August 16, 2011

PHASE II SUBSURFACE INVESTIGATION REPORT

Property Identification:

1600 – 1630 Park Street Alameda, California 94501

AEI Project No. 298931

Prepared for:

Mr. John Buestad Foley Street Investments 1980 Mountain Boulevard, #208 Oakland, California 94611

Prepared by:

AEI Consultants 2500 Camino Diablo Walnut Creek, CA 94597 (925) 746-6000

RECEIVED

2:01 pm, Oct 10, 2011

Alameda County Environmental Health San Francisco HQ

Atlanta

Chicago

Costa Mesa

Dallas

Denver

Los Angeles

Miami

New York

Phoenix

Portland

San Jose

National Presence

Regional Focus

Local Solutions

October 6, 2011

Ms. Karel Detterman Alameda County Environmental Health 1131 Hārbor Bay Parkway, Suite 250 Alameda, California 94502

Subject:

Perjury Statement and Report Transmittal Phase II Subsurface Investigation Report

1600 – 1630 Park Street Alameda, California 94501 AEI Project No. 298931 ACEH RO#000008

Dear Ms. Detterman:

I declare under penalty of perjury, that the information and/or recommendations contained in the attached report for the above-referenced site are true and correct to the best of my knowledge.

If you have any questions or need additional information, please do not hesitate to call me or Mr. Peter McIntyre at AEI Consultants, (925) 746-6004.

Sincerely,

John Buestad President

JB/pm

Attachment

cc: Mr. Peter McIntyre, AEI Consultants, 2500 Camino Diablo, Walnut Creek, CA 94597

TABLE OF CONTENTS

INTRODUCTION	1
SITE DESCRIPTI	ON AND HISTORY1
INVESTIGATION	ACTIVITIES3
Drilling and Soil Sa Groundwater Samp Boring Destruction	y 3 mple Collection 3 ble Collection 4 4 s 4
FINDINGS AND I	RESULTS5
	ical Results
SUMMARY AND	CONCLUSIONS6
REPORT LIMITA	TIONS AND SIGNATURES8
	FIGURES
FIGURE 1 FIGURE 2	SITE LOCATION MAP SITE PLAN
	TABLES
TABLE 1 TABLE 2 TABLE 3 TABLE 4 TABLE 5 TABLE 6	SOIL SAMPLE ANALYTICAL DATA – TPH, MBTEX, AND POG SOIL SAMPLE ANALYTICAL DATA – VOCS, FUEL OXYGENATES, SVOCS, AND PCBS GROUNDWATER SAMPLE ANALYTICAL DATA – TPH, MBTEX, AND TRPH GROUNDWATER SAMPLE ANALYTICAL DATA – VOCS, FUEL OXYGENATES, SVOCS, AND PCB. SOIL SAMPLE ANALYTICAL DATA – SELECT METALS GROUNDWATER SAMPLE ANALYTICAL DATA – SELECT METALS
	APPENDICES
APPENDIX A APPENDIX B	Soil Boring Logs Laboratory Analytical Results



Environmental & Engineering Services

Tel: 925.746.6000 Fax: 925.746.6099

August 16, 2011

Mr. John Buestad Foley Street Investments 1980 Mountain Boulevard, #208 Oakland, California 94611

Subject: Phase II Subsurface Investigation Report

1600 – 1630 Park Street Alameda, California 94611 AEI Project No. 298931

Dear Mr. Buestad:

Introduction

This report describes the activities and results of the subsurface investigation performed by AEI Consultants at the above referenced property (Figure 1: Site Location Map). The investigation included a geophysical survey followed by the collection and analysis of soil and groundwater samples from nineteen (19) temporary soil boring locations advanced on the subject property (Figures 2 and 3). The scope of work was requested by the client to evaluate whether historical auto service and fueling operations had adversely impacted the subject property.

SITE DESCRIPTION AND HISTORY

The subject property consists of a former automobile dealership and repair facility (Good Chevrolet, 1600-1630 Park Street) on an irregularly shaped parcel totaling approximately 1.46 acres, is bound by Park Street to the northwest, 1650 Park Street to the northeast, Foley Street to the Southeast, and Tilden Way to the southwest in a mixed commercial and residential area of Alameda, California.

Good Chevrolet is improved with a two-story showroom and office building totaling approximately 11,264 square feet, a single-story service and parts building with a mezzanine storage area totaling approximately 6,400 square feet, and a single-story dealership office building totaling approximately 1,425 square feet. The buildings are not constructed with basements or sub-grade areas. Good Chevrolet has been vacant and unoccupied since approximately 2008. In addition to the subject property buildings, the property is improved with asphalt-paved parking areas and associated landscaping.

AEI performed a Phase I Environmental Site Assessment (Phase I ESA) for the site, dated July 5, 2011. The Phase I ESA identified the following Recognized Environmental Conditions (RECs) for the site:

- According to Mr. John Buono, the property owner, and records on file with the Alameda Fire Department (AFD), the subject property is equipped with one 10,000-gallon gasoline UST, one 4,000-gallon gasoline UST, and one 550-gallon waste oil UST at the southern portion of the site. The USTs are all constructed of steel, double-walled, electronically monitored, and were installed circa the mid 1980s. Based on the age of the on-site USTs, AEI was unable to rule out the potential that a release had occurred.
- According to the most recent groundwater monitoring report dated June 27, 2003, prepared by GeoPlexus, Inc. (GeoPlexus) on file with the Alameda County LOP, Petroleum Engineering, Inc. removed one 300-gallon waste oil UST and one 500-gallon gasoline UST in October 1986.

On June 23, 2011, AEI collected samples from MW-1 through MW-5 on the subject property, and the samples were analyzed for TPH-g, tert-amyl methyl ether (TAME), t-butyl alcohol (TBA), di-isopropyl ether (DIPE), ethyl tert-butyl ether (ETBE), methyl-t-butyl ether (MTBE), and BTEX. 610 ug/L TPH-g, 100 ug/L benzene, 46 ug/L ethylbenzene, 6.2 ug/L toluene, and 77 ug/L xylenes were detected in MW-1; 6,500 ug/L TPH-g, 2,100 ug/L benzene, 560 ug/L ethylbenzene, 210 ug/L toluene, and 150 ug/L xylenes were detected in MW-2; 1,300 ug/L TPH-g, 560 ug/L benzene, 86 ug/L ethylbenzene, 21 ug/L toluene, and 150 ug/L xylenes were detected in MW-3; 2.7 ug/L benzene, 1.0 ug/L ethylbenzene, and 1.7 ug/L xylenes were detected in MW-4; and 5.1 ug/L benzene, 12 ug/L ethylbenzene, 2.7 ug/L toluene, and 8.4 ug/L xylenes were detected in MW-5.

Based on this information, AEI recommended that the responsible party continue to pursue regulatory closure for the open LUST case.

- The 1948 and 1950 Sanborn maps indicate the subject property was developed with a gas
 and oil area on the southwest corner, for which records were not reasonably ascertainable
 at the regulatory agencies. The potential existed that the USTs may have leaked, been
 abandoned in place, and hence represented an REC.
- According to Mr. John Buono and site reconnaissance, five (5) below ground lifts were removed from the Good Chevrolet service building in the mid 1980s. An additional five (5) existing hydraulic lifts are located within the Good Chevrolet service building. No soil sampling was reportedly conducted at the time of the lifts removed in the mid 1980s. It is unknown when the former lifts were installed; however, the subject property has operated as an automotive repair facility since circa the 1950s. Therefore, it is likely the lifts were installed at that time. PCBs were used in the past in dielectric fluids and oils in a variety of equipment, including hydraulic lift equipment. The former and current presence of the hydraulic lifts onsite represented an REC.
- The subject property operated as an automotive repair facility since circa the 1950s. Moderate staining was observed in the vicinity of the on-site equipment within the service building of Good Chevrolet. Three sealed floor drains were also observed in the vicinity of the staining. Due to the age of the building and the unknown integrity of the drain lines, the floor drains had the potential to have acted as conduits to the subsurface of the subject property for any materials discharged to the drain lines. The quantity of staining observed

August 16, 2011, AEI Project # 298931 1600 – 1630 Park Street, Alameda, CA Page 3 of 9

in combination with the presence of the sealed floor drains and long-term auto repair operations represented an REC.

AEI was requested by the client to evaluate whether a significant release to the subsurface had occurred from the former and current hydraulic lifts; the three sealed drains; the existing gas and waste oil USTs; and the former oil and gas area identified in historical Sanborn maps at the southwestern corner of the site.

INVESTIGATION ACTIVITIES

Geophysical Survey

On the morning of July 21, 2011, AEI mobilized to the site and performed a geophysical survey in collaboration with Subdynamic Utility Locating Services, Inc (Subdynamic). The survey perimeter covered the southwestern portion of the site, as noted on Figure 2: Site Plan, and consisted of approximately 9,000 square feet in area. The survey area was clear of obstructions (such as automobiles, dumpsters, etc.) during the survey. The survey area was initially scanned with direct and indirect induction to identify utilities in the survey area. Use of ground-penetrating radar (GPR) and a magnetometer was then employed to locate any typical buried/former UST signatures and/or magnetic anomalies. Use of GPR in an attempt to locate any former, backfilled UST tank holds was limited based on the amount of sand located beneath the survey perimeter, as it is difficult to differentiate between sandy sediments and fill material.

Based on the results of the geophysical survey, no evidence of remaining USTs or former tank holds was identified on the southwestern corner of the property.

Drilling and Soil Sample Collection

Prior to initiating field activities, Underground Service Alert North (USA North) was notified at least 48 hours to alert utilities in the vicinity. A soil boring drilling permit was obtained from the Alameda County Public Works Agency (ACPWA, Permit # W20010-0586). The soil boring locations were cleared of buried utility conduits by Subdynamic during the geophysical survey performed on July 21, 2011.

On July 25 and 26, 2011, AEI performed the drilling activities at the site. Nineteen (19) temporary soil borings (AEI-1 through AEI-19) were drilled adjacent to the existing and current hydraulic lifts within the 1618 - 1630 Park Street service building; the sealed drains within the 1618 - 1630 Park Street service building; existing gas and waste oil USTs southeast of the 1618 Park Street service building; and in the area of the former oil and gas feature identified in a historical Sanborn map at the southwestern portion of 1600 Park Street. The borings were advanced to depths ranging from 5 to 15 feet bgs for the collection of soil and groundwater samples.

The soil borings were advanced by a truck-mounted mechanized Geoprobe[®] 5410 direct push drilling rig. Drilling work was performed by Environmental Control Associates (ECA) of Aptos, California, California C57 license # 695970. The soil borings were continuously cored using a Geoprobe MacroCore[®] sampler that contained 4 foot long, 1.5 inch diameter acrylic liners. A 6 inch sample was cut from the liners at selected depths and retained for chemical analysis. The

August 16, 2011, AEI Project # 298931 1600 – 1630 Park Street, Alameda, CA Page 4 of 9

remainder of the core was examined and described by an AEI geologist. Selected soil samples were also retained for field screening using a photo ionization detector (PID). Significant chemical odors and PID readings were noted during soil sample collection from borings AEI-3, 4, and 6 through 8.

The ends of the samples selected for chemical analysis were sealed with Teflon film and plastic end-caps, labeled with at minimum, company name and project number, unique sample identifier, sampler's name, time and date of collection, and placed in a cooler with water ice pending transportation to a state-certified laboratory. Field screening data and descriptions of the cores are presented on the borings logs found in Appendix A.

Refer to Figures 2 and 3 for the soil boring locations.

Groundwater Sample Collection

Groundwater was encountered in all of the soil borings, with the exception of AEI-11 through AEI-13. Water saturated sand sediments were encountered at depths ranging from approximately 9.5 feet bgs to 12 feet bgs. Static groundwater levels were measured at depths ranging from approximately 7.4 feet bgs to 8.5 feet bgs. It should be noted that water table levels were slightly lower in the borings advanced within the former oil and gas area at the southwestern corner of 1600 Park Street.

Groundwater samples were collected from the borings by inserting a temporary 3/4" diameter slotted PVC casing into each borehole to facilitate collection of groundwater samples. Groundwater samples were collected using 1/4 poly tubing with a peristaltic pump into hydrogen chloride-preserved 40-ml VOA vials, 1-liter amber bottles, and nitric acid preserved 250-cc poly bottles (filtered in the field with 0.45 micron inline filters, if a dissolved metals analysis was performed). The VOAs were filled so that there was no headspace or visible air bubbles within the vials. Each sample was labeled with at minimum, company name and project number, unique sample identifier, sampler's name, time and date of collection, and then placed in a cooler with wet ice to await transportation to the laboratory. Petroleum hydrocarbon odors were noted during the collection of groundwater samples AEI-3-W, AEI-4-W, AEI-6-W, AEI-7-W, and AEI-8-W.

Boring Destruction

Following sample collection, each boring was backfilled with Portland Type I/II cement to the surface under the oversight of an ACPWA grout inspector.

Laboratory Analysis

The soil and groundwater samples were transported on July 27, 2011 to McCampbell Analytical Inc. (Department of Health Services Certification #1644) of Pittsburgh, California for analysis under chain of custody.

Twelve (12) soil and fourteen (14) groundwater samples were analyzed for Total Petroleum Hydrocarbons (TPH) as gasoline (TPH-g), TPH as diesel (TPH-d), and TPH as motor oil (TPH-mo) by EPA Method 8015. Silica gel cleanup was performed on all diesel and motor oil

analyses. Two (2) soil samples and two (2) groundwater samples were analyzed for TPH-g and MBTEX (collectively metyl butyl tertiary ether, benzene, toluene, ethylbenzene, and total xylenes) by EPA Method SW8021B. Three (3) soil and three (3) groundwater samples were analyzed for MBTEX by EPA Method SW8021B. Three (3) soil and one (1) groundwater samples were analyzed for Leaking Underground Fuel Tank 5 (LUFT 5) metals (Cadmium, total chromium, lead, nickel, and zinc) by EPA Method SW6010C. Three (3) soil samples were analyzed for lead by EPA Method SW6010B.

