichloromethane	TO-15	5/19/2009	3.35	1	3.4	ND	µg/m³	R19597
Bromoform	TO-15	5/19/2009	5.17	1	5.2	ND	µg/m³	R19597
Bromomethane	TO-15	5/19/2009	1.94	1	1.9	ND	µg/m³	R19597
Carbon Disulfide	TO-15	5/19/2009	1.56	1	1.6	ND	µg/m³	R19597
Carbon Tetrachloride	TO-15	5/19/2009	3.15	1	3.2	ND	µg/m³	R19597
Chlorobenzene	TO-15	5/19/2009	2.3	1	2.3	ND	µg/m³	R19597
Chloroethane	TO-15	5/19/2009	1.32	1	1.3	ND	µg/m³	R19597
Chloroform	TO-15	5/19/2009	2.44	1	2.4	ND	µg/m³	R19597
Chloromethane	TO-15	5/19/2009	1.04	1	1.0	ND	µg/m³	R19597
cis-1,2-dichloroethene	TO-15	5/19/2009	1.98	1	2.0	ND	µg/m³	R19597
cis-1,3-Dichloropropene	TO-15	5/19/2009	2.27	1	2.3	ND	µg/m³	R19597
Dibromochloromethane	TO-15	5/19/2009	4.26	1	4.3	ND	µg/m³	R19597
Dichlorodifluoromethane	TO-15	5/19/2009	2.48	1	2.5	ND	µg/m³	R19597
Diisopropyl ether (DIPE)	TO-15	5/19/2009	2.09	1	2.1	ND	µg/m³	R19597
Ethyl Acetate	TO-15	5/19/2009	1.8	1	1.8	ND	µg/m³	R19597
Ethyl Benzene	TO-15	5/19/2009	2.17	1	2.2	ND	µg/m³	R19597
Ethyl tert-butyl ether (ETBE)	TO-15	5/19/2009	2.09	1	2.1	ND	µg/m³	R19597
Freon 113	TO-15	5/19/2009	3.83	1	3.8	ND	µg/m³	R19597
Hexachlorobutadiene	TO-15	5/19/2009	5.34	1	5.3	ND	µg/m³	R19597

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Julia Siudyla
ACC Environmental

Date Received: 5/18/2009
Date Reported: 5/20/2009

Client Sample ID: SV-2
Sample Location: 3761 Park Blvd.Way
Sample Matrix: AIR
Date/Time Sampled 5/15/2009 10:15:00 AM

Lab Sample ID: 0905113-002
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Hexane	TO-15	5/19/2009	14.1	1	14	ND	µg/m³	R19597
Isopropanol	TO-15	5/19/2009	16.4	1	16	ND	µg/m³	R19597
m,p-Xylene	TO-15	5/19/2009	2.05	1	2.0	ND	µg/m³	R19597
Methylene Chloride	TO-15	5/19/2009	3.61	1	3.6	ND	µg/m³	R19597
MTBE	TO-15	5/19/2009	1.81	1	1.8	ND	µg/m³	R19597
Naphthalene	TO-15	5/19/2009	2.62	1	2.6	ND	µg/m³	R19597
o-xylene	TO-15	5/19/2009	2.17	1	2.2	ND	µg/m³	R19597
Styrene	TO-15	5/19/2009	2.13	1	2.1	ND	µg/m³	R19597
t-Butyl alcohol (t-Butanol)	TO-15	5/19/2009	6.06	1	6.1	ND	µg/m³	R19597
tert-Amyl methyl ether (TAME)	TO-15	5/19/2009	2.09	1	2.1	ND	µg/m³	R19597
Tetrachloroethene	TO-15	5/19/2009	3.39	1	3.4	ND	µg/m³	R19597
Toluene	TO-15	5/19/2009	1.89	1	1.9	ND	µg/m³	R19597
trans-1,2-Dichloroethene	TO-15	5/19/2009	1.98	1	2.0	ND	µg/m³	R19597
Trichloroethene	TO-15	5/19/2009	2.69	1	2.7	ND	µg/m³	R19597
Trichlorofluoromethane	TO-15	5/19/2009	2.48	1	2.5	ND	µg/m³	R19597
Vinyl Acetate	TO-15	5/19/2009	1.76	1	1.8	ND	µg/m³	R19597
Vinyl Chloride	TO-15	5/19/2009	1.28	1	1.3	ND	µg/m³	R19597
Surr: 4-Bromofluorobenzene	TO-15	5/19/2009	0	1	65-135	58.1	%REC	R19597

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Julia Siudyla
ACC Environmental

Date Received: 5/18/2009
Date Reported: 5/20/2009

Client Sample ID: SV-3
Sample Location: 3761 Park Blvd.Way
Sample Matrix: AIR
Date/Time Sampled 5/15/2009 10:50:00 AM