The following add-on samples were performed within applicable holding times. Five (5) soil samples were analyzed for TPH-g, TPH-d, and TPH-mo by EPA Method 8015. Six (6) soil and three (3) groundwater samples were analyzed for MTBE by EPA Method 8021B. Silica gel cleanup was performed on all diesel and motor oil analyses. One (1) soil and one (1) groundwater sample was analyzed for Petroleum Oil and Grease (POG) by EPA Method SM5520E/F and Total Recoverable Petroleum Hydrocarbons (TRPH) by EPA Method E418.1, respectively. Five (5) soil samples were analyzed for polychlorinated biphenyls (PCBs) by EPA Method SW8082. One (1) soil and one (1) groundwater sample was analyzed for 1,4-Dioxane by EPA Method SW8260B. Two (2) soil and two (2) groundwater samples were analyzed for fuel oxygenates by EPA Method 8260B. One (1) soil and one (1) groundwater sample was analyzed for semi-volatile organic compounds (SVOCs) by EPA Method SW8270.

Analytical reports and chain of custody documents are included as Appendix B.

FINDINGS AND RESULTS

Soil encountered in the soil borings typically consisted of a dark brown loose sand to approximately 2 feet bgs, underlain by a yellowish brown loose sand increasing in density with depth to the maximum depth explored of 15 feet bgs. Water-saturated sand sediments were encountered at depths ranging from approximately 10 feet bgs to 12 feet bgs. Based on local topography, groundwater flow is expected to be towards the north/northeast. The results of the June 11, 2011 groundwater monitoring event for the fuel release at 1630 Park Street indicated a northerly flow direction. Refer to Attachment A for detailed logs of the borings.

Soil Sample Analytical Results

TPH-g was detected in five soil samples at concentrations ranging from 1.5 milligrams per kilogram (mg/kg, AEI-4-15') up to 5,100 mg/kg (AEI-4-7'). TPH-d was detected fifteen samples ranging from 1.1 mg/kg (AEI-17-8') up to 10,000 mg/kg (AEI-6-7'). TPH-mo was detected in seven samples ranging from 7.4 mg/kg (AEI-7-13') up to 24,000 mg/kg (AEI-6-7'). Detected LUFT 5 metals in AEI-11, AEI-12, AEI-13, and AEI-16 were detected at concentration representative of naturally-occurring background conditions¹. No other target analytes were detected at or above reporting limits in the soil samples analyzed.

Soil sample analytical data is presented in Tables 1, 2, and 5.

¹ Protocol for Determining Background Concentrations of Soil at Lawrence Berkeley National Laboratory (LBNL), University of California for the U.S. Department of Energy, August 1995

Groundwater Sample Analytical Results

TPH-g was detected in four groundwater samples ranging in concentration from 280 micrograms per liter (μ g/L, AEI-7-W) up to 200,000 μ g/L (AEI-4-W). TPH-d was detected in six samples ranging from 89 μ g/L (AEI-17-W) up to 120,000 μ g/L (AEI-6-W). TPH-mo was detected in seven samples ranging from 400 μ g/L (AEI-10-W) up to 300,000 μ g/L (AEI-6-W). Benzene was detected in two samples, AEI-3-W and AEI-4-W, at 1,100 μ g/L and 21,000 μ g/L, respectively. Toluene was detected in three samples ranging from 7.7 μ g/L (AEI-6-W) up to 30,000 μ g/L (AEI-4-W). Ethylbenzene was detected in two samples, AEI-3-W and AEI-4-W, at 210 μ g/L and 3,600 μ g/L, respectively. Total xylenes was detected in three samples ranging from 28 μ g/L (AEI-6-W) up to 16,000 μ g/L (AEI-4-W). Total lead was detected in two samples (AEI-14-W and AEI-15-W) at 21 μ g/L and 66 μ g/L, respectively.

No other target analytes were detected at or above reporting limits in the groundwater samples analyzed.

Groundwater sample analytical data is presented in Tables 3, 4, and 6.

SUMMARY AND CONCLUSIONS

The investigation included a geophysical survey at the southwestern corner of the 1600 Park Street parcel followed by the collection and analysis of soil and groundwater samples from nineteen (19) temporary soil boring locations advanced on the subject property (Figure 2 and 3: Site Plan and Detailed Site Plan). The scope of work was requested by the client to evaluate whether historical auto service and fueling operations had adversely impacted the subject property. The borings targeted the existing and current hydraulic lifts within the 1618 - 1630 Park Street service building; the sealed drains within the 1618 - 1630 Park Street service building; and the area of the former oil and gas feature identified in a historical Sanborn map at the southwestern portion of 1600 Park Street, as requested by the client.

No evidence of remaining USTs or former tank holds was identified on the southwestern corner of the property during the geophysical survey. Based on laboratory data, no indication of a significant release of fuel petroleum hydrocarbons was identified from the former oil and gas area noted in historic Sanborn map at the southwestern corner of the property, with the exception of relatively low concentrations of diesel and motor oil detected in groundwater from boring AEI-17.

Based on laboratory analytical data, no evidence of a release of petroleum hydrocarbons was identified from the existing gas and waste oil USTs. In addition, no evidence of a release was identified the sealed drains within the Good Chevrolet service building. No further investigation relating to the gas and waste oil USTs, along with the sealed drains, is recommended at this time. Significant concentrations of petroleum hydrocarbons were detected in soil and groundwater from borings AEI-3, 4, and 6 through 8, advanced adjacent to the former hydraulic lifts in the Good Chevrolet service building. The highest concentrations of gasoline in soil were detected in capillary fringe samples from borings AEI-3, AEI-4, and AEI-6; diesel in AEI-4, AEI-6 and AEI-7; and motor oil in AEI-3, AEI-6, and AEI-7. The highest concentrations

of gasoline and diesel detected in groundwater were from borings AEI-3, AEI-4, and AEI-6, while the highest concentrations of motor oil detected in groundwater were from borings AEI-3, AEI-6, and AEI-7. In addition, based on groundwater data, a minor release of oil appears to have occurred in the area of AEI-10, an existing hydraulic lift.

As noted above, the highest concentrations of gasoline-range hydrocarbons in soil and groundwater were detected in AEI-3, AEI-4, and AEI-6, the borings nearest the former tank hold immediately north of the 1630 Park Street service building, with boring AEI-4 being the nearest and exhibiting the highest gasoline concentrations. A chromatogram observation noted by the laboratory for groundwater samples AEI-3-W and AEI-4-W indicates that the gasoline is "weakly modified or unmodified gasoline is significant." The same observation was noted by the laboratory for gasoline detected in groundwater samples from the five wells (MW-1 through M-5) addressing the northern former UST release during the June 23, 2011 sampling event. The proximity of borings AEI-3, AEI-4, and AEI-6 to the northern former tank hold, coupled with gasoline in both sets of groundwater samples noted as being weakly modified/unmodified, suggests that the gasoline detected in groundwater from these three borings is likely related to the northern release. It should also be noted that gasoline concentrations in soil and groundwater decrease in borings AEI-7 and AEI-8, which are located further away from the northern documented release. Significant concentrations of diesel and motor oil-range hydrocarbons were also detected in soil and groundwater from the same borings, AEI-3, AEI-4, AEI-6, AEI-7, and AEI-8; with the highest diesel and motor oil concentrations detected in AEI-3, AEI-6, and AEI-7. The presence of significant concentrations of diesel and motor oil from these borings suggest that a release of hydraulic oil has occurred in these areas; however, PCBs were not present in the samples from these areas. The thickness of petroleum hydrocarbon impact in these areas appears to be limited between approximately 6.5 feet and 14 feet bgs.

For comparison, the concentrations of detected contaminants in soil and groundwater are compared in Tables 1 through 6 with the Regional Water Quality Control Board (RWQCB) Environmental Screening Levels². In addition, the metals detected in soil are compared in Table 5 with the California Environmental Protection Agency (Cal-EPA³) Department of Toxic Substances Control (DTSC) California Human Health Screening Levels (CHHSLs). Although the ESLs and CHHSLs are not statutory cleanup goals, they are risk-based values that have been prepared to evaluate whether a particular chemical presents an environmental risk. The screening levels utilized for this comparison considers whether land use is residential and commercial/industrial (C/I) and whether groundwater is (DW) or is not a current or potential source of drinking water (NDW).

Gasoline detected in capillary fringe soil samples (approximately 7 feet bgs) from borings AEI-3, AEI-4, AEI-6, and AEI-7 exceed both gasoline residential and commercial/industrial ESLs. Diesel and motor oil detected in capillary fringe soil samples from borings AEI-3, AEI-4, and AEI-6 through AEI-8 exceed both diesel and motor oil residential and commercial/industrial ESLs. Gasoline detected in groundwater from AEI-3, AEI-4, AEI-6, and AEI-7 exceed both DW

² Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Regional Water Quality Control Board (RWQCB), May 2008

³ Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties, Cal-EPA, January 2005 (Lead revised September 2009)

August 16, 2011, AEI Project # 298931 1600 – 1630 Park Street, Alameda, CA Page 8 of 9

and NDW ESLs. Diesel and motor oil detected in groundwater samples from AEI-3, AEI-4, and AEI-6 through AEI-8 exceed both DW and NDW ESLs. In addition, motor oil detected in groundwater from AEI-10 and AEI-17 slightly exceeds DW and NDW ESLs. No other detected contaminants exceed applicable ESLs or CHHSLs.

Based on the results of this investigation, evidence of gasoline impact originating from the documented release north of the Good Chevrolet service building (1630 Park Street) was identified in the borings adjacent to the former hydraulic lifts near the northern portion of the service building, with the highest gasoline impact reported in boring AEI-4. In addition, a release of oil, likely hydraulic oil, appears to have occurred from the former hydraulic lifts, with the most severe impact reported from AEI-3, AEI-6 and AEI-7. A relatively low detection of motor oil from boring AEI-10 indicates that a minor release may have occurred from the existing hydraulic lift.

As a significant release of oil appears to have occurred from the former hydraulic lifts, AEI recommends submitting a copy of this report to the appropriate regulatory agency, the Alameda County Health Care Services Agency (ACHCSA), who may require additional work to determine the extent of the release(s). Based on the apparent commingling of the adjacent gasoline release with the releases from the lift, efforts to address these issues should be coordinated.

The existing fuel and waste oil USTs should be removed if they are no longer in use in accordance with applicable regulations. The existing hydraulic lifts should also be removed, if no longer in use, to prevent future oil leaks. AEI has no further recommendation relating to the former gas and oil tanks on the 1600 Park Street property.

REPORT LIMITATIONS AND SIGNATURES

This report presents a summary of work completed by AEI, including observations and descriptions of site conditions. Where appropriate, it includes analytical results for samples taken during the course of the work. The number and location of samples are chosen to provide requested information, but it cannot be assumed that they are entirely representative of all areas not sampled. All conclusions and recommendations are based on these analyses and observations. Conclusions beyond those stated and reported herein should not be inferred from this document.

August 16, 2011, AEI Project # 298931 1600 - 1630 Park Street, Alameda, CA Page 9 of 9

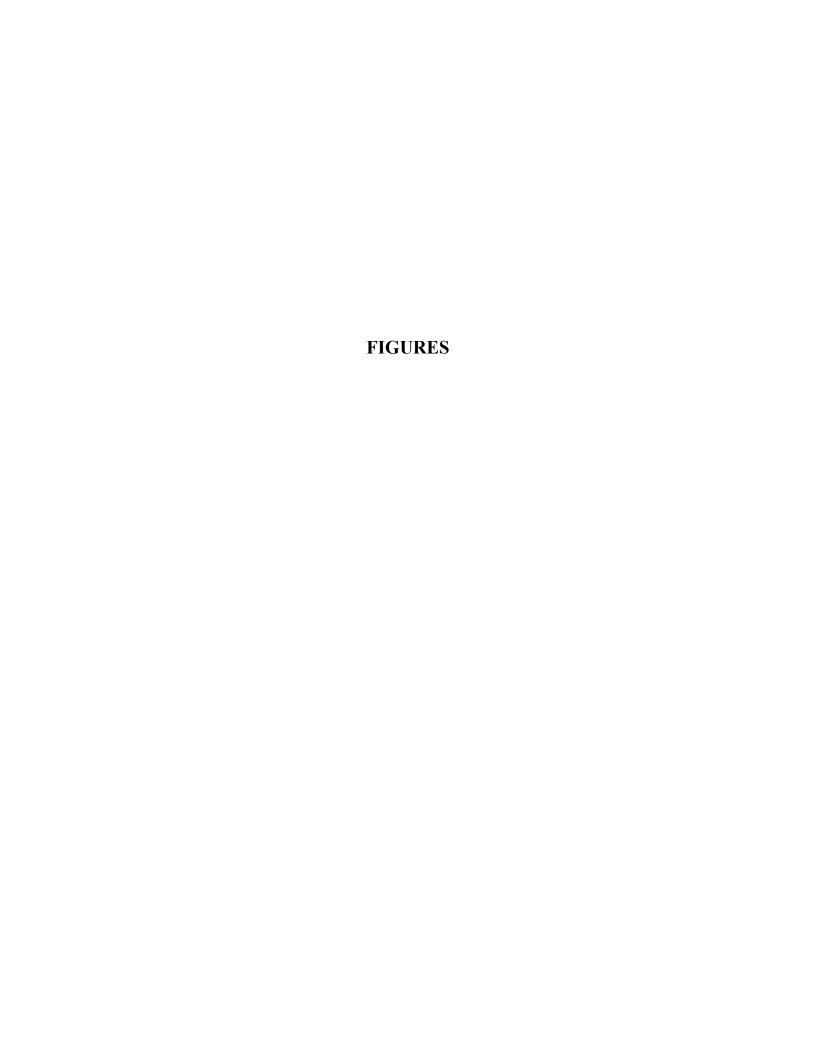
These services were performed in accordance with generally accepted practices in the environmental engineering and construction field that existed at the time and location of the work. If you have any questions regarding this report, we can be reached at (925) 746-6000.

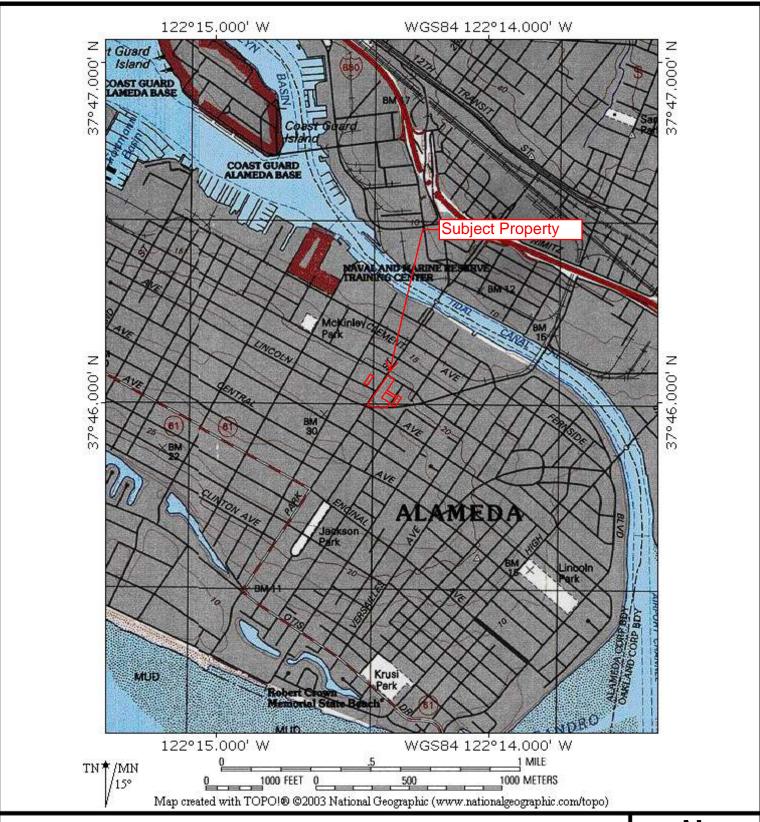
Sincerely,

AEI Consultants

Adrian M. Angel, GIT Project Geologist Peter J. McIntyre, PG, REA, MS Principal Geologist OF CALIFO

PETER J. MCINTYRE





SITE LOCATION MAP

1600-1650 Park Street, 1600-1606 Foley Street, 2329 Pacific Avenue, Alameda, California 94501

Source: USGS



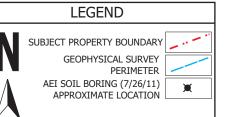
FIGURE 1

Project Number: 298931





SEE FIGURE 3 FOR BORINGS AEI-1 THROUGH AEI-16



0' 110' APPROX. SCALE: 1 in = ~110 ft

SITE PLAN

1600-1630 PARK ST; 1600 - 1606 FOLEY ST; 2329 PACIFIC AVE ALAMEDA, CALIFORNIA

FIGURE 2 JOB NO: 298931 Consultants

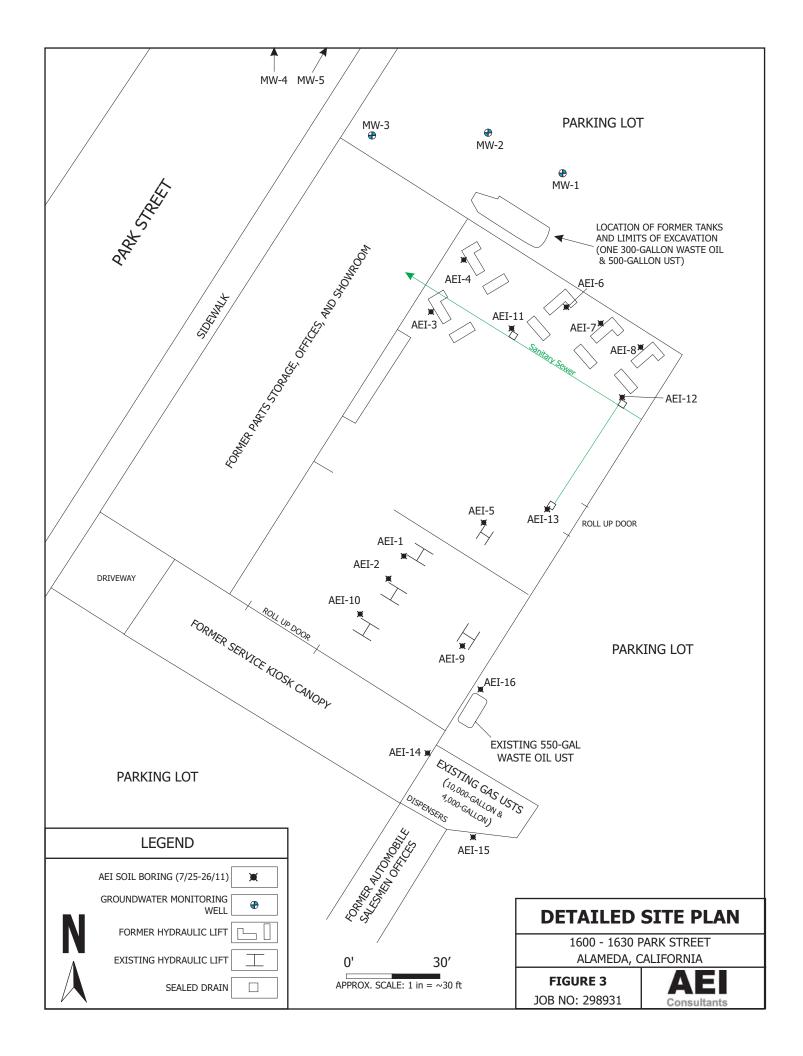




Table 1 Soil Sample Analytical Data TPH, MBTEX and POG

AEI Project No. 298931, 1600 - 1630 Park Street, Alameda, CA

Sample	Date	Approx. Depth	ТРН-д	TPH-d*	TPH-mo*	MTBE	BTEX**	POG
ID	Collected	(feet)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
				EPA N	Method SW8021B/801.	5B/m		EPA Method SM5520E/F
AEI-3-7'	7/25/2011	7	1,200	1,700	4,000	<10	2.6 / 25 / 10 / 48	
AEI-3-7 AEI-3-15'	7/25/2011	15	<1.0	1,700	4,000 <5.0	<10	2.6 / 25 / 10 / 48 All<0.005	-
ALI 3 13	1/23/2011	15	(1.0	1.0	٥.0	<10	7111 < 0.005	
AEI-4-7'	7/25/2011	7	5,100	2,100	710	< 50	6.2 / 83 / 54 / 280	-
AEI-4-15'	7/25/2011	15	1.2	1.3	< 5.0	< 0.05	0.029 / 0.071 / 0.031 / 0.17	-
AEI-6-7'	7/25/2011	7	470	10,000	24,000	<5.0	All<0.50	
AEI-6-14'	7/25/2011	14	<1.0	1.4	<5.0	<5.0	All<0.50	- -
AEI-7-7'	7/25/2011	7	100	6,300	14,000	-	-	-
AEI-7-13'	7/25/2011	13	<1.0	3.7	7.4	< 5.0	All<0.50	-
AEI-8-7'	7/25/2011	7	<1.0	720	2,900	_	_	
AEI-8-14'	7/25/2011	14	<1.0	<1.0	<5.0	<5.0	All<0.50	- -
AEI-10-8'	7/26/2011	8	<1.0	1.2	< 5.0	< 5.0	All<0.50	-
AEI-11-3'	7/26/2011	3	<1.0	2.2	8.5			
AEI-11-3	7/20/2011	3	<1.0	2.2	6.3	-	-	-
AEI-12-3'	7/26/2011	3	<1.0	2.6	< 5.0	-	-	-
AEI-13-3'	7/26/2011	3	<1.0	4.2	<5.0	-	-	-
AEI-14-7'	7/26/2011	7	<1.0	_	_	< 0.05	All<0.005	
ALI-14-7	7/20/2011	, '	<1.0			<0.05	All<0.003	-
AEI-15-7'	7/26/2011	7	<1.0	-	-	< 0.05	All<0.005	=
		_						
AEI-16-7'	7/26/2011	7	<1.0	1.4	<5.0	-	-	<50
AEI-17-8'	7/26/2011	8	<1.0	1.1	<5.0	< 0.05	All<0.005	_
1121 17 0	7720/2011		110	***		10.05	111 (0.000	
AEI-18-8'	7/26/2011	8	<1.0	<1.0	< 5.0	< 0.05	All<0.005	-
A EX. 10.01	7/2//2011		1.0	1.0	5.0	0.05	411 0 005	
AEI-19-8'	7/26/2011	8	<1.0	<1.0	<5.0	< 0.05	All<0.005	=
ESLs - Res	-	-	83	83	370	0.023	varies	370
ESLs - C/I	-	-	83	83	2,500	0.023	varies	2,500
RL	-	-	1.0	1.0	5.0	0.05	0.005	50

mg/kg = milligrams per kilogram (equivalent to parts per million)

RL= reporting limit (with no dilution)- see laboratory reports for sample specific dilution factors

ESL - Res = Environmental Screening Level California Regional Water Quality Control Board,

May 2008 (Residential Use where GW is current/potential water source, Table A)

ESLs = Environmental Screening Levels, California Regional Water Quality Control Board,

May 2008 (residential and commercial/industrial land use, where GW is current/potential water source, Table A)

Res = residential, C/I = commercial/industrial

 $\begin{aligned} & MDL = \text{method detection limit} & POG = \text{petroleum oil and grease} \\ & TPH = \text{total petroleum hydrocarbons} & MBTE = \text{methyl butyl tertiary ethyl} \end{aligned}$

TPH-g = TPH as gasoline BTEX soil detections reported as benzene / toluene / ethylbenzene / total xylenes

TPH-d = TPH as diesel "*" = with silica gel cleanup

TPH-mo = TPH as motor oil "**" = benzene, toluene, ethylbenzene, xylenes

"<" = less than

Table 2 Soil Sample Analytical Data VOCs, Fuel Oxygenates, SVOCs, and PCBs

AEI Project No. 298931, 1600 - 1630 Park Street, Alameda, CA

Sample ID	Date Collected	Approx. Depth (feet)	1,4-Dioxane (mg/kg) EPA Method SW8260	All target VOCs (mg/kg) EPA Method SW8260	Fuel Oxygenates^ (mg/kg) EPA Method SW8260B	All target SVOCs (mg/kg) EPA Method 8270	All other target PCBs (mg/kg) EPA Method SW8082
AEI-3-10'	7/25/2011	10	-	-	-	-	<1.0
AEI-4-10'	7/25/2011	10	-	-	-	-	<0.25
AEI-6-10'	7/25/2011	10	-	-	-	-	< 0.05
AEI-7-11'	7/25/2011	11	-	-	-	-	<0.50
AEI-8-11'	7/25/2011	11	-	-	-	-	< 0.05
AEI-11-3'	7/26/2011	3	-	<mdl< td=""><td>-</td><td>-</td><td>-</td></mdl<>	-	-	-
AEI-12-3'	7/26/2011	3	-	<mdl< td=""><td>-</td><td>-</td><td>-</td></mdl<>	-	-	-
AEI-13-3'	7/26/2011	3	-	<mdl< td=""><td>-</td><td>-</td><td>-</td></mdl<>	-	-	-
AEI-14-7'	7/26/2011	7	-	-	<mdl< td=""><td>-</td><td>-</td></mdl<>	-	-
AEI-15-7'	7/26/2011	7	-	-	<mdl< td=""><td>-</td><td>-</td></mdl<>	-	-
AEI-16-7'	7/26/2011	7	<0.02	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><0.05</td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><0.05</td></mdl<></td></mdl<>	<mdl< td=""><td><0.05</td></mdl<>	<0.05
ESLs - Res ESLs - C/I RL	- - -	- - -	0.0018 0.0018 0.02	varies varies varies	varies varies varies	varies varies varies	varies varies 0.05

mg/kg = milligrams per kilogram (equivalent to parts per million)

RL= reporting limit (with no dilution)- see laboratory reports for sample specific dilution factors

ESL - Res = Environmental Screening Level California Regional Water Quality Control Board,

May 2008 (Residential Use where GW is current/potential water source, Table A)

ESLs = Environmental Screening Levels, California Regional Water Quality Control Board,

May 2008 (residential and commercial/industrial land use, where GW is current/potential water source, Table A)

Res = residential, C/I = commercial/industrial

"^" = fuel oxygenates tert-amyl methyl ether (TAME), t-butyl alcohol (TBA)

MDL = method detection limit VOCs = volatile organic compounds 1,2-dibromomethane (EDB), 1,2-dichloroethane (1,2-DCA), diisopropyl ether (DIPE)

SVOCs = semi-volatile organic compounds

ethanol, and ethyl tert-butyl ether (ETBE)

PCBs = polychlorinated biphenyls

"<" = less than

Table 3 **Groundwater Sample Analytical Data** TPH, MBTEX and TRPH

AEI Project No. 298931, 1600 - 1630 Park Street, Alameda, CA

Sample ID	Date Collected	TPH-g (μg/L)	TPH-d* (μg/L)	TPH-mo* (μg/L) EPA Method SW8021B/801	MTBE (μg/L) 15Bm	BTEX** (µg/L)	TRPH (mg/L) EPA Method E418.1
AEI-1-W	7/25/2011	<50	<50	<250	-	-	-
AEI-2-W	7/25/2011	<50	<50	<250	-	-	-
AEI-3-W	7/25/2011	11,000	12,000	29,000	<50	1,100 / 1,900 / 210 / 860	-
AEI-4-W	7/25/2011	200,000	25,000	19,000	< 500	21,000 / 30,000 / 3,600 / 16,000	-
AEI-5-W	7/25/2011	<50	<50	<250	-	-	-
AEI-6-W	7/25/2011	18,000	120,000	300,000	<50	<5.0 / 7.7 / <5.0 / 28	-
AEI-7-W	7/25/2011	280	11,000	28,000	-	-	-
AEI-8-W	7/25/2011	<50	1,600	3,800	-	-	-
AEI-9-W	7/25/2011	<50	<50	<250	-	-	-
AEI-10-W	7/26/2011	<50	<50	400	-	-	-
AEI-14-W	7/26/2011	<50	-	-	<5.0	<0.5	-
AEI-15-W	7/26/2011	<50	-	-	<5.0	<0.5	-
AEI-16-W	7/26/2011	<50	<50	<250	<0.5	<0.5	<1.0
AEI-17-W	7/26/2011	<50	89	590	<5.0	<0.5	-
AEI-18-W	7/26/2011	<50	<100	<500	<5.0	<0.5	-
AEI-19-W	7/26/2011	<50	<100	<500	<5.0	<0.5	-
ESLs - DW ESLs - NDW RL	- - -	100 210 50	100 210 50	100 210 250	5.0 1,800 5.0	varies varies 0.5	0.1 0.21 1.0