Lab Sample ID: 0905113-003
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	5/19/2009	1.99	1	2.0	ND	µg/m³	R19597
1,1,1,2-Tetrachloroethane	TO-15	5/19/2009	3.44	1	3.4	ND	µg/m³	R19597
1,1,1-Trichloroethane	TO-15	5/19/2009	2.73	1	2.7	ND	µg/m³	R19597
1,1,2,2-Tetrachloroethane	TO-15	5/19/2009	3.44	1	3.4	ND	µg/m³	R19597
1,1,2-Trichloroethane	TO-15	5/19/2009	2.73	1	2.7	ND	µg/m³	R19597
1,1-Dichloroethane	TO-15	5/19/2009	2.03	1	2.0	ND	µg/m³	R19597
1,1-Difluoroethane	TO-15	5/19/2009	27	1	27	ND	µg/m³	R19597
1,2,4-Trichlorobenzene	TO-15	5/19/2009	3.56	1	3.6	ND	µg/m³	R19597
1,2,4-Trimethylbenzene	TO-15	5/19/2009	2.46	1	2.5	ND	µg/m³	R19597
1,2-Dibromoethane(Ethylene dibromide)	TO-15	5/19/2009	3.84	1	3.8	ND	µg/m³	R19597
1,2-Dichlorobenzene	TO-15	5/19/2009	3.01	1	3.0	ND	µg/m³	R19597
1,2-Dichloroethane	TO-15	5/19/2009	2.03	1	2.0	ND	µg/m³	R19597
1,2-Dichloropropane	TO-15	5/19/2009	2.31	1	2.3	ND	µg/m³	R19597
1,3,5-Trimethylbenzene	TO-15	5/19/2009	2.46	1	2.5	ND	µg/m³	R19597
1,3-Butadiene	TO-15	5/19/2009	4.44	1	4.4	ND	µg/m³	R19597
1,3-Dichlorobenzene	TO-15	5/19/2009	3.01	1	3.0	ND	µg/m³	R19597
1,4-Dichlorobenzene	TO-15	5/19/2009	3.01	1	3.0	ND	µg/m³	R19597
1,4-Dioxane	TO-15	5/19/2009	1.8	1	1.8	ND	µg/m³	R19597
2-Butanone (MEK)	TO-15	5/19/2009	1.48	1	1.5	ND	µg/m³	R19597
2-Hexanone	TO-15	5/19/2009	2.05	1	2.0	ND	µg/m³	R19597
4-Ethyl Toluene	TO-15	5/19/2009	2.46	1	2.5	ND	µg/m³	R19597
4-Methyl-2-Pentanone (MIBK)	TO-15	5/19/2009	2.05	1	2.0	ND	µg/m³	R19597
Acetone	TO-15	5/19/2009	9.52	1	9.5	ND	µg/m³	R19597
Benzene	TO-15	5/19/2009	1.6	1	1.6	ND	µg/m³	R19597
Bromodichloromethane	TO-15	5/19/2009	3.35	1	3.4	ND	µg/m³	R19597
Bromoform	TO-15	5/19/2009	5.17	1	5.2	ND	µg/m³	R19597
Bromomethane	TO-15	5/19/2009	1.94	1	1.9	ND	µg/m³	R19597
Carbon Disulfide	TO-15	5/19/2009	1.56	1	1.6	ND	µg/m³	R19597
Carbon Tetrachloride	TO-15	5/19/2009	3.15	1	3.2	ND	µg/m³	R19597
Chlorobenzene	TO-15	5/19/2009	2.3	1	2.3	ND	µg/m³	R19597
Chloroethane	TO-15	5/19/2009	1.32	1	1.3	ND	µg/m³	R19597
Chloroform	TO-15	5/19/2009	2.44	1	2.4	ND	µg/m³	R19597
Chloromethane	TO-15	5/19/2009	1.04	1	1.0	ND	µg/m³	R19597
cis-1,2-dichloroethene	TO-15	5/19/2009	1.98	1	2.0	ND	µg/m³	R19597
cis-1,3-Dichloropropene	TO-15	5/19/2009	2.27	1	2.3	ND	µg/m³	R19597
Dibromochloromethane	TO-15	5/19/2009	4.26	1	4.3	ND	µg/m³	R19597
Dichlorodifluoromethane	TO-15	5/19/2009	2.48	1	2.5	ND	µg/m³	R19597
Diisopropyl ether (DIPE)	TO-15	5/19/2009	2.09	1	2.1	ND	µg/m³	R19597
Ethyl Acetate	TO-15	5/19/2009	1.8	1	1.8	ND	µg/m³	R19597
Ethyl Benzene	TO-15	5/19/2009	2.17	1	2.2	ND	µg/m³	R19597
Ethyl tert-butyl ether (ETBE)	TO-15	5/19/2009	2.09	1	2.1	ND	µg/m³	R19597
Freon 113	TO-15	5/19/2009	3.83	1	3.8	ND	µg/m³	R19597
Hexachlorobutadiene	TO-15	5/19/2009	5.34	1	5.3	ND	µg/m³	R19597

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Julia Siudyla
ACC Environmental

Date Received: 5/18/2009
Date Reported: 5/20/2009

Client Sample ID: SV-3
Sample Location: 3761 Park Blvd.Way
Sample Matrix: AIR
Date/Time Sampled 5/15/2009 10:50:00 AM

Lab Sample ID: 0905113-003
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Hexane	TO-15	5/19/2009	14.1	1	14	ND	µg/m³	R19597
Isopropanol	TO-15	5/19/2009	16.4	1	16	ND	µg/m³	R19597
m,p-Xylene	TO-15	5/19/2009	2.05	1	2.0	ND	µg/m³	R19597
Methylene Chloride	TO-15	5/19/2009	3.61	1	3.6	ND	µg/m³	R19597
MTBE	TO-15	5/19/2009	1.81	1	1.8	ND	µg/m³	R19597
Naphthalene	TO-15	5/19/2009	2.62	1	2.6	ND	µg/m³	R19597
o-xylene	TO-15	5/19/2009	2.17	1	2.2	ND	µg/m³	R19597
Styrene	TO-15	5/19/2009	2.13	1	2.1	ND	µg/m³	R19597
t-Butyl alcohol (t-Butanol)	TO-15	5/19/2009	6.06	1	6.1	ND	µg/m³	R19597
tert-Amyl methyl ether (TAME)	TO-15	5/19/2009	2.09	1	2.1	ND	µg/m³	R19597
Tetrachloroethene	TO-15	5/19/2009	3.39	1	3.4	ND	µg/m³	R19597
Toluene	TO-15	5/19/2009	1.89	1	1.9	ND	µg/m³	R19597
trans-1,2-Dichloroethene	TO-15	5/19/2009	1.98	1	2.0	ND	µg/m³	R19597
Trichloroethene	TO-15	5/19/2009	2.69	1	2.7	ND	µg/m³	R19597
Trichlorofluoromethane	TO-15	5/19/2009	2.48	1	2.5	ND	µg/m³	R19597
Vinyl Acetate	TO-15	5/19/2009	1.76	1	1.8	ND	µg/m³	R19597
Vinyl Chloride	TO-15	5/19/2009	1.28	1	1.3	ND	µg/m³	R19597
Surr: 4-Bromofluorobenzene	TO-15	5/19/2009	0	1	65-135	58.8	%REC	R19597

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Julia Siudyla
ACC Environmental

Date Received: 5/18/2009
Date Reported: 5/20/2009

Client Sample ID: SV-4
Sample Location: 3761 Park Blvd.Way
Sample Matrix: AIR
Date/Time Sampled 5/15/2009 11:52:00 AM