 $\mu g/L = micrograms \ per \ liter$

TPH = total petroleum hydrocarbons

TPH-g = TPH as gasoline

TPH-d = TPH as diesel

TPH-mo = TPH as motor oil

MTBE = methyl tertiary butyl ether

"<" = less than

MDL = method detection limit

TRPH = total recoverable petroleum hydrocarbons

RL= reporting limit (with no dilution)- see laboratory reports for sample specific dilution factors

MTBE and BTEX analysis for AEI-16-W performed by EPA Method SW8260B

BTEX soil detections reported as benzene / toluene / ethylbenzene / total xylenes

"*" = with silica gel cleanup

"**" = benzene, toluene, ethylbenzene, total xylenes

RL= reporting limit (with no dilution)- see laboratory reports for sample specific dilution factors

ESLs - DW = Environmental Screening Levels, California Regional Water Quality Control Board,

May 2008 (where GW is current/potential water source, Table A)

ESLs - NDW = Environmental Screening Levels, California Regional Water Quality Control Board,

May 2008 (where GW is not a current/potential water source, Table B)

Table 4 **Groundwater Sample Analytical Data** VOCs, Fuel Oxygenates, SVOCs, and PCBs

AEI Project No. 298931, 1600 - 1630 Park Street, Alameda, CA

Sample ID	Date Collected	1,4-Dioxane (µg/L) EPA Method SW8260B	All target VOCs (µg/L) EPA Method SW8260B	Fuel Oxygenates^ (µg/L) EPA Method SW8260B	All target SVOCs (µg/L) EPA Method 8270	All target PCBs (µg/L) EPA Method SW8082
AEI-14-W	7/26/2011	_	_	<mdl< td=""><td>-</td><td>_</td></mdl<>	-	_
AEI-15-W	7/26/2011	-	-	<mdl< td=""><td>-</td><td>-</td></mdl<>	-	-
AEI-16-W	7/26/2011	<2.0	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><0.5</td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><0.5</td></mdl<></td></mdl<>	<mdl< td=""><td><0.5</td></mdl<>	<0.5
ESLs - DW	-	3.0	varies	varies	varies	varies
ESLs - NDW	-	50,000	varies	varies	varies	varies
RL	i ! -	2.0	varies	varies	varies	0.5

mg/kg = milligrams per kilogram (equivalent to parts per million)

RL= reporting limit (with no dilution)- see laboratory reports for sample specific dilution factors

MDL = method detection limit

VOCs = volatile organic compounds

SVOCs = semi-volatile organic compounds

PCBs = polychlorinated biphenyls

"<" = less than

ESLs - DW = Environmental Screening Levels, California Regional Water Quality Control Board, May 2008 (where GW is current/potential water source, Table A)

ESLs - NDW = Environmental Screening Levels, California Regional Water Quality Control Board, May 2008 (where GW is not a current/potential water source, Table B)

^ = fuel oxygenates tert-amyl methyl ether (TAME), t-butyl alcohol (TBA)

1,2-dibromomethane (EDB), 1,2-dichloroethane (1,2-DCA), diisopropyl ether (DIPE) ethanol, and ethyl tert-butyl ether (ETBE)

Table 5
Soil Sample Analytical Data
Metals

AEI Project No. 298931, 1600 - 1630 Park Street, Alameda, CA

Sample ID	Date Collected	Approx. Depth (feet)	Cd	Cr (total)*	Pb	Ni	Zn
			mg/kg	mg/kg <i>EPA</i>	mg/kg A <i>Method SW60101</i>	mg/kg B	mg/kg
AEI-11-3'	7/26/2011	3	<1.5	60	<5.0	24	16
AEI-12-3'	7/26/2011	3	<1.5	31	<5.0	15	10
AEI-13-3'	7/26/2011	3	<1.5	29	<5.0	14	9.7
AEI-14-7'	7/26/2011	7	-	-	<5.0	-	-
AEI-15-7'	7/26/2011	7	-	-	<5.0	-	-
AEI-16-7'	7/26/2011	7	<1.5	54	<5.0	48	27
AEI-17-8'	7/26/2011	8	-	-	<5.0	-	-
AEI-18-8'	7/26/2011	8	-	-	<5.0	-	-
AEI-19-8'	7/26/2011	8	-	-	<5.0	-	-
ESL - Res	-	-	1.7	-	200	150	600
ESL - C/I	-	-	7.4	-	750	150	600
CHHSL - Res	-	-	1.7	-	80	1,600	23,000
CHHSL - C/I	-	-	7.5	-	320	16,000	100,000
RL	-	-	1.5	1.5	5.0	1.5	5.0

Notes:

mg/kg = milligrams per kilogram

ND = not detected above the laboratory reporting limit

MDL = method detection limit

ESLs = Environmental Screening Levels, California Regional Water Quality Control Board,

May 2008 (residential and commercial/industrial land use, where GW is current/potential water source, Table A)

CHHSLs - Res = California Human Health Screening Levels, Residential Land Use, January 2005 (Lead revised Sept. 2009)

Res = residential, C/I = commercial/industrial

"*" = no CHHSL or ESL value for total chromium has been set

 $\begin{aligned} & Cd = Cadmium & Ni = Nickel \\ & Cr = Chromium & Zn = Zinc \end{aligned}$

Pb = Lead

Table 6
Groundwater Sample Analytical Data
Metals

AEI Project No. 298931, 1600 - 1630 Park Street, Alameda, CA

Sample ID	Date Collected	Cd µg/L	Cr (total)* µg/L <i>EF</i>	Pb μg/L PA Method E200.8	Ni µg/L	Zn μg/L
AEI-14-W**	7/26/2011	-	-	21	-	-
AEI-15-W**	7/26/2011	-	-	66	-	-
AEI-16-W***	7/26/2011	< 0.25	<0.5	<0.5	8.7	< 5.0
ESL - DW ESL - NDW	- -	0.25 0.25	- -	2.5 2.5	8.2 8.2	81 81
RL	-	0.25	0.5	0.5	0.5	5.0

Notes:

 μ g/L = micrograms per liter

ND = not detected above the laboratory reporting limit

MDL = method detection limit

ESLs - DW = Environmental Screening Levels, California Regional Water Quality Control Board, May 2008 (where GW is current/potential water source, Table A)

ESLs - NDW = Environmental Screening Levels, California Regional Water Quality Control Board, May 2008 (where GW is not a current/potential water source, Table B)

"*" = no ESL value for total chromium has been set

"**" = total

"***" = dissolved

Cd = Cadmium Ni = Nickel Cr = Chromium Zn = Zinc

Pb =Lead

APPENDIX A

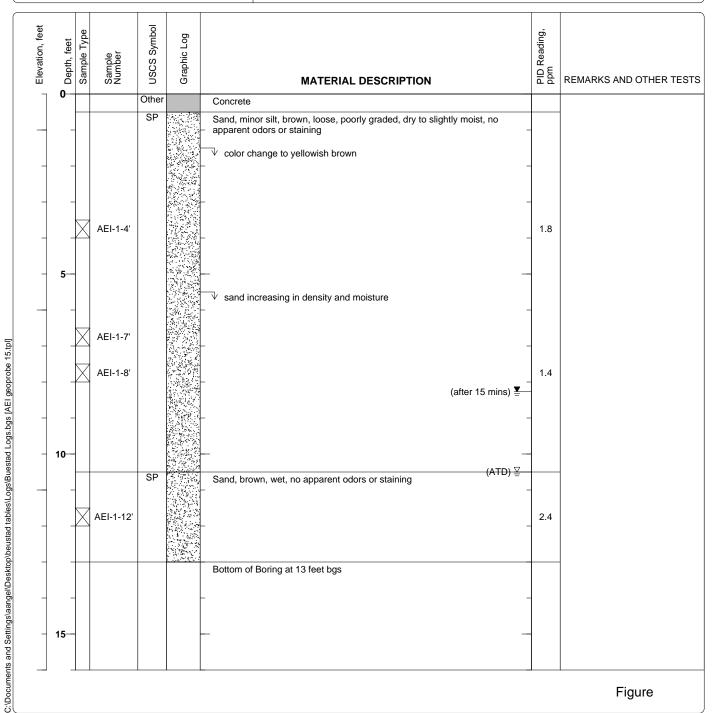
Soil Boring Logs

Project Location: 1600 - 1630 Park Street, Alameda, CA

Project Number: 298931

Log of Boring AEI-1

Date(s) Drilled July 25, 2011	Logged By Adrian Angel	Checked By Peter McIntyre
Drilling Method Direct Push - Geoprobe	Drill Bit Size/Type 3 inch	Total Depth of Borehole 13 feet bgs
Drill Rig Type Truck-mounted Geoprobe 5410	Drilling Environmental Control Contractor Associates	Approximate Surface Elevation
Groundwater Level and Date Measured after 15 mins 10.5 feet ATD, 8.27 feet after 15 mins	Sampling Method(s) Tube	Well Permit.
Borehole Backfill Neat grout cement	Location Existing Hydraulic Lift	

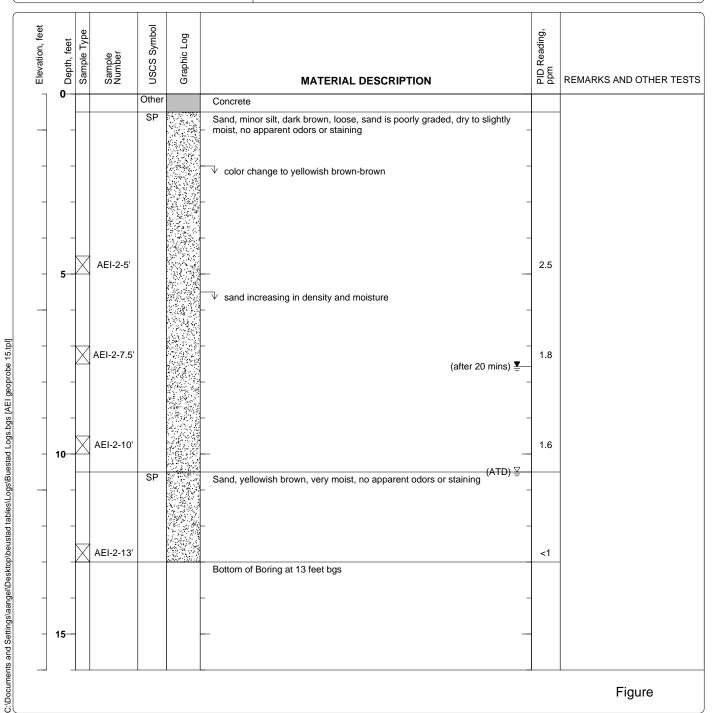


Project Location: 1600 - 1630 Park Street, Alameda, CA

Project Number: 298931

Log of Boring AEI-2

Date(s) Drilled July 25, 2011	Logged By Adrian Angel	Checked By Peter McIntyre
	Drill Bit Size/Type 3 inch	Total Depth of Borehole 13 feet bgs
Drill Rig Type Truck-mounted Geoprobe 5410	Drilling Environmental Control Contractor Associates	Approximate Surface Elevation
Groundwater Level and Date Measured after 20 mins	Sampling Method(s) Tube	Well Permit.
Borehole Backfill Neat grout cement	Location Existing Hydraulic Lift	

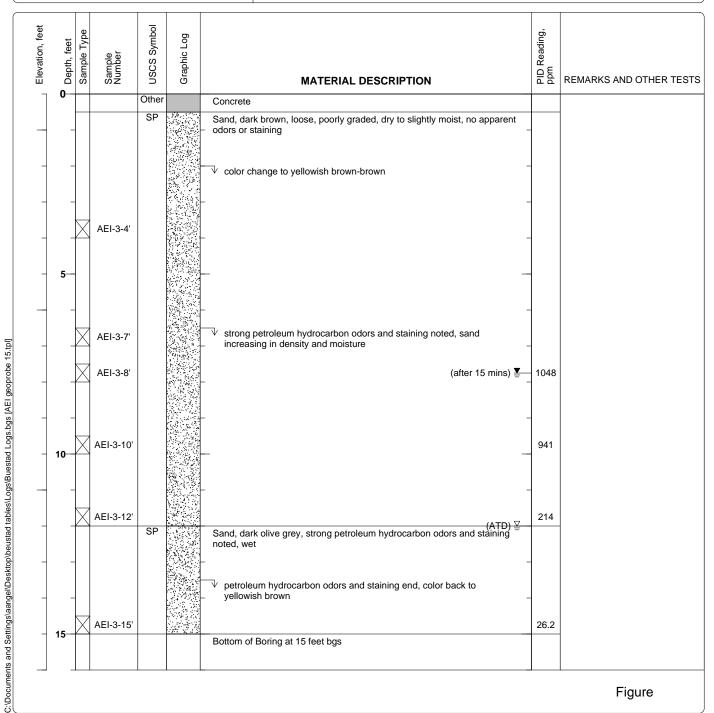


Project Location: 1600 - 1630 Park Street, Alameda, CA

Project Number: 298931

Log of Boring AEI-3

Date(s) Drilled July 25, 2011	Logged By Adrian Angel	Checked By Peter McIntyre
Drilling Method Direct Push - Geoprobe	Drill Bit Size/Type 3 inch	Total Depth of Borehole 15 feet bgs
Drill Rig Type Truck-mounted Geoprobe 5410	Drilling Environmental Control Contractor Associates	Approximate Surface Elevation
Groundwater Level 12 feet ATD, 7.75 feet after and Date Measured 15 mins	Sampling Method(s) Tube	Well Permit.
Borehole Backfill Neat grout cement	Location Former Hydraulic Lift	

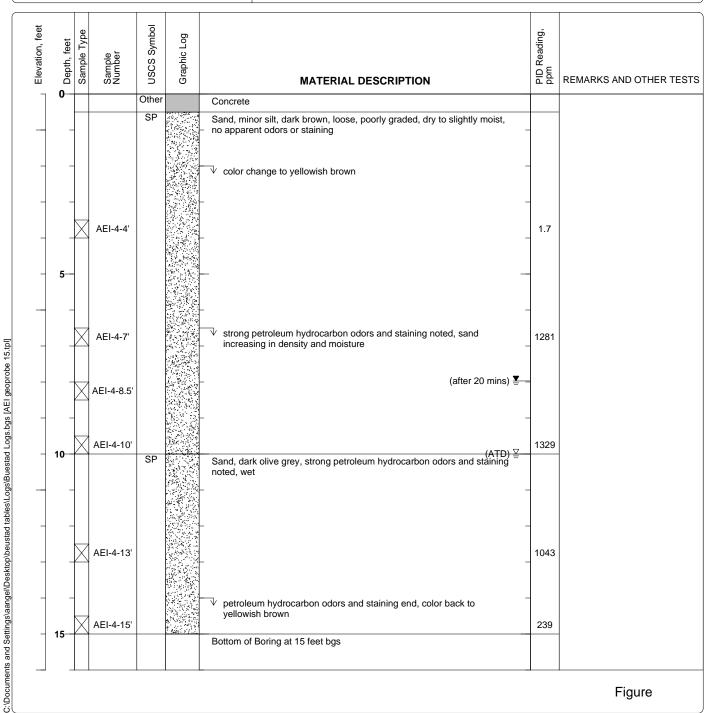


Project Location: 1600 - 1630 Park Street, Alameda, CA

Project Number: 298931

Log of Boring AEI-4

Date(s) Drilled July 25, 2011	Logged By Adrian Angel	Checked By Peter McIntyre
Drilling Method Direct Push - Geoprobe	Drill Bit Size/Type 3 inch	Total Depth of Borehole 15 feet bgs
Drill Rig Type Truck-mounted Geoprobe 5410	Drilling Environmental Control Contractor Associates	Approximate Surface Elevation
Groundwater Level 10 feet ATD, 7.97 feet after and Date Measured 20 mins	Sampling Method(s) Tube	Well Permit.
Borehole Backfill Neat grout cement	Location Former Hydraulic Lift	

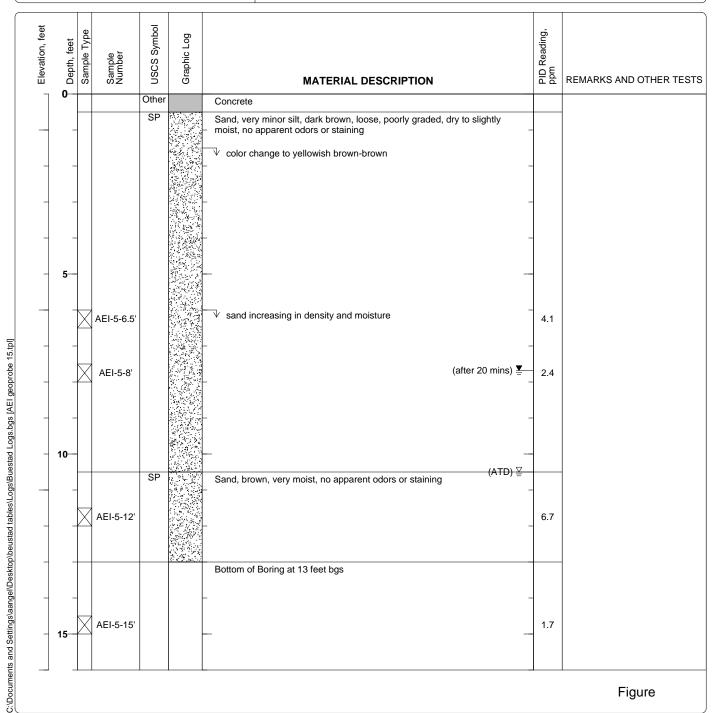


Project Location: 1600 - 1630 Park Street, Alameda, CA

Project Number: 298931

Log of Boring AEI-5

Date(s) Drilled July 25, 2011	Logged By Adrian Angel	Checked By Peter McIntyre
	Drill Bit Size/Type 3 inch	Total Depth of Borehole 13 feet bgs
Drill Rig Type Truck-mounted Geoprobe 5410	Drilling Environmental Control Contractor Associates	Approximate Surface Elevation
Groundwater Level and Date Measured after 20 mins	Sampling Method(s) Tube	Well Permit.
Borehole Backfill Neat grout cement	Location Existing Hydraulic Lift	

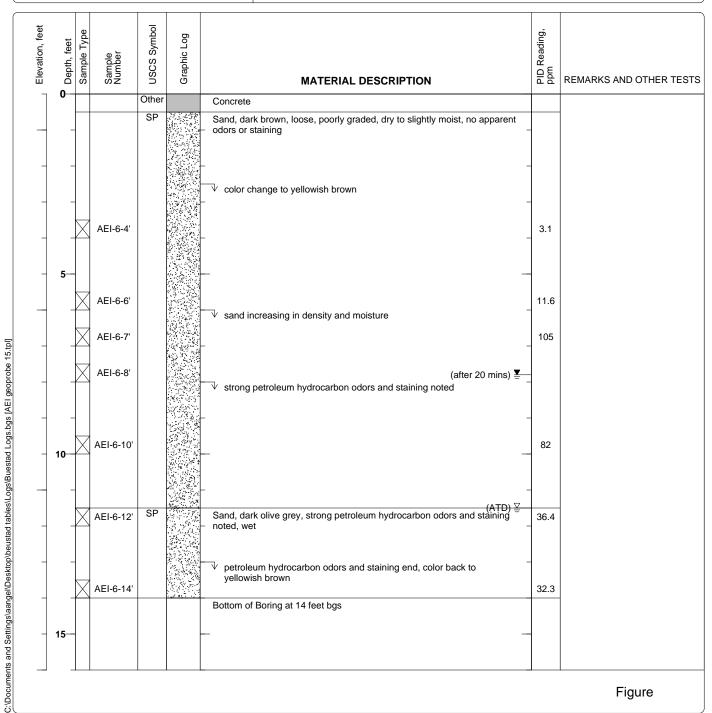


Project Location: 1600 - 1630 Park Street, Alameda, CA

Project Number: 298931

Log of Boring AEI-6

Date(s) July 25, 2011	Logged By Adrian Angel	Checked By Peter McIntyre
	Drill Bit Size/Type 3 inch	Total Depth of Borehole 14 feet bgs
Drill Rig Type Truck-mounted Geoprobe 5410	Drilling Environmental Control Contractor Associates	Approximate Surface Elevation
Groundwater Level 11.5 feet ATD, 7.8 feet after and Date Measured 20 mins	Sampling Method(s) Tube	Well Permit.
Borehole Backfill Neat grout cement	Location Former Hydraulic Lift	

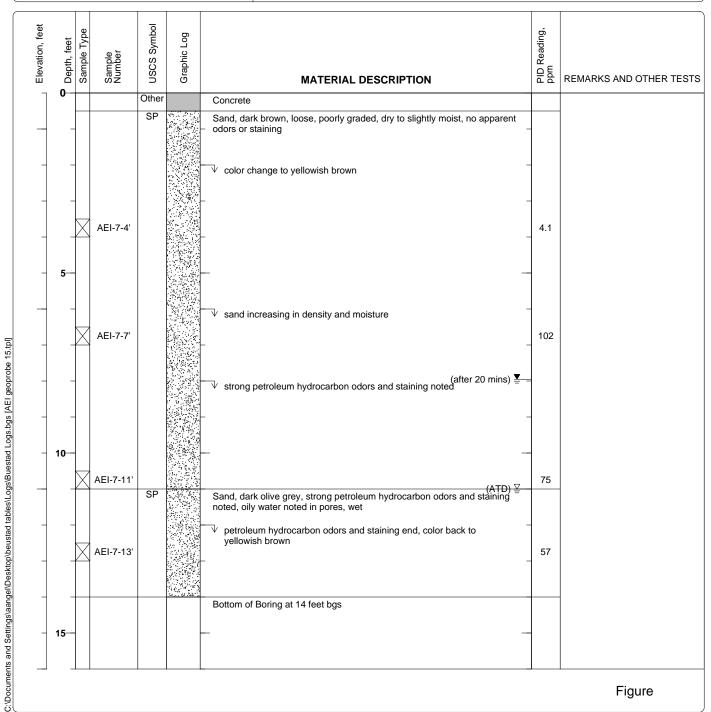


Project Location: 1600 - 1630 Park Street, Alameda, CA

Project Number: 298931

Log of Boring AEI-7

Date(s) July 25, 2011	Logged By Adrian Angel	Checked By Peter McIntyre
	Drill Bit Size/Type 3 inch	Total Depth of Borehole 14 feet bgs
Drill Rig Type Truck-mounted Geoprobe 5410	Drilling Environmental Control Contractor Associates	Approximate Surface Elevation
Groundwater Level 11 feet ATD, 7.95 feet after and Date Measured 20 mins	Sampling Method(s) Tube	Well Permit.
Borehole Backfill Neat grout cement	Location Former Hydraulic Lift	

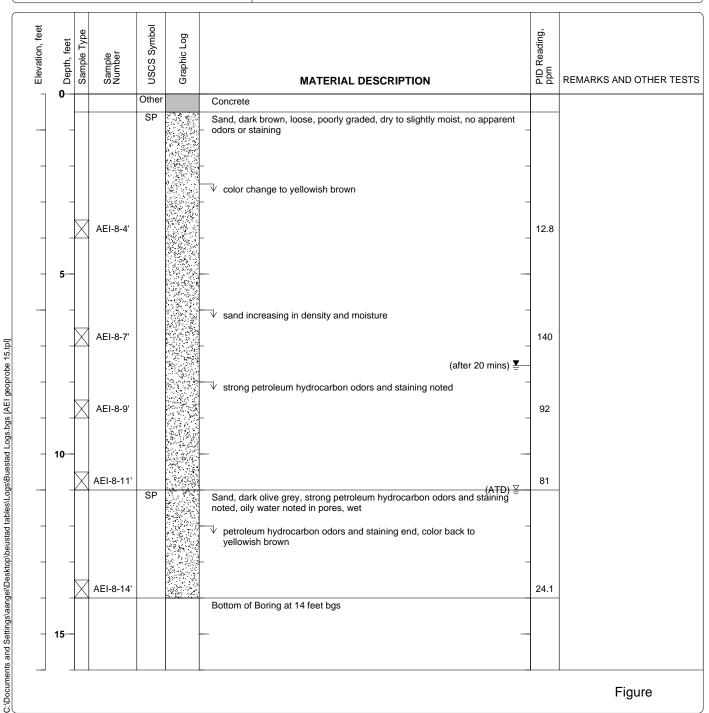


Project Location: 1600 - 1630 Park Street, Alameda, CA

Project Number: 298931

Log of Boring AEI-8

Date(s) July 25, 2011	Logged By Adrian Angel	Checked By Peter McIntyre
	Drill Bit Size/Type 3 inch	Total Depth of Borehole 14 feet bgs
Drill Rig Type Truck-mounted Geoprobe 5410	Drilling Environmental Control Contractor Associates	Approximate Surface Elevation
Groundwater Level 11 feet ATD, 7.54 feet after and Date Measured 20 mins	Sampling Method(s) Tube	Well Permit.
Borehole Backfill Neat grout cement	Location Former Hydraulic Lift	

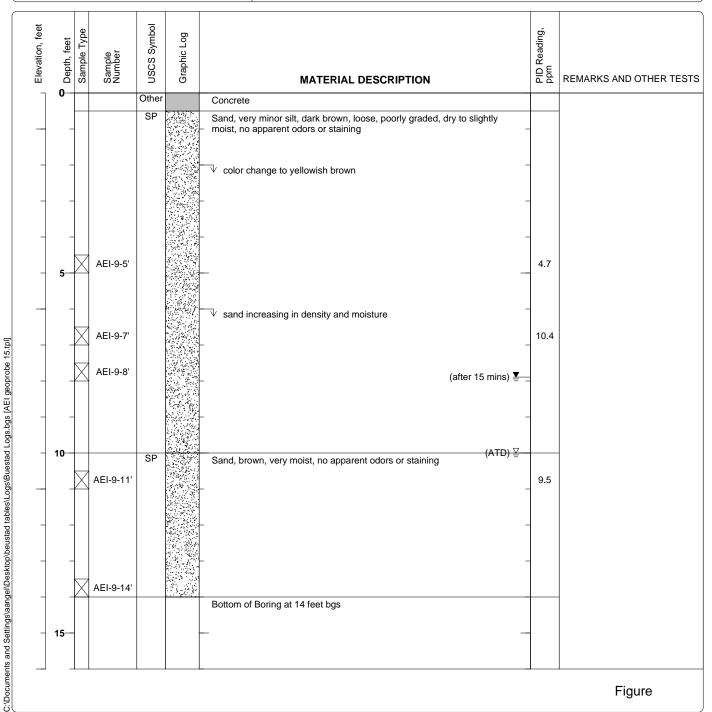


Project Location: 1600 - 1630 Park Street, Alameda, CA

Project Number: 298931

Log of Boring AEI-9

Date(s) Drilled July 25, 2011	Logged By Adrian Angel	Checked By Peter McIntyre
	Drill Bit Size/Type 3 inch	Total Depth of Borehole 14 feet bgs
Drill Rig Type Truck-mounted Geoprobe 5410	Drilling Environmental Control Contractor Associates	Approximate Surface Elevation
Groundwater Level 10 feet ATD, 7.89 feet after and Date Measured 15 mins	Sampling Method(s) Tube	Well Permit.
Borehole Backfill Neat grout cement	Location Existing Hydraulic Lift	