Lab Sample ID: 0905113-004
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	5/19/2009	1.99	1	2.0	ND	µg/m³	R19597
1,1,1,2-Tetrachloroethane	TO-15	5/19/2009	3.44	1	3.4	ND	µg/m³	R19597
1,1,1-Trichloroethane	TO-15	5/19/2009	2.73	1	2.7	ND	µg/m³	R19597
1,1,2,2-Tetrachloroethane	TO-15	5/19/2009	3.44	1	3.4	ND	µg/m³	R19597
1,1,2-Trichloroethane	TO-15	5/19/2009	2.73	1	2.7	ND	µg/m³	R19597
1,1-Dichloroethane	TO-15	5/19/2009	2.03	1	2.0	ND	µg/m³	R19597
1,1-Difluoroethane	TO-15	5/19/2009	27	1	27	ND	µg/m³	R19597
1,2,4-Trichlorobenzene	TO-15	5/19/2009	3.56	1	3.6	ND	µg/m³	R19597
1,2,4-Trimethylbenzene	TO-15	5/19/2009	2.46	1	2.5	ND	µg/m³	R19597
1,2-Dibromoethane(Ethylene dibromide)	TO-15	5/19/2009	3.84	1	3.8	ND	µg/m³	R19597
1,2-Dichlorobenzene	TO-15	5/19/2009	3.01	1	3.0	ND	µg/m³	R19597
1,2-Dichloroethane	TO-15	5/19/2009	2.03	1	2.0	ND	µg/m³	R19597
1,2-Dichloropropane	TO-15	5/19/2009	2.31	1	2.3	ND	µg/m³	R19597
1,3,5-Trimethylbenzene	TO-15	5/19/2009	2.46	1	2.5	ND	µg/m³	R19597
1,3-Butadiene	TO-15	5/19/2009	4.44	1	4.4	ND	µg/m³	R19597
1,3-Dichlorobenzene	TO-15	5/19/2009	3.01	1	3.0	ND	µg/m³	R19597
1,4-Dichlorobenzene	TO-15	5/19/2009	3.01	1	3.0	ND	µg/m³	R19597
1,4-Dioxane	TO-15	5/19/2009	1.8	1	1.8	ND	µg/m³	R19597
2-Butanone (MEK)	TO-15	5/19/2009	1.48	1	1.5	ND	µg/m³	R19597
2-Hexanone	TO-15	5/19/2009	2.05	1	2.0	ND	µg/m³	R19597
4-Ethyl Toluene	TO-15	5/19/2009	2.46	1	2.5	ND	µg/m³	R19597
4-Methyl-2-Pentanone (MIBK)	TO-15	5/19/2009	2.05	1	2.0	ND	µg/m³	R19597
Acetone	TO-15	5/19/2009	9.52	1	9.5	ND	µg/m³	R19597
Benzene	TO-15	5/19/2009	1.6	1	1.6	ND	µg/m³	R19597
Bromodichloromethane	TO-15	5/19/2009	3.35	1	3.4	ND	µg/m³	R19597
Bromoform	TO-15	5/19/2009	5.17	1	5.2	ND	µg/m³	R19597
Bromomethane	TO-15	5/19/2009	1.94	1	1.9	ND	µg/m³	R19597
Carbon Disulfide	TO-15	5/19/2009	1.56	1	1.6	ND	µg/m³	R19597
Carbon Tetrachloride	TO-15	5/19/2009	3.15	1	3.2	ND	µg/m³	R19597
Chlorobenzene	TO-15	5/19/2009	2.3	1	2.3	ND	µg/m³	R19597
Chloroethane	TO-15	5/19/2009	1.32	1	1.3	ND	µg/m³	R19597
Chloroform	TO-15	5/19/2009	2.44	1	2.4	ND	µg/m³	R19597
Chloromethane	TO-15	5/19/2009	1.04	1	1.0	ND	µg/m³	R19597
cis-1,2-dichloroethene	TO-15	5/19/2009	1.98	1	2.0	ND	µg/m³	R19597
cis-1,3-Dichloropropene	TO-15	5/19/2009	2.27	1	2.3	ND	µg/m³	R19597
Dibromochloromethane	TO-15	5/19/2009	4.26	1	4.3	ND	µg/m³	R19597
Dichlorodifluoromethane	TO-15	5/19/2009	2.48	1	2.5	ND	µg/m³	R19597
Diisopropyl ether (DIPE)	TO-15	5/19/2009	2.09	1	2.1	ND	µg/m³	R19597
Ethyl Acetate	TO-15	5/19/2009	1.8	1	1.8	ND	µg/m³	R19597
Ethyl Benzene	TO-15	5/19/2009	2.17	1	2.2	ND	µg/m³	R19597
Ethyl tert-butyl ether (ETBE)	TO-15	5/19/2009	2.09	1	2.1	ND	µg/m³	R19597
Freon 113	TO-15	5/19/2009	3.83	1	3.8	ND	µg/m³	R19597
Hexachlorobutadiene	TO-15	5/19/2009	5.34	1	5.3	ND	µg/m³	R19597

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Julia Siudyla
ACC Environmental

Date Received: 5/18/2009
Date Reported: 5/20/2009

Client Sample ID: SV-4
Sample Location: 3761 Park Blvd.Way
Sample Matrix: AIR
Date/Time Sampled 5/15/2009 11:52:00 AM

Lab Sample ID: 0905113-004
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Hexane	TO-15	5/19/2009	14.1	1	14	ND	µg/m³	R19597
Isopropanol	TO-15	5/19/2009	16.4	1	16	ND	µg/m³	R19597
m,p-Xylene	TO-15	5/19/2009	2.05	1	2.0	ND	µg/m³	R19597
Methylene Chloride	TO-15	5/19/2009	3.61	1	3.6	ND	µg/m³	R19597
MTBE	TO-15	5/19/2009	1.81	1	1.8	ND	µg/m³	R19597
Naphthalene	TO-15	5/19/2009	2.62	1	2.6	ND	µg/m³	R19597
o-xylene	TO-15	5/19/2009	2.17	1	2.2	ND	µg/m³	R19597
Styrene	TO-15	5/19/2009	2.13	1	2.1	ND	µg/m³	R19597
t-Butyl alcohol (t-Butanol)	TO-15	5/19/2009	6.06	1	6.1	ND	µg/m³	R19597
tert-Amyl methyl ether (TAME)	TO-15	5/19/2009	2.09	1	2.1	ND	µg/m³	R19597
Tetrachloroethene	TO-15	5/19/2009	3.39	1	3.4	ND	µg/m³	R19597
Toluene	TO-15	5/19/2009	1.89	1	1.9	ND	µg/m³	R19597
trans-1,2-Dichloroethene	TO-15	5/19/2009	1.98	1	2.0	ND	µg/m³	R19597
Trichloroethene	TO-15	5/19/2009	2.69	1	2.7	ND	µg/m³	R19597
Trichlorofluoromethane	TO-15	5/19/2009	2.48	1	2.5	ND	µg/m³	R19597
Vinyl Acetate	TO-15	5/19/2009	1.76	1	1.8	ND	µg/m³	R19597
Vinyl Chloride	TO-15	5/19/2009	1.28	1	1.3	ND	µg/m³	R19597
Surr: 4-Bromofluorobenzene	TO-15	5/19/2009	0	1	65-135	58.5	%REC	R19597

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

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 #

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

CLIENT: ACC Environmental
Work Order: 0905113
Project: 3761 Park Blvd.Way

ANALYTICAL QC SUMMARY REPORT

BatchID: R19597

Sample ID **MB-R19597**	SampType: **MBLK**	TestCode: **TO-15**	Units: **ppbv**	Prep Date: **5/19/2009**	RunNo: **19597**				
Client ID: **ZZZZZ**	Batch ID: **R19597**	TestNo: **TO-15**		Analysis Date: **5/19/2009**	SeqNo: **283530**				

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									
1,3,5-Trimethylbenzene	ND	0.50									
1,3-Butadiene	ND	2.0									
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									
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									
Chloroethane	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: ACC Environmental
Work Order: 0905113
Project: 3761 Park Blvd.Way

ANALYTICAL QC SUMMARY REPORT

BatchID: R19597

Sample ID **MB-R19597**	SampType: **MBLK**	TestCode: **TO-15**	Units: **ppbv**	Prep Date: **5/19/2009**	RunNo: **19597**
Client ID: **ZZZZZ**	Batch ID: **R19597**	TestNo: **TO-15**		Analysis Date: **5/19/2009**	SeqNo: **283530**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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									
Diisopropyl ether (DIPE)	ND	0.50									
Ethyl Acetate	ND	0.50									
Ethyl Benzene	ND	0.50									
Ethyl tert-butyl ether (ETBE)	ND	0.50									
Freon 113	ND	0.50									
Hexachlorobutadiene	ND	0.50									
Hexane	ND	2.0									
Isopropanol	ND	4.0									
m,p-Xylene	ND	0.50									
Methylene Chloride	ND	1.0									
MTBE	ND	0.50									
Naphthalene	ND	0.50									
o-xylene	ND	0.50									
Styrene	ND	0.50									
t-Butyl alcohol (t-Butanol)	ND	2.0									
tert-Amyl methyl ether (TAME)	ND	0.50									
Tetrachloroethene	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	ND	0									