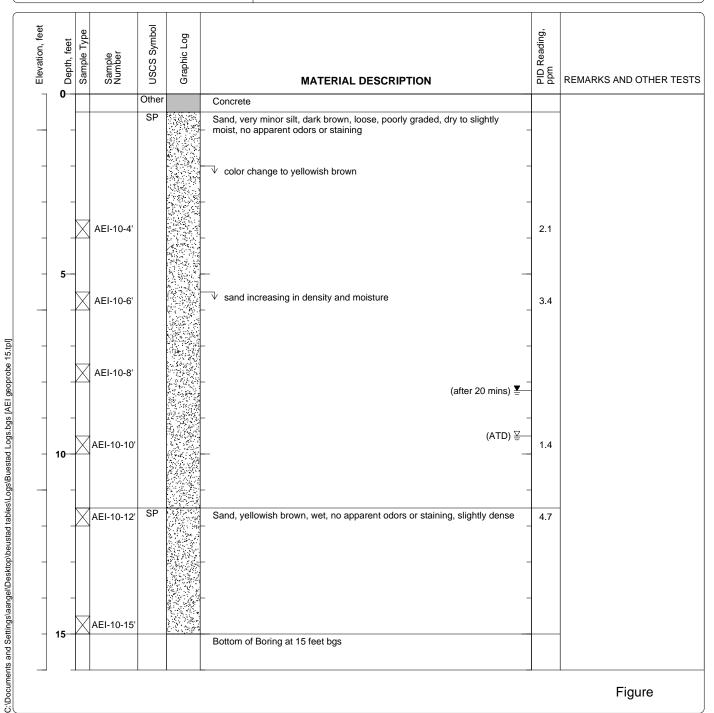


Project Location: 1600 - 1630 Park Street, Alameda, CA

Project Number: 298931

Log of Boring AEI-10

Date(s) July 25, 2011	Logged By Adrian Angel	Checked By Peter McIntyre
Direct Push - Geoprobe	Drill Bit Size/Type 3 inch	Total Depth of Borehole 15 feet bgs
Drill Rig Type Truck-mounted Geoprobe 5410	Drilling Environmental Control Contractor Associates	Approximate Surface Elevation
Groundwater Level 9.5 feet ATD, 8.24 feet after and Date Measured 20 mins	Sampling Method(s) Tube	Well Permit.
Borehole Backfill Neat grout cement	Location Existing Hydraulic Lift	

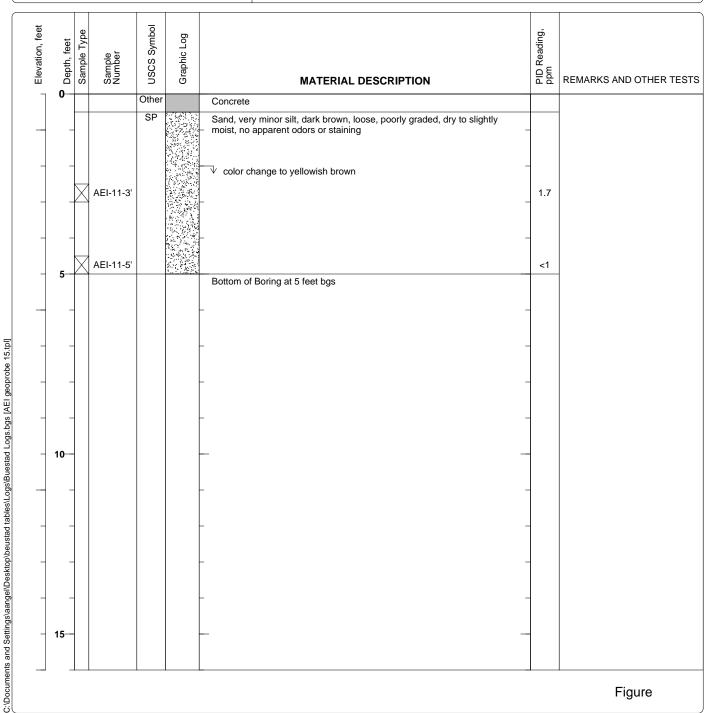


Project Location: 1600 - 1630 Park Street, Alameda, CA

Project Number: 298931

Log of Boring AEI-11

Date(s) July 25, 2011	Logged By Adrian Angel	Checked By Peter McIntyre
Direct Push - Geoprobe	Drill Bit Size/Type 3 inch	Total Depth of Borehole 5 feet bgs
Drill Rig Type Truck-mounted Geoprobe 5410	Drilling Environmental Control Contractor Associates	Approximate Surface Elevation
Groundwater Level and Date Measured Not Encountered ATD	Sampling Method(s) Tube	Well Permit.
Borehole Backfill Neat grout cement	Location Drain	

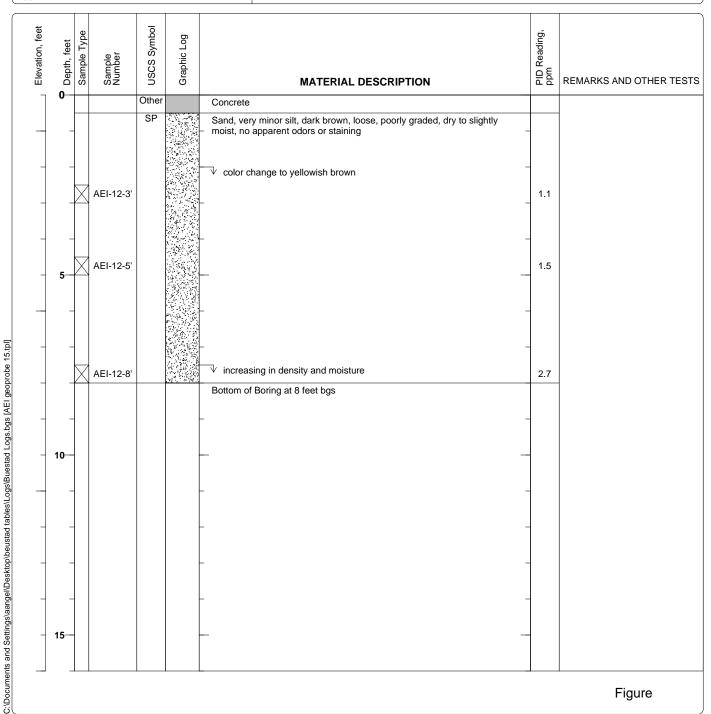


Project Location: 1600 - 1630 Park Street, Alameda, CA

Project Number: 298931

Log of Boring AEI-12

Date(s) Drilled July 25, 2011	Logged By Adrian Angel	Checked By Peter McIntyre
Drilling Method Direct Push - Geoprobe	Drill Bit Size/Type 3 inch	Total Depth of Borehole 8 feet bgs
Drill Rig Type Truck-mounted Geoprobe 5410	Drilling Environmental Control Contractor Associates	Approximate Surface Elevation
Groundwater Level and Date Measured Not Encountered ATD	Sampling Method(s) Tube	Well Permit.
Borehole Backfill Neat grout cement	Location Drain	

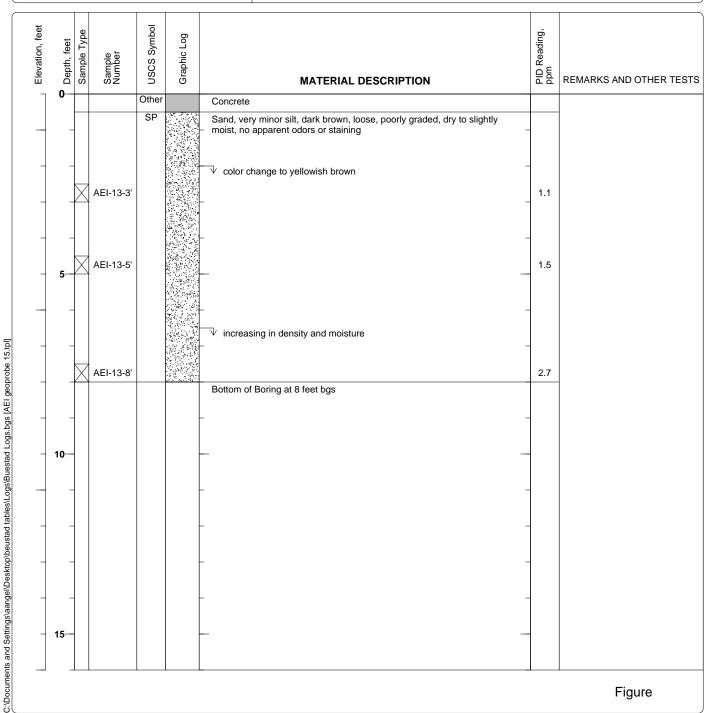


Project Location: 1600 - 1630 Park Street, Alameda, CA

Project Number: 298931

Log of Boring AEI-13

Date(s) July 25, 2011	Logged By Adrian Angel	Checked By Peter McIntyre
Direct Push - Geoprobe	Drill Bit Size/Type 3 inch	Total Depth of Borehole 8 feet bgs
Drill Rig Type Truck-mounted Geoprobe 5410	Drilling Environmental Control Contractor Associates	Approximate Surface Elevation
Groundwater Level and Date Measured Not Encountered ATD	Sampling Method(s) Tube	Well Permit.
Borehole Backfill Neat grout cement	Location Drain	

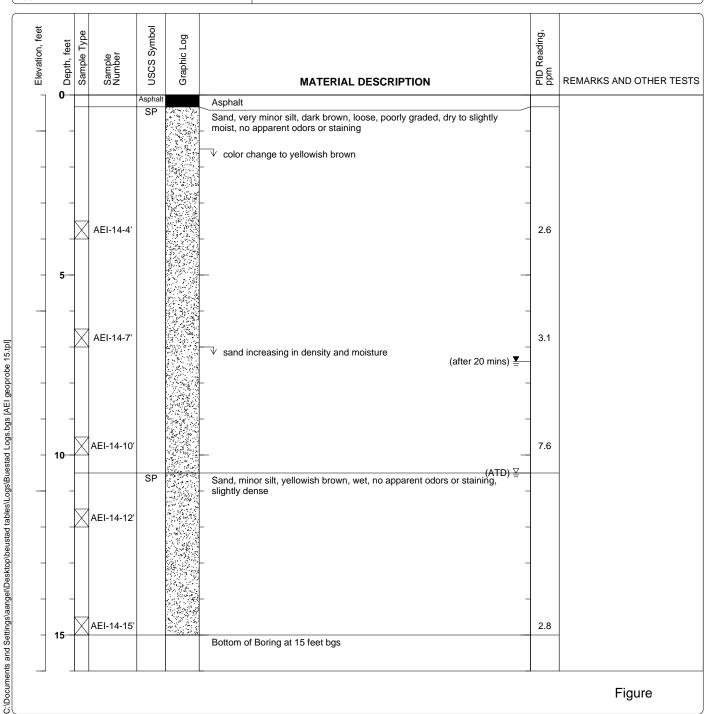


Project Location: 1600 - 1630 Park Street, Alameda, CA

Project Number: 298931

Log of Boring AEI-14

Date(s) July 25, 2011	Logged By Adrian Angel	Checked By Peter McIntyre
Direct Push - Geoprobe	Drill Bit Size/Type 3 inch	Total Depth of Borehole 15 feet bgs
Drill Rig Type Truck-mounted Geoprobe 5410	Drilling Environmental Control Contractor Associates	Approximate Surface Elevation
Groundwater Level 10.5 feet ATD, 7.4 feet after and Date Measured 20 mins	Sampling Method(s) Tube	Well Permit.
Borehole Backfill Neat grout cement	Location Existing Gas UST	

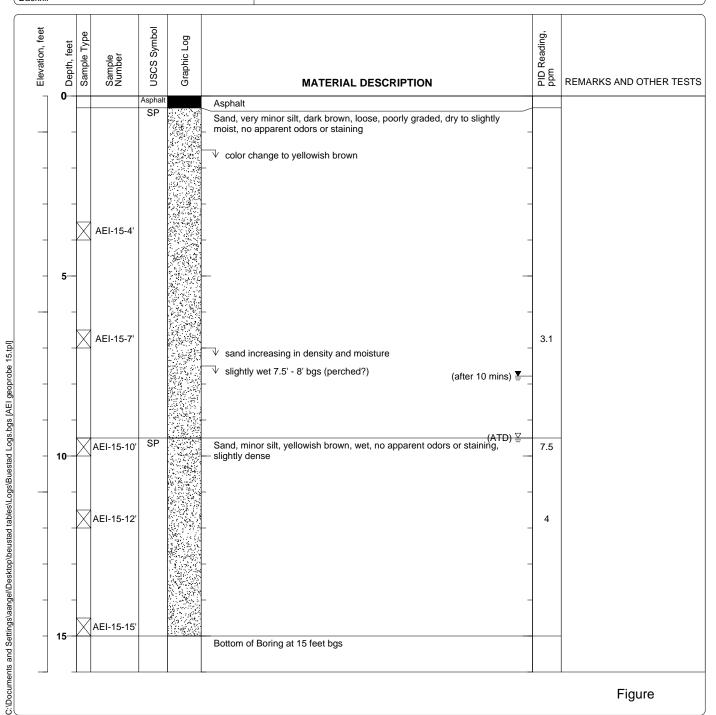


Project Location: 1600 - 1630 Park Street, Alameda, CA

Project Number: 298931

Log of Boring AEI-15

Date(s) Drilled July 25, 2011	Logged By Adrian Angel	Checked By Peter McIntyre
Drilling Method Direct Push - Geoprobe	Drill Bit Size/Type 3 inch	Total Depth of Borehole 15 feet bgs
Drill Rig Type Truck-mounted Geoprobe 5410	Drilling Environmental Control Contractor Associates	Approximate Surface Elevation
Groundwater Level 9.5 feet ATD, 7.78 feet after and Date Measured 10 mins	Sampling Method(s) Tube	Well Permit.
Borehole Backfill Neat grout cement	Location Existing Gas UST	