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: ACC Environmental
Work Order: 0905113
Project: 3761 Park Blvd.Way

ANALYTICAL QC SUMMARY REPORT

BatchID: R19597

Sample ID **LCS-R19597**	SampType: **LCS**	TestCode: **TO-15**	Units: **ppbv**	Prep Date: **5/19/2009**	RunNo: **19597**
Client ID: **ZZZZZ**	Batch ID: **R19597**	TestNo: **TO-15**		Analysis Date: **5/19/2009**	SeqNo: **283531**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1 - Dichloroethene	10.13	0.50	10	0	101	65	135				
1,1,1,2-Tetrachloroethane	10.24	0.50	10	0	102	65	135				
1,1,1-Trichloroethane	10.57	0.50	10	0	106	65	135				
1,1,2,2-Tetrachloroethane	10.64	0.50	10	0	106	65	135				
1,1,2-Trichloroethane	10.07	0.50	10	0	101	65	135				
1,1-Dichloroethane	10.60	0.50	10	0	106	65	135				
1,2,4-Trichlorobenzene	10.36	0.50	10	0	104	65	135				
1,2,4-Trimethylbenzene	10.86	0.50	10	0	109	65	135				
1,2-Dibromoethane(Ethylene dibromide	9.958	0.50	10	0	99.6	65	135				
1,2-Dichlorobenzene	10.66	0.50	10	0	107	65	135				
1,2-Dichloroethane	10.70	0.50	10	0	107	65	135				
1,2-Dichloropropane	10.22	0.50	10	0	102	65	135				
1,3,5-Trimethylbenzene	10.90	0.50	10	0	109	65	135				
1,3-Butadiene	9.642	2.0	10	0	96.4	65	135				
1,3-Dichlorobenzene	10.80	0.50	10	0	108	65	135				
1,4-Dichlorobenzene	10.75	0.50	10	0	107	65	135				
1,4-Dioxane	9.903	0.50	10	0	99.0	65	135				
2-Butanone (MEK)	10.90	0.50	10	0	109	65	135				
2-Hexanone	10.07	0.50	10	0	101	65	135				
4-Ethyl Toluene	10.20	0.50	10	0	102	65	135				
4-Methyl-2-Pentanone (MIBK)	10.43	0.50	10	0	104	65	135				
Acetone	10.25	4.0	10	0	102	65	135				
Benzene	10.56	0.50	10	0	106	65	135				
Bromodichloromethane	10.02	0.50	10	0	100	65	135				
Bromoform	10.74	0.50	10	0	107	65	135				
Bromomethane	10.58	0.50	10	0	106	65	135				
Carbon Disulfide	9.992	0.50	10	0	99.9	65	135				
Carbon Tetrachloride	9.507	0.50	10	0	95.1	65	135				
Chlorobenzene	10.79	0.50	10	0	108	65	135				
Chloroethane	10.31	0.50	10	0	103	65	135				
Chloroform	10.43	0.50	10	0	104	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: ACC Environmental
Work Order: 0905113
Project: 3761 Park Blvd.Way

ANALYTICAL QC SUMMARY REPORT

BatchID: R19597

Sample ID **LCS-R19597**	SampType: **LCS**	TestCode: **TO-15**	Units: **ppbv**	Prep Date: **5/19/2009**	RunNo: **19597**
Client ID: **ZZZZZ**	Batch ID: **R19597**	TestNo: **TO-15**		Analysis Date: **5/19/2009**	SeqNo: **283531**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	10.30	0.50	10	0	103	65	135				
cis-1,2-dichloroethene	11.09	0.50	10	0	111	65	135				
cis-1,3-Dichloropropene	9.817	0.50	10	0	98.2	65	135				
Dibromochloromethane	10.30	0.50	10	0	103	65	135				
Diisopropyl ether (DIPE)	10.56	0.50	10	0	106	65	135				
Ethyl Acetate	11.04	0.50	10	0	110	65	135				
Ethyl Benzene	11.06	0.50	10	0	111	65	135				
Ethyl tert-butyl ether (ETBE)	10.55	0.50	10	0	106	65	135				
Freon 113	10.18	0.50	10	0	102	65	135				
Hexachlorobutadiene	10.52	0.50	10	0	105	65	135				
Hexane	10.22	2.0	10	0	102	65	135				
Isopropanol	11.36	4.0	10	0	114	65	135				
m,p-Xylene	10.28	0.50	10	0	103	65	135				
Methylene Chloride	9.929	1.0	10	0	99.3	65	135				
MTBE	10.46	0.50	10	0	105	65	135				
Naphthalene	10.73	0.50	10	0	107	65	135				
o-xylene	11.33	0.50	10	0	113	65	135				
Styrene	10.95	0.50	10	0	110	65	135				
t-Butyl alcohol (t-Butanol)	10.79	2.0	10	0	108	65	135				
tert-Amyl methyl ether (TAME)	9.979	0.50	10	0	99.8	65	135				
Tetrachloroethene	9.937	0.50	10	0	99.4	65	135				
Toluene	10.78	0.50	10	0	108	65	135				
trans-1,2-Dichloroethene	10.56	0.50	10	0	106	65	135				
Trichloroethene	9.990	0.50	10	0	99.9	65	135				
Vinyl Acetate	10.19	0.50	10	0	102	65	135				
Vinyl Chloride	10.35	0.50	10	0	104	65	135				
Surr: 4-Bromofluorobenzene	10.86	0	10	0	109	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: ACC Environmental
Work Order: 0905113
Project: 3761 Park Blvd.Way