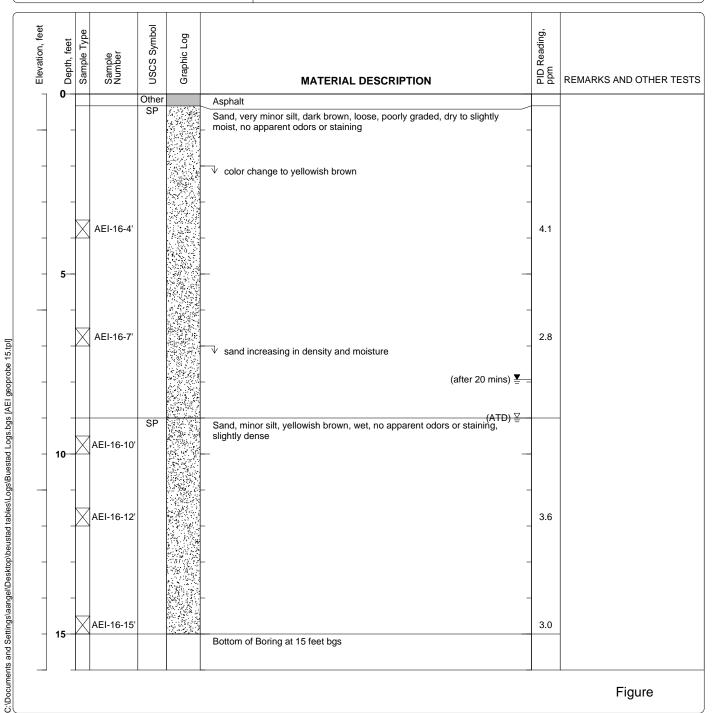


Project Location: 1600 - 1630 Park Street, Alameda, CA

Project Number: 298931

Log of Boring AEI-16

Date(s) July 25, 2011	Logged By Adrian Angel	Checked By Peter McIntyre
Direct Push - Geoprobe	Drill Bit Size/Type 3 inch	Total Depth of Borehole 15 feet bgs
Drill Rig Type Truck-mounted Geoprobe 5410	Drilling Environmental Control Contractor Associates	Approximate Surface Elevation
Groundwater Level 9 feet ATD, 7.93 feet after and Date Measured 20 mins	Sampling Method(s) Tube	Well Permit.
Borehole Backfill Neat grout cement	Location Existing Waste Oil UST	

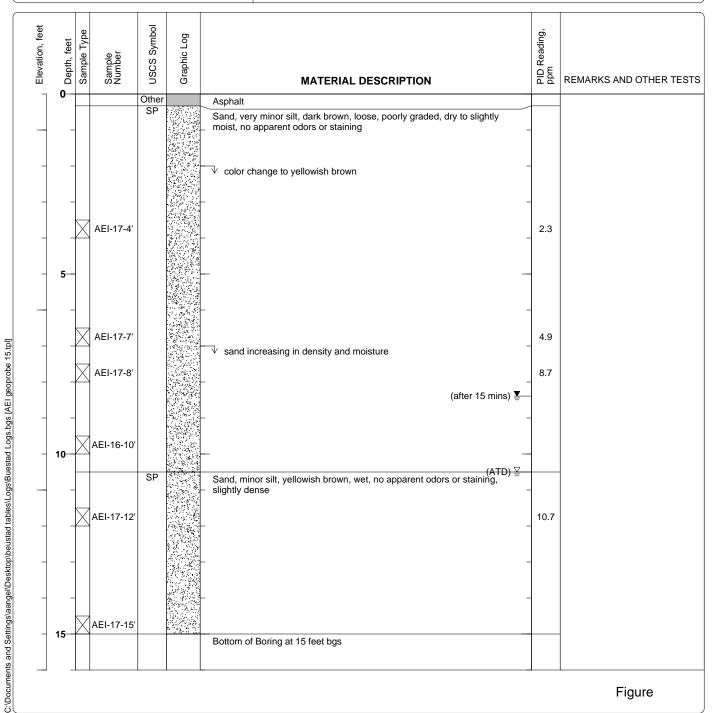


Project Location: 1600 - 1630 Park Street, Alameda, CA

Project Number: 298931

Log of Boring AEI-17

Date(s) July 25, 2011	Logged By Adrian Angel	Checked By Peter McIntyre
	Drill Bit Size/Type 3 inch	Total Depth of Borehole 15 feet bgs
Drill Rig Type Truck-mounted Geoprobe 5410	Drilling Environmental Control Contractor Associates	Approximate Surface Elevation
Groundwater Level 10.5 feet ATD, 8.39 feet and Date Measured after 15 mins	Sampling Method(s) Tube	Well Permit.
Borehole Backfill Neat grout cement	Location Former Oil and Gas Area - Southw	estern Corner

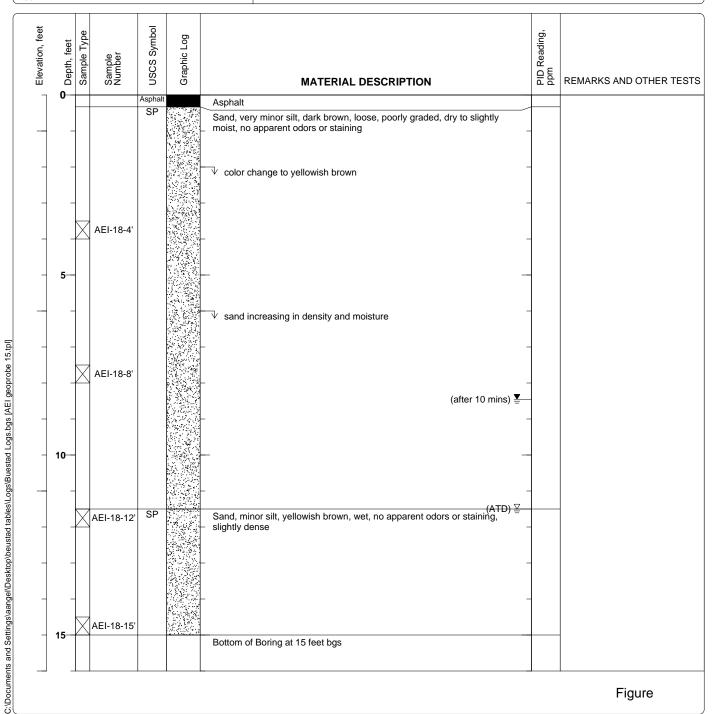


Project Location: 1600 - 1630 Park Street, Alameda, CA

Project Number: 298931

Log of Boring AEI-18

Date(s) Drilled July 25, 2011	Logged By Adrian Angel	Checked By Peter McIntyre
Drilling Method Direct Push - Geoprobe	Drill Bit Size/Type 3 inch	Total Depth of Borehole 15 feet bgs
Drill Rig Type Truck-mounted Geoprobe 5410	Drilling Environmental Control Contractor Associates	Approximate Surface Elevation
Groundwater Level 11.5 feet ATD, 8.45 feet and Date Measured after 10 mins	Sampling Method(s) Tube	Well Permit.
Borehole Backfill Neat grout cement	Location Former Oil and Gas Area - Southw	estern Corner

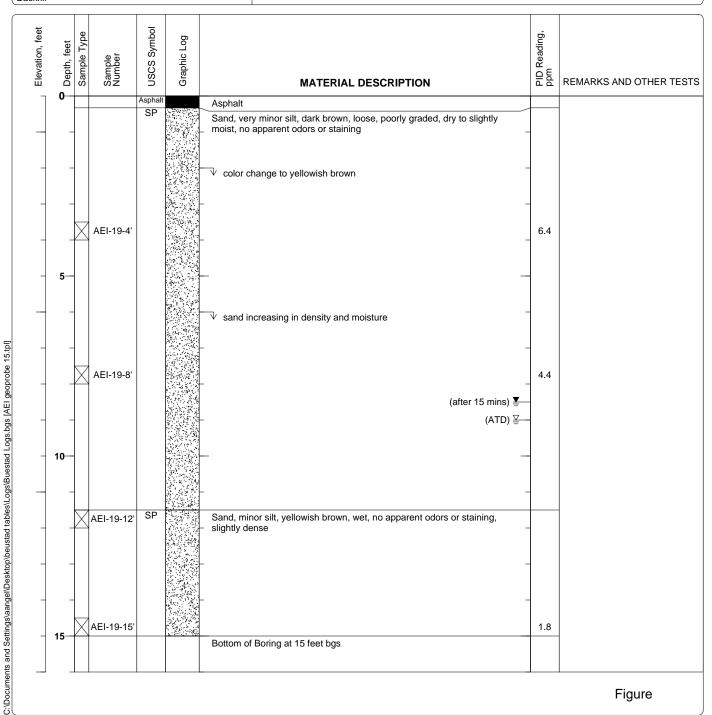


Project Location: 1600 - 1630 Park Street, Alameda, CA

Project Number: 298931

Log of Boring AEI-19

Date(s) Drilled July 25, 2011	Logged By Adrian Angel	Checked By Peter McIntyre
Direct Push - Geoprobe	Drill Bit Size/Type 3 inch	Total Depth of Borehole 15 feet bgs
Drill Rig Type Truck-mounted Geoprobe 5410	Drilling Environmental Control Contractor Associates	Approximate Surface Elevation
Groundwater Level 9 feet ATD, 8.5 feet after 15 and Date Measured mins	Sampling Method(s) Tube	Well Permit.
Borehole Backfill Neat grout cement	Location Former Oil and Gas Area - Southwe	estern Corner



APPENDIX B

Sample Analytical Data With Chain of Custody Documentation

Analytical Report

AEI Consultants	Client Project ID: #298931; 1600-1630 Park Street	Date Sampled:	07/25/11-07/26/11
2500 Camino Diablo, Ste. #200	7 Haineda	Date Received:	07/27/11
2500 0444440 214010, 250 11200	Client Contact: Adrian Angel	Date Reported:	08/04/11
Walnut Creek, CA 94597	Client P.O.: #WC083212	Date Completed:	08/04/11

WorkOrder: 1107771

August 04, 2011

Dear Adrian:

Enclosed within are:

- 1) The results of the 25 analyzed samples from your project: #298931; 1600-1630 Park Street Alameda,
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

	McCAN	IPBELI	ANAI	LYT	ICA	LI	NC							Т		_			CF	IΔ	IN	0	F	CI	rz	n	D	V R	E (COI	RD		
	THE CILL	1534 V	Villow Pass	Road		110			17	1				1,	ri II	RN	AR						1.			·		1	CEC		(U)		M
Telepho	ne: (925) 79		burg, CA 9	4565		ax:					2			[and a			011	_				R	USH		24 I	IR	4	8 HR		72 HR	5 DAY
Тегерио	10. (720) 77	0-1020				16.75.4	(>=	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.02	_			E	DF	Req	uire	ed?			Yes	3		N	0	Em	ail	PDI	F Re	port	Y	ES)	
Report To: Adria					o: Sa									L					Ana	alys	is R	lequ	iest						-	Othe	-	Com	ments
Company: AEI C				#: VA	9982	860	1							-		(F)																	
	Camino Dia									_				-	0.	/B&										0							
	ut Creek, C	A 94597			l: aa		_		sulta	ants	.con	n		-	cann	E&F	=			_				8310		E	dn						
Tel: (408) 559-76	00				(408)		-70	01	_					8015)	gel cleanup	520	418			808				10/		10 (ean						
Project #: Project Location:	1600 163	0 Dark S			t Nar	ne:				-				1 +	silica g	se (5	ons (8020)	BPA				/ 82		A 60	elcl						
Sampler Signatur	4.75	UFAIKS	reet, Ala	meu	п									8020	/ sili	Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)		2 / 80	Organo-chlorine pesticides EPA 8081				PAH's / PNA's by EPA 625 / 8270 / 8310		Arsenic, copper, lead by EPA 6010 (TTLC)	TPH-d by 8015 with silica gel clean up	8021/8015					
Sampler Signatur		6,200	I INC		Ι.,	Т	3.5.4	TD	rv	Т	ME	тн	OD	Gas (602	5) W	5.5	dro	808	09	stici	080	260		EPA		ld by	h sill)21/					
		SAMP	LING	E MAIRIA PRESERVED											108)	n Oi	n Hy	PA	EP/	e be	/ 80	4 / 8	0	by	90	r, lea	wit	A 8(
SAMPLE ID	LOCATION			Containers	ntai									H as	TPH as Diesel (8015)	Total Petroleum Oil &	leur	Pesticides by EPA 8081	BTEX ONLY (EPA 602 /	lorin	PCBs EPA 608 / 8080	VOCs EPA 624 / 8260	EPA 625 / 8270	NA's	CAM-17 Metals	obbe	8015	MBTEX by EPA					
(Field Point Name)	LOCATION	Date	Time	nta		L.			ge				2	S T	s Di	Petro	Petro	ides	O	o-ch	EPA	EP/	25/	1 PP	171	ic, co	l by	X P					
	existing	Dute	- Inne		Type	Water	Soil	Air	Sludge	Otmer	lce	HNO	Other	BTEX & TPH	PHa	otal	otal	stic	TEX	rgan	CBs	ő	PA 6	AH.	AM.	rsen	PH-	BTE					
	/			#	F	2	00	<	SO C	1	¥ P		9	M	F	F	Ĕ	P	B	0	P	>	Ξ.	P.	O	<	F	Σ					
AEI-1-4'	Liff(Februs)	7/25/11	8:50A	1	14		X			1																							
AEI-1-71			8:55A		1																												
AEI-1-8'			8:54A		e					T																							
AEI-1-10'			9:05A		+					Т																							
AET-1-12'			9:00A		G					T		T																					
AET-2-5'			9:20A		1					T																							
Act-2-7.5'			9:301A		2																												
AET-2-10'			10:00A		1	-				1																							
AET-2-13'	~		9:5019																														
AET-3-4	Liff (former)		10:15A							11																							
AGT-3-71			10:17/																														
ALT-3-8'			10:2014						1																								
AEI-3-10'	1/	1	10:55A																														
AFT-3-12'	V	A	10:501	m.) .	W		1																										
Relinquished By:	/	Date: /	Time:		ived B	y:/	1											,											30000		1		
1/17		2/39/11	100	5	U	1.	_	_						١,	CE	40) =	+					r	PRE	CED	V/A'	TIO		DAS	O&G	1	METALS	OTHER
Relinquished By:	/	Date:	Time:	Rece	ived B	N'S	-	-	1							DO	ON	_' DIT	OL	N				PPI									
Denk Car	1	7/27	1540	1	20	K	0	4	1					1	HEA	D S	PAC	E A	BSI	ENT		_		CON	TAI	NE	RS_						
Relinquished By:	5.7	Date:	Time:	Rege	ived B	y:		1	1					Ι'	DEC	HLO	JRI	NA'	ED	IN	LAI	R		PE	RSE	RV	ED	IN I	LAB_		_		
	- 1		1											1																			- 1