ANALYTICAL QC SUMMARY REPORT

BatchID: R19597

Sample ID **LCSD-R19597**	SampType: **LCSD**	TestCode: **TO-15**	Units: **ppbv**	Prep Date: **5/19/2009**	RunNo: **19597**
Client ID: **ZZZZZ**	Batch ID: **R19597**	TestNo: **TO-15**		Analysis Date: **5/19/2009**	SeqNo: **283532**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1 - Dichloroethene	9.763	0.50	10	0	97.6	65	135	10.13	3.65	30	
1,1,1,2-Tetrachloroethane	10.12	0.50	10	0	101	65	135	10.24	1.16	30	
1,1,1-Trichloroethane	10.20	0.50	10	0	102	65	135	10.57	3.55	30	
1,1,2,2-Tetrachloroethane	10.40	0.50	10	0	104	65	135	10.64	2.29	30	
1,1,2-Trichloroethane	9.952	0.50	10	0	99.5	65	135	10.07	1.22	30	
1,1-Dichloroethane	10.22	0.50	10	0	102	65	135	10.6	3.62	30	
1,2,4-Trichlorobenzene	10.66	0.50	10	0	107	65	135	10.36	2.83	30	
1,2,4-Trimethylbenzene	10.71	0.50	10	0	107	65	135	10.86	1.35	30	
1,2-Dibromoethane(Ethylene dibromide	9.927	0.50	10	0	99.3	65	135	9.958	0.312	30	
1,2-Dichlorobenzene	10.75	0.50	10	0	108	65	135	10.66	0.878	30	
1,2-Dichloroethane	10.12	0.50	10	0	101	65	135	10.7	5.61	30	
1,2-Dichloropropane	9.866	0.50	10	0	98.7	65	135	10.22	3.52	30	
1,3,5-Trimethylbenzene	10.69	0.50	10	0	107	65	135	10.9	1.97	30	
1,3-Butadiene	9.536	2.0	10	0	95.4	65	135	9.642	1.11	30	
1,3-Dichlorobenzene	10.91	0.50	10	0	109	65	135	10.8	1.03	30	
1,4-Dichlorobenzene	10.80	0.50	10	0	108	65	135	10.75	0.483	30	
1,4-Dioxane	9.666	0.50	10	0	96.7	65	135	9.903	2.42	30	
2-Butanone (MEK)	10.40	0.50	10	0	104	65	135	10.9	4.72	30	
2-Hexanone	9.610	0.50	10	0	96.1	65	135	10.07	4.70	30	
4-Ethyl Toluene	9.977	0.50	10	0	99.8	65	135	10.2	2.18	30	
4-Methyl-2-Pentanone (MIBK)	9.991	0.50	10	0	99.9	65	135	10.43	4.31	30	
Acetone	9.578	4.0	10	0	95.8	65	135	10.25	6.74	30	
Benzene	10.37	0.50	10	0	104	65	135	10.56	1.82	30	
Bromodichloromethane	9.828	0.50	10	0	98.3	65	135	10.02	1.93	30	
Bromoform	10.68	0.50	10	0	107	65	135	10.74	0.532	30	
Bromomethane	10.19	0.50	10	0	102	65	135	10.58	3.70	30	
Carbon Disulfide	9.807	0.50	10	0	98.1	65	135	9.992	1.87	30	
Carbon Tetrachloride	9.274	0.50	10	0	92.7	65	135	9.507	2.48	30	
Chlorobenzene	10.87	0.50	10	0	109	65	135	10.79	0.757	30	
Chloroethane	9.956	0.50	10	0	99.6	65	135	10.31	3.53	30	
Chloroform	10.12	0.50	10	0	101	65	135	10.43	3.05	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: ACC Environmental
Work Order: 0905113
Project: 3761 Park Blvd.Way

ANALYTICAL QC SUMMARY REPORT

BatchID: R19597

Sample ID **LCSD-R19597**	SampType: **LCSD**	TestCode: **TO-15**	Units: **ppbv**	Prep Date: **5/19/2009**	RunNo: **19597**
Client ID: **ZZZZZ**	Batch ID: **R19597**	TestNo: **TO-15**		Analysis Date: **5/19/2009**	SeqNo: **283532**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	9.666	0.50	10	0	96.7	65	135	10.3	6.30	30	
cis-1,2-dichloroethene	10.55	0.50	10	0	106	65	135	11.09	4.96	30	
cis-1,3-Dichloropropene	9.707	0.50	10	0	97.1	65	135	9.817	1.13	30	
Dibromochloromethane	10.18	0.50	10	0	102	65	135	10.3	1.13	30	
Diisopropyl ether (DIPE)	10.07	0.50	10	0	101	65	135	10.56	4.68	30	
Ethyl Acetate	10.43	0.50	10	0	104	65	135	11.04	5.77	30	
Ethyl Benzene	10.79	0.50	10	0	108	65	135	11.06	2.49	30	
Ethyl tert-butyl ether (ETBE)	9.971	0.50	10	0	99.7	65	135	10.55	5.65	30	
Freon 113	9.974	0.50	10	0	99.7	65	135	10.18	2.09	30	
Hexachlorobutadiene	10.41	0.50	10	0	104	65	135	10.52	1.11	30	
Hexane	9.874	2.0	10	0	98.7	65	135	10.22	3.42	30	
Isopropanol	10.63	4.0	10	0	106	65	135	11.36	6.68	30	
m,p-Xylene	9.868	0.50	10	0	98.7	65	135	10.28	4.07	30	
Methylene Chloride	9.669	1.0	10	0	96.7	65	135	9.929	2.65	30	
MTBE	10.14	0.50	10	0	101	65	135	10.46	3.15	30	
Naphthalene	10.66	0.50	10	0	107	65	135	10.73	0.626	30	
o-xylene	11.04	0.50	10	0	110	65	135	11.33	2.60	30	
Styrene	10.94	0.50	10	0	109	65	135	10.95	0.146	30	
t-Butyl alcohol (t-Butanol)	10.25	2.0	10	0	103	65	135	10.79	5.07	30	
tert-Amyl methyl ether (TAME)	9.852	0.50	10	0	98.5	65	135	9.979	1.28	30	
Tetrachloroethene	9.997	0.50	10	0	100	65	135	9.937	0.602	30	
Toluene	10.57	0.50	10	0	106	65	135	10.78	1.94	30	
trans-1,2-Dichloroethene	10.11	0.50	10	0	101	65	135	10.56	4.38	30	
Trichloroethene	9.997	0.50	10	0	100	65	135	9.99	0.0700	30	
Vinyl Acetate	9.857	0.50	10	0	98.6	65	135	10.19	3.36	30	
Vinyl Chloride	10.08	0.50	10	0	101	65	135	10.35	2.67	30	
Surr: 4-Bromofluorobenzene	10.57	0	10	0	106	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

Torrent LABORATORY, INC.
483 Sinclair Frontage Road
Milpitas, CA 95035
Phone: 408.263.5258
FAX: 408.263.8293
www.torrentlab.com

CHAIN OF CUSTODY

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

LAB WORK ORDER NO: 0905113

Company Name: ACC Environmental Consultants	Location of Sampling: 3761 Park Blvd way
Address: 7977 Capwell Drive	Purpose:
City: Oakland State: CA Zip Code: 94621	Special Instructions / Comments: Tracer Gas: TetraFluoroethane
Telephone: 510 638 8400 x110 FAX: 510 638 8404	
REPORT TO: Julia Siudyla SAMPLER: Julia Siudyla	P.O. #: EMAIL: JSiudyla@accenv.com

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

ANALYSIS REQUESTED

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	TO-15	REMARKS
001A	SV-1	5-15-09 / 9:19	Air	1	summa	+	
002A	SV-2	5-15-09 / 10:15	Air	1	summa	+	
003A	SV-3	5-15-09 / 10:50	Air	1	summa	+	
004A	SV-4	5-15-09 / 11:52	Air	1	summa	+	

RUSH 2 DAYS

TORRENT LAB

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1		Julia Siudyla	5-18-09	12:32		PAUL DIAZ	5.18.09	12:32
2		PAUL DIAZ	5-18-09	1:26	D. G. Khodasara	NAVIN	5/18/09	1:26 P.m.

Were Samples Received in Good Condition? ☑ Yes ☐ NO Samples on Ice? ☐ Yes ☑ NO Method of Shipment Hispeed 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.

Log In By: _____ Date: _____ Log In Reviewed By: _____ Date: _____

EQUIPMENT: Geoprobe Hydraulic Sampling Device
OPERATED BY: Environmental Control Associates
LOGGED BY: Julia Siudyla
LOCATION: 3761 Park Boulevard Way, Oakland, CA
WORK DATE: 12/2/08
BORING: SB-1

Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	
				0	Asphalt pavement
	0			2	Sandy Clay (CL), Oive Grey, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand, damp, no odor or discoloration noted (interpreted as fill)
	18.8			4	
	127				Sandy Clay (CL),Dark Brown, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand, damp, gasoline odor and dark grey to black discoloration
Strong Gasoline Odor	499	SB-1 (6.5 - 7.0)		6	
	6469			8	
	78			10	
	86			12	
				14	
	100	SB-1 (17-18)		16	
	180			18	Clay (CH),Greenish Grey, mod. to highly plastic, medium stiff, slight gasoline odor, no discoloration noted
				20	
				22	
				24	**TOTAL DEPTH OF BORING: 24.0 feet bgs**
				26	
				28	

ACC Environmental Consultants, Inc.
7977 Capwell Drive, Suite 100
Oakland, California 94621
(510)638-8400 FAX: (510)638-8404

Project Number **6783-001.01**

Date: 12/2/08

Title **LOG OF BORING SB-1**

EQUIPMENT: Geoprobe Hydraulic Sampling Device
OPERATED BY: Environmental Control Associates
LOGGED BY: Julia Siudyla
LOCATION: 3761 Park Boulevard Way, Oakland, CA
WORK DATE: 12/2/08
BORING: SB-2

Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)
				0
	16.4			2
	80			
	180	SB-2 (5 -6)		4
	196			6
Gasoline Odor	126			
	135	SB-2 (9.5 - 10.0)		8
	93			10
	25			12
	0			14
				16
				18
				20
				22
				24
				26
				28

Asphalt pavement

Sandy Clay (CL), Brown, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand, damp, no odor or discoloration noted (interpreted as fill)

Sandy Clay (CL),Greenish Grey to Dark Grey, slightly to mod.plastic, medium stiff to soft, with fine to med grained sand, damp, gasoline odor and slight discoloration

Clay (CH),Dark Grey, mod. to highly plastic, medium stiff, gasoline odor, no discoloration noted

TOTAL DEPTH OF BORING: 16 feet bgs

ACC Environmental Consultants, Inc.
7977 Capwell Drive, Suite 100
Oakland, California 94621
(510)638-8400 FAX: (510)638-8404

Project Number **6783-001.01**

Date: 12/2/08

Title **LOG OF BORING SB-2**

EQUIPMENT: Geoprobe Hydraulic Sampling Device
OPERATED BY: Environmental Control Associates
LOGGED BY: Julia Siudyla
LOCATION: 3761 Park Boulevard Way, Oakland, CA
WORK DATE: 5/14/09
BORING: SB-2A

Soil Color Color Code Munsell Soil Color Chart	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	
				0	Asphalt pavement
7.5YR 5/6	80	SB-2A (3 - 3.5)		2	Sandy Clay (CL), Brown, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand, damp, no odor or discoloration noted (interpreted as fill)
7.5YR 5/2	86			4	Sandy Clay (CL), Greenish Grey to Dark Grey, slightly to mod.plastic, medium stiff to soft, with fine to med grained sand, damp, gasoline odor and slight discoloration
	126			6	
	16			8	
	75			10	Sandy Clay (CL), Dark Grey, mod. to highly plastic, medium stiff, gasoline odor, no discoloration noted
.GLEY 1 10Y	25			12	
	0	SB-2A (14 - 15)		14	
				16	**TOTAL DEPTH OF BORING: 15 feet bgs**
				18	
				20	
				22	
				24	
				26	
				28	

ACC Environmental Consultants, Inc.
7977 Capwell Drive, Suite 100
Oakland, California 94621
(510)638-8400 FAX: (510)638-8404

Project Number **6783-001.01**

Date: 5/14/09

Title **LOG OF BORING SB-2A**

EQUIPMENT: Geoprobe Hydraulic Sampling Device
OPERATED BY: Environmental Control Associates
LOGGED BY: Julia Siudyla
LOCATION: 3761 Park Boulevard Way, Oakland, CA
WORK DATE: 12/2/08
BORING: SB-3

Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	
	0	No Sample Collected		0	Asphalt pavement
				2	Sandy Clay (CL), Oive Grey, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand, damp, no odor or discoloration noted (interpreted as fill)
				4	**Refusal Encountered at 2.5 feet bgs**
					TOTAL DEPTH OF BORING: 2.5 feet bgs
				6	
				8	
				10	
				12	
				14	
				16	
				18	
				20	
				22	
				24	
				26	
				28	

ACC Environmental Consultants, Inc.
7977 Capwell Drive, Suite 100
Oakland, California 94621
(510)638-8400 FAX: (510)638-8404

Project Number **6783-001.01**

Date: 12/2/08

Title **LOG OF BORING SB-3**

EQUIPMENT: Geoprobe Hydraulic Sampling Device
OPERATED BY: Environmental Control Associates
LOGGED BY: Julia Siudyla
LOCATION: 3761 Park Boulevard Way, Oakland, CA
WORK DATE: 12/2/08
BORING: SB-4

Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	
	0			0	Sandy Clay (CL), Brown, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand, damp, no odor or discoloration noted (interpreted as fill)
	0			2	
	0	SB-4 (4-5)		4	Sandy Clay (CL), Light Brown, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand, slight odor or discoloration
	0			6	
	0			8	
	1210	SB-4 (10-12)		10	Clay (CH),Dark Grey, mod. to highly plastic, medium stiff, gasoline odor, no discoloration noted
	1614			12	
	1100			14	
				16	**TOTAL DEPTH OF BORING: 16 feet bgs**
				18	
				20	
				22	
				24	
				26	
				28	

ACC Environmental Consultants, Inc.
7977 Capwell Drive, Suite 100
Oakland, California 94621
(510)638-8400 FAX: (510)638-8404

Project Number **6783-001.01**

Date: 12/2/08

Title **LOG OF BORING SB-4**

EQUIPMENT: Geoprobe Hydraulic Sampling Device
OPERATED BY: Environmental Control Associates
LOGGED BY: Julia Siudyla
LOCATION: 3761 Park Boulevard Way, Oakland, CA
WORK DATE: 12/22/08
BORING: SB-5

Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	
No staining, odors or discoloration noted in this soil boring.	0			0	Sandy Clay (CL), brown, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand, damp, no odor or discoloration noted.
	0			2	
	0	SB-5 (4-5)		4	Sandy Clay (CL), dark brown to Dark Grey, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand, no odor or discoloration.
	0			6	
	0			8	
	0			10	
	0			12	Slity Clay (CL), Tan, slightly to mod. plastic, medium stiff to soft, with slit, no odor or discoloration.
	0			14	
	0	SB-5 (15-16)		16	
	0			18	
	0	SB-5 (19-20)		20	**TOTAL DEPTH OF BORING: 50 feet bgs (soils were not logged below 20 feet bgs) Groundwater was encounted at 50 feet bgs**
				22	
				24	
				26	
				28	

ACC Environmental Consultants, Inc.
7977 Capwell Drive, Suite 100
Oakland, California 94621
(510)638-8400 FAX: (510)638-8404

Project Number **6783-001.01**

Date: 12/22/08

Title **LOG OF BORING SB-5**

EQUIPMENT: Geoprobe Hydraulic Sampling Device
OPERATED BY: Environmental Control Associates
LOGGED BY: Julia Siudyla
LOCATION: 3761 Park Boulevard Way, Oakland, CA
WORK DATE: 12/22/08
BORING: SB-6

Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	
				0	Concrete
	1643			2	Sandy Clay (CL), dark brown to dark grey, slightly to mod.plastic, medium stiff to soft, with fine to med grained sand, damp, no discoloration, slight gasoline odor observed.
	3291	SB-6 (4-5)		4	
				6	Sand (SW), grey, fine to med grained, damp, grey discoloration, gasoline odor observed.
	19.7	SB-6 (8-9)		8	
	5.7			10	Slity Clay (CL), greenish grey, slightly to mod. plastic, medium stiff to soft, with slit, no odor or discoloration.
	6.8			12	
				14	
				16	
				18	Clay (CH), black, slightly to mod. plastic, medium stiff to soft, with slit, no odor or discoloration.
	0	SB-6 (19-20)		20	
				22	**TOTAL DEPTH OF BORING: 30 feet bgs (soils were not logged below 20 feet bgs) Groundwater was not encountered**
				24	
				26	
				28	

ACC Environmental Consultants, Inc.
7977 Capwell Drive, Suite 100
Oakland, California 94621
(510)638-8400 FAX: (510)638-8404

Project Number **6783-001.01**

Date: 12/22/08

Title **LOG OF BORING SB-6**

EQUIPMENT: Geoprobe Hydraulic Sampling Device
OPERATED BY: Environmental Control Associates
LOGGED BY: Julia Siudyla
LOCATION: 3761 Park Boulevard Way, Oakland, CA
WORK DATE: 5/14/09
BORING: SB-6A

Soil Color Color Code (Munsell Soil Color Chart)	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	
				0	Concrete
7.5YR 5/6	50	SB-6A (3-4)		2	Sandy Clay (CL), dark brown to dark grey, slightly to mod.plastic, medium stiff to soft, with fine to med grained sand, damp, no discoloration, slight gasoline odor observed.
	13			4	
710 YR 5/1				6	Sand (SW), grey, fine to med grained, damp, grey discoloration, gasoline odor observed.
	19.7			8	
				10	Sandy Clay (CL), greenish grey, slightly to mod. plastic, medium stiff to soft, with slit, no odor or discoloration.
	22			12	
10 YR 4/1				14	
	24	SB-6A (14-15)		15	**TOTAL DEPTH OF BORING: 15 feet bgs**
				16	
				18	
				20	
				22	
				24	
				26	
				28	

ACC Environmental Consultants, Inc.
7977 Capwell Drive, Suite 100
Oakland, California 94621
(510)638-8400 FAX: (510)638-8404

Project Number **6783-001.01**

Date: 5/14/09

Title **LOG OF BORING SB-6A**

EQUIPMENT: Geoprobe Hydraulic Sampling Device
OPERATED BY: Environmental Control Associates
LOGGED BY: Julia Siudyla
LOCATION: 3761 Park Boulevard Way, Oakland, CA
WORK DATE: 12/22/08
BORING: SB-7

Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	
				0	Concrete
	0			2	Sandy Clay (CL), light brown to brown, slightly to mod.plastic, medium stiff to soft, with fine to med grained sand and gravel, damp, no discoloration or odor observed.
	0	SB-7 (4-5)		4	
				6	
	87	SB-7 (9-10)		8	Slity Clay (CL), dark brown to dark grey, slightly to mod. plastic, medium stiff to soft, with slit, no odor or discoloration.
	197			10	
	0			12	
				14	
	0			16	
				18	Slity Clay (CL),tan, slightly to mod. plastic, medium stiff to soft, with slit, no odor or discoloration.
	0			20	
		SB-7 (23-24)		22	
	0			24	**TOTAL DEPTH OF BORING: 36 feet bgs (soils were not logged below 24 feet bgs) Groundwater was not encountered**
				26	
				28	

ACC Environmental Consultants, Inc.
7977 Capwell Drive, Suite 100
Oakland, California 94621
(510)638-8400 FAX: (510)638-8404

Project Number **6783-001.01**

Date: 12/22/08

Title **LOG OF BORING SB-7**

EQUIPMENT: Geoprobe Hydraulic Sampling Device
OPERATED BY: Environmental Control Associates
LOGGED BY: Julia Siudyla
LOCATION: 3761 Park Boulevard Way, Oakland, CA
WORK DATE: 12/22/08
BORING: SB-8

Additional Observations	PID (ppm)	SAMPLE ID	depth below ground surface (ft)
			0
	0		2
			4
	0	SB-8 (5-6)	6
	0		8
			10
	0		12
			14
	0		16
			18
	0	SB-8 (18-19)	20
			22
	0		24
	0	SB-8 (24-25)	26
			28

Sandy Clay (CL), tan to brown, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand and oragnics,damp, no discoloration or odor observed.

Sandy Clay (CL), greenish grey to dark grey, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand , no odor or discoloration.

TOTAL DEPTH OF BORING: 36 feet bgs
(soils were not logged below 25eet bgs)
Groundwater was not encountered

ACC Environmental Consultants, Inc.
7977 Capwell Drive, Suite 100
Oakland, California 94621
(510)638-8400 FAX: (510)638-8404

Project Number **6783-001.01**

Date: 12/22/08

Title **LOG OF BORING SB-8**

EQUIPMENT: Geoprobe Hydraulic Sampling Device
OPERATED BY: Environmental Control Associates
LOGGED BY: Julia Siudyla
LOCATION: 3761 Park Boulevard Way, Oakland, CA
WORK DATE: 12/22/08
BORING: SB-9

Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)
				0
	0	SB-9 (3-4)		2
				4
	0			6
	0			8
				10
	0			12
				14
	0	SB-9 (15-16)		16
				18
				20
				22
				24
				26
				28

Sandy Clay (CL), brown, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand and oragnics,damp, no discoloration or odor observed.

Silty Clay (CL), dark grey, slightly to mod. plastic, medium stiff to soft, with silts, no odor or discoloration observed.

TOTAL DEPTH OF BORING: 16 feet bgs
Groundwater was not encountered

ACC Environmental Consultants, Inc.
7977 Capwell Drive, Suite 100
Oakland, California 94621
(510)638-8400 FAX: (510)638-8404

Project Number **6783-001.01**

Date: 12/22/08

Title **LOG OF BORING SB-9**

EQUIPMENT: Geoprobe Hydraulic Sampling Device
OPERATED BY: Environmental Control Associates
LOGGED BY: Julia Siudyla
LOCATION: 3761 Park Boulevard Way, Oakland, CA
WORK DATE: 12/22/08
BORING: SB-10

Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)
	0			0
	0			2
	0	SB-10 (7-8)		4
	0			6
	0			8
				10
	1600			12
	2026	SB-10 (15-16)		14
	840			16
				18
				20
				22
				24
				26
				28

Sandy Clay (CL), brown, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand, damp, no odor or discoloration noted.

Sandy Clay (CL), light brown, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand, no odor or discoloration observed.

Clay (CH), dark grey, mod. to highly plastic, medium stiff, gasoline odor, slight discoloration noted.

TOTAL DEPTH OF BORING: 16 feet bgs

ACC Environmental Consultants, Inc.
7977 Capwell Drive, Suite 100
Oakland, California 94621
(510)638-8400 FAX: (510)638-8404

Project Number **6783-001.01**

Date: 12/22/08

Title **LOG OF BORING SB-10**

EQUIPMENT: Geoprobe Hydraulic Sampling Device
OPERATED BY: Environmental Control Associates
LOGGED BY: Julia Siudyla
LOCATION: 3761 Park Boulevard Way, Oakland, CA
WORK DATE: 12/22/08
BORING: SB-11

Additional Observations	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	
				0	Concrete
	0				Sandy Clay (CL), brown, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand, damp, no odor or discoloration noted.
	0			2	
	0			4	
	117			6	
	121	SB-11 (7-8)		8	Sandy Clay (CL), dark grey, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand, slight odor or discoloration.
	0			10	
	0			12	
	0	SB-11 (15-16)		14	
				16	**TOTAL DEPTH OF BORING: 16 feet bgs**
				18	
				20	
				22	
				24	
				26	
				28	

ACC Environmental Consultants, Inc.
7977 Capwell Drive, Suite 100
Oakland, California 94621
(510)638-8400 FAX: (510)638-8404

Project Number **6783-001.01**

Date: 12/22/08

Title **LOG OF BORING SB-11**

EQUIPMENT: Geoprobe Hydraulic Sampling Device
OPERATED BY: Environmental Control Associates
LOGGED BY: Julia Siudyla
LOCATION: 3761 Park Boulevard Way, Oakland, CA
WORK DATE: 15/15/09
BORING: SB-12

Soil Color Color Code (Munsell Soil Color Chart)	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)
				0
7.5YR 5/6	0			5
	0	SB-12 (11-12)		10
	0			15
				20
2.5YR 3/3	0	SB-12 (28-29)		25
	0			30
				35
	0			40
				45
	0			50
	0			55
				60
				65
				70

Concrete

Sandy Clay (CL), brown, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand, damp, no odor or discoloration noted.

Clay (CH), dark brown, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand, no odor or discoloration.

TOTAL DEPTH OF BORING: 56 feet bgs

ACC Environmental Consultants, Inc.
7977 Capwell Drive, Suite 100
Oakland, California 94621
(510)638-8400 FAX: (510)638-8404

Project Number **6783-001.01**

Date: 5/15/09

Title **LOG OF BORING SB-12**

EQUIPMENT: Geoprobe Hydraulic Sampling Device
OPERATED BY: Environmental Control Associates
LOGGED BY: Julia Siudyla
LOCATION: 3761 Park Boulevard Way, Oakland, CA
WORK DATE: 15/15/09
BORING: SB-13

Soil Color Color Code (Munsell Soil Color Chart)	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)
5YR 3/2	0			0
				5
	0	SB-13 (8-9)		10
				15
	0			20
				25
	0			
Gley 4/10y				
	0	SB-13 (31-31)		30
				35
	0	SB-13 (38-39)		40
2.5YR 5/2				
	0			45
				50
	0			
				55
				60
				65
				70

Sandy Clay (CL), greyish-brown, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand, damp, no odor or discoloration noted.

Clay (CH), dark brown, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand, no odor or discoloration.

Clay (CH), tan, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand, no odor or discoloration.

TOTAL DEPTH OF BORING: 66 feet bgs

ACC Environmental Consultants, Inc.
7977 Capwell Drive, Suite 100
Oakland, California 94621
(510)638-8400 FAX: (510)638-8404

Project Number **6783-001.01**

Date: 5/15/09

Title **LOG OF BORING SB-13**

EQUIPMENT: Geoprobe Hydraulic Sampling Device
OPERATED BY: Environmental Control Associates
LOGGED BY: Julia Siudyla
LOCATION: 3761 Park Boulevard Way, Oakland, CA
WORK DATE: 15/15/09
BORING: SB-14

Soil Color Color Code (Munsell Soil Color Chart)	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	
				0	
10YR 3/1	0			5	Sandy Clay (CL), greyish-black, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand, damp, gasoline odor , no discoloration noted.
	0	SB-14 (9-10)		10	
10YR 4/2				15	Sandy Clay (CL), greyish-black, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand, damp, no odor or discoloration noted.
	0			20	
2.5YR 4/2	0			25	Clay (CH), dark brown, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand, no odor or discoloration.
	0	SB-14 (29-30)		30	
	0			35	
				40	
	0			45	
				50	
	0	SB-14 (50-51)		55	
				60	**TOTAL DEPTH OF BORING: 60 feet bgs**
				65	
				70	

ACC Environmental Consultants, Inc.
7977 Capwell Drive, Suite 100
Oakland, California 94621
(510)638-8400 FAX: (510)638-8404

Project Number **6783-001.01**

Date: 5/15/09

Title **LOG OF BORING SB-14**

EQUIPMENT: Geoprobe Hydraulic Sampling Device
OPERATED BY: Environmental Control Associates
LOGGED BY: Julia Siudyla
LOCATION: 3761 Park Boulevard Way, Oakland, CA
WORK DATE: 15/15/09
BORING: SB-15

Soil Color Color Code (Munsell Soil Color Chart)	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	
				0	
2.5 YR 5/2	0			5	Sandy Clay (CL), greyish-brown, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand, damp, gas odor, no discoloration noted.
	0	SB-15 (9-10)		10	
				15	
	0			20	
	0			25	Clay (CH), dark brown, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand, no odor or discoloration.
5YR 3/1		SB-15 (28-30)		30	
	0			35	
	0			40	Clay (CH), tan, slightly to mod. plastic, medium stiff to soft, with fine to med grained sand, no odor or discoloration.
2.5YR 3/2				45	
	0			50	
	0			55	
				60	▼
				65	**TOTAL DEPTH OF BORING: 67 feet bgs**
				70	

ACC Environmental Consultants, Inc.
7977 Capwell Drive, Suite 100
Oakland, California 94621
(510)638-8400 FAX: (510)638-8404

Project Number **6783-001.01**

Date: 5/15/09

Title **LOG OF BORING SB-15**