	McCAN	IPRELI	ANAI	VT	ICA	1.1	NC		_	_			_	Т	_		_		CI	TA	INI	0	E (CI	CT	0	n	7 TD) III	CO	DD		
	MCCAN		Villow Pass			L	1146							١,	CT I	DAI	A T						r		21	U			CE	CO	KL		N
	(00.5) 501	Pittsl	burg, CA 9			,	(0.0							1	U	RN	Ar	CO	UIN	ט ו	LIL	IL		PI	USH		24 F		4	8 HR		72 HR	5 DAY
Telephoi	ne: (925) 79	8-1020			P	ax:	(92	5)	798-	102	Z			E	DF	Req	uir	ed?			Yes	0	W/	N						eport	-	ES	JUAI
Report To: Adria	ın Angel		В	ill T	o: Sa	me								†					Ana	alys	is R	equ	iest							Othe	er	Com	ments
Company: AEI C	Consultants		PO	#: \@	\$890	900	3,								Г	6															T		
2500 (Camino Dia	blo, Suite	200													B&										2							
Walni	ut Creek, C	A 94597			il: aaı	_	_		nsult	ants	.con	n		1	silica gel cleanup	&F.	_							310		Ĕ	d.						
Tel: (408) 559-76	00				(408)		9-76	01						8015)	lcle	20 E	18.			8081				8/0		D O	an n						
Project #:					t Nar	ne:								8	200	6 (55	18 (4		8020)	PA 8				827		109	cle						
Project Location:	_	0 Park St	reet, Ala	med	R									8020	silic	Grease (5520 E&F/B&F)	rbor		/ 80	es E				525		EPA	a ge	015					
Sampler Signatur	e:	-	/	_	_	_	_	_	_	_	ME	тн	OD		/M (& G	roca	180	602	ticid	9	09		PA		l by	silic	21/8					
		SAMP	LING	96	iers	L	MA	TR	IX	1	PRE			Gas (602	TPH as Diesel (8015)	Total Petroleum Oil &	Total Petroleum Hydrocarbons (418.1)	Pesticides by EPA 8081	BTEX ONLY (EPA 602 /	Organo-chlorine pesticides EPA	PCBs EPA 608 / 8080	VOCs EPA 624 / 8260		PAH's / PNA's by EPA 625 / 8270 / 8310	on.	Arsenic, copper, lead by EPA 6010 (TTLC)	TPH-d by 8015 with silica gel clean up	MBTEX by EPA 8021/8015					
SAMPLE ID				Containers Containers Water indge Cl Cl Cl NO3											sel	leun	leun	y E	7.	orrin	809	624	8270	IA's	etal	pper	3015	F					
(Field Point Name)	LOCATION	Date	Time	ntai	ő	1			95	_			m 1	BTEX & TPH	s Die	etro	etro	des	O	-Ch	EPA	EPA	EPA 625 / 8270	P	CAM-17 Metals	00 00	by 8	X					
		Date	Time	S	Type	Water	Soil	Air	Sludge	Other	lce	HNO	Other	EX	жНа	tal F	tal F	stici	LEX	gam	Bs	ő	9 V	H.s	-W	seni	PH	E					
				非	F	=	Š	Y	200	9	ol le		90	B	F	Te	To	Pe	B	ō	M	>	E	PA	0	A	H	Σ					
	lift (forma)	7/25/11	10:8A	1	A		X			0	X.																						
AEI-4-41		11	11:05A	1	C																												
AEI-4-861			11:30A		1					T																							
AFT-4-85'			11:25A		+					T																							
AEI-4-10'			11:55A	\vdash	9					Ť												\neg											
AEI-4-12'			11:457	\vdash	7					†																1				+	+		
AED-4-15'	1		12:08	\vdash	e					†		+																\dashv			+		
AEI-5-6.5	lift-fexisting		12:308	\vdash				_		+		+											\dashv			+				+			
144 0 81	CITATERISTING	-	1:808	+	\vdash			+	+	+	+	+	+	\vdash		H	-	-	-	-	-	-	\dashv	-	+	+			+	-	+	-	
Att-5-8'			-	\vdash				-	-	+	-	+	-		-						-	-	-	-	-	+		\dashv		-	+		
AET-2-12			12:457	\vdash	+				+	+	+	+	+					-		-		+	+	+	+	+	-	+	-		+	-	
	and the second second		12101	\vdash	\vdash	H		+	-	+	+	+	+					-	-	-	-	+	-	-	+	+	+	\dashv	-	+	+	-	
HET-10-A.	liff(former)		1:308	\vdash	\vdash	H		-		6	1	+	+										-	-	-	-	-	\dashv	_	-	+		
AEI-6-6'			1:258	W,	0/	L	,			1	3	-	-					_	_		_	_	_	-				_			1		
AEI-6-7'	Y	V	-	V	W																												
Relinquished By:	1/	Date:	Time:	Rece	ived B	/	/	1.				_	_					,												1	1		
100		107/1	1:60		_	nl	ı	V						١,	CE	105	-						Р	RES	SER	VA'	гю		DAS	0&0	3	METALS	OTHER
Belinquished By:		Date: /	Time:	Roce	ived B	n	-	- 1	2					(GO	OD C							A	PPF	ROP	RIA	TE	_					
Derk and	_		1540	1	10	(1	#	_	_					ADS						-	C		TAI			DALE	- A TP				
Relinquished By:	1	Date:	Time:	Rece	ived B	y:			1					Ι'	E	CHL	JKI	NA	LED	IIN	LAL			PE	KSE	PC V	ED.	IN L	LAB				

	McCAN	IPBELI	ANAI	YT	ICA	LI	VC.	_	_			_	Т	_		_	_	CH	[A]	IN	0	F	TI	T	0	n v	7 ID	F	COL	2D		
		1534 V	Villow Pass	Road										TU	RN	AR]	3	U.		1			w		OK
Telephor	ne: (925) 798		burg, CA 9	4565	F	ov.	(925	705	R_16	22					1011	ZAR		014		LAIV	LL		RU	SH		24 E	IR	4	8 HR		72 HR	5 DAY
Тегериот	10. (943) 190	0-1020				a.a.	(940	1 1 20	9-10	de de			F	DF	Rec	uire	ed?	[Yes	1	7	No	_					port:	_	-	
Report To: Adria	n Angel		В	ill To	: Sa	me												Ana	lys	is R	equ	est							Othe	r	Com	ments
Company: AEI C	onsultants		PO	#: M	2082	800								Г	0																	
	Camino Dia												4		B&										6							
	it Creek, C	A 94597			l: aaı	_	-		ıltan	ts.co	m		4	cleanun	S&F	_							8310		Ĕ	d						
Tel: (408) 559-76	00				408)	-	-760	1					8015)	l cle	520 1	18.1			8081				70/8		0	an n	- 1					
Project #:	1500 150				t Nar	ne:							- 8	silica gel	e (5)	b) 80		20)	PA				82		8	el cle						
Project Location:	1	0 Park St	reet, Ala	meda	A .								8020	silie	reas	inpoi		/8020)	es E				625		EPA	ca ge	015					
Sampler Signatur	e: //	/				- 6	W (8	& G	Iroca	081	602	ticid	08	99		PA		d by	silie	21/8												
		SAMP	LING	90	Containers	1	MAI	RIX	ζ.		ESEF			TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	Pesticides by EPA 8081	BTEX ONLY (EPA 602	Organo-chlorine pesticides EPA	PCBs EPA 608 / 8080	VOCs EPA 624 / 8260		PAH's / PNA's by EPA 625 / 8270 / 8310	100	Arsenic, copper, lead by EPA 6010 (TTLC)	TPH-d by 8015 with silica gel clean up	MBTEX by EPA 8021/8015					
SAMPLE ID				# Containers	tair								29	70	leum	leum	y E	7.	orin	809	624	EPA 625 / 8270	IA's	CAM-17 Metals	pper	0115	田					
(Field Point Name)	LOCATION	Date	Time	itai	00	L.		9				10	BTEX & TPH	Die	etro	etro	des	ON	Chl	EPA	EPA	757	E I	7 N	00 '0	by 8	Xby					
		Date	Time	3	Type	Water	Soil	Sludge	Other	9	HCI	HNO	BTEX &	Has	tal P	tal P	stici	EX	gam	Bs	ő	A 6	H.s	- W	senie	PH	BTE					
				#	-	=	Soil	3	0	Ice	± :	E		Ē	J.	To	Pe	B	ō	PC	×		PA	3	Ar	T	Σ					
AEI-6-10'	Lift (former)	7/25/11	1:401	1	A		X			V																						
AEI-6-12'		1	1:359	1	t		1			7																						
AEI-6-14'			1:458		e																											
AEI-7-4"			2:00		+																											
DET-7-7'			2:208		q																											
DET-7-11			2:108		L		1																							T		
DET-2+131					V		1															\forall		1								
NE-8-41			2:358	\vdash	5		+						$^{+}$									\pm		+			\neg			+		
15-2-11			2:458		\vdash		+		+		+	+	+									+		+	+		\exists					
Art 8-01			0	+	\vdash		+		+	+	+		+	+						_		+		+	+		\dashv	_	+	+		
MEDIN			6	+	\vdash		1	+	\vdash	+	+	+	+	H			-			+		+	+	+	+	+			+	+		
ART- 8-141	/		3:101	-	\vdash		1	+	+	+		+	+	+			-	-	-	+	+	+	+	+	+	+	-	-	+	+		
1100 111	1/1/2/		3:151	-	\vdash			-	\vdash	+	-	+	+	H	-		-	-		-	-	+	-	+	+	+	\dashv	+	-	+		
ALT-9-5	Lift (existin)		11/1/11	4	V			-	\vdash		+	+	+	H	-			-	-	-	-	+	+	+	+	-	\dashv	-	+	+		
AET-9-7	¥		3:45P		_		V			V			+														\perp					
Relinquished By:	/	Dath	Time:	Rece	ived B	y:/	/			-					_	,											vo	DAS	0&G	1 8	METALS	OTHER
Melinquished By:		Date:	Time:	Dage	ived B	w	14		_		_	_	-	ICE	-	5							RES				N_	re tad	Oad		LETALIS	OTHER
Managuished By:		7/27	1540	1	Ived B	1.	11	*							OD (PPR									
Relinquished By:		Date:	Time:	Reof	ved B	v:	/	1		_		_			AD S						3		ONT PEF				INI	LAB				
				0				Ą																								

	McCAN	ADDEL I	LANIA	LVT	TCA	T 1	NIC	1		_			_	_	_				CI	TA	TN	-	E	CI	TOP	-	Di	· · ·		00		_		
	MCCAN		Villow Pas			L	INC	**						Ι,										CU		lU			Œ		RI)		~1
m-11	(025) 50		burg, CA	94565			(0.0	-						1 1	U.	RN	Al	(O	UN	D	III	VIE		D	USH		24 H			(O III		7	Q UID	S DAY
Telephoi	ne: (925) 79	8-1620			1	ax:	(92	5)	798-	162	2			E	DF	Req	uir	ed?	8		Ye	s >	1	N						48 H	rt:/\s	-	HR	5 DAY
Report To: Adria	ın Angel		1	Bill T	o: Sa	me								\vdash					An	alys	sis F	Requ	uest						_	Oth	_	-		nents
Company: AEI C	onsultants		PO	#: V	C082	80)							Г		(E)																┪		
	Camino Dia			0												B&										0			1					
	at Creek, C	A 94597			il: aa	_			nsult	ants	.com	1		1	silica gel cleanup	&F								310		H	0.		108				2	
Tel: (408) 559-76	00				(408)		9-76	01						8015)	cle	20 E	18.1			081				8/0		T) 0	an ni		1	-			cleany	
Project #:				_	et Nai	me:								- 80	a ge	6 (55	18 (4		8020)	PA 8				827		109	cle		30				3	
Project Location:		0 Park St	treet, Ala	amed	a									8020	silic	rease	rbor			es El				325 /		EPA	a ge	115	0	Y			3	
Sampler Signatur	e: /	1		_	_	_				_	ME	TH	20	8058	/w (& G	roca	18(602	icide	0	100	١	PA 6		by]	silic	1/80	60	X			2	
		SAMP	LING		ers	L	MA	TR	IX	1	PRES			Gas (602	TPH as Diesel (8015) w/	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	Pesticides by EPA 8081	PA	Organo-chlorine pesticides EPA 8081	PCBs EPA 608 / 8080	VOCs EPA 626 / 8260	/	PAH's / PNA's by EPA 625 / 8270 / 8310	- 35	Arsenic, copper, lead by EPA 6010 (TTLC)	TPH-d by 8015 with silica gel clean up	MBTEX by EPA 8021/8015	-range	Ne			Sidia gel	
SAMPLE ID				me Containers Autoria ir in indige Containers CI											sel (enm	enm	y EF	Y (I	orine	809	626	270	A's	etals	per,	015	EP/	7	5			5	
(Field Point Name)	LOCATION	Dete	TD:	tai.	00	L			9	.				TPH	Die	etrol	etrol	les b	BTEX ONLY (EPA	chlo	PA	EPA.	EPA 625 / 8270	N.	CAM-17 Metals	loo '	by 8	(ph	Mulhi	1			2	
		Date	Time	l o	Type	Water	=	4	Sludge	Otmer	3 0	HNO.	Other	BTEX &	H as	tal P	tal P	sticid	EX	gamo	Bs E	CS	A 62	H's	M-1	enic	P-H	STE	班	20		-		
				#	E	≥	Soil	Air	S	5 ,	HC	=	ō	BI	Ē	To	To	Pe	BI	6	PC	>	EP	PA	CA	An	T	ME	9	1			3	
AET-9-8'	lift/existing)	7/25/11	3:30	1	A		X				X																			T		T		
AEEQ-11'		' '	4:008	1	C		(ľ																								
AEI-9-14'		V.	4:108		C	Г				T																						1		
HET-10-4		7/16/11	a.yoA		+					T																			\neg	\Box		1		
AET-10-6'		11-11	10:05A		9					1																					\top	1		
AFT-10-71			10:0614		7							T																	\neg	\top		†		
NEI-10-10'			10201		8			T																					\top	\top	+	+		
AEI-10-12'			10:101		1			1		1																			\top		+	†		
AEI-10-15'	V		10:25A							H																			\pm	-	+	†		
1,00	Drain		8:58A					T	\top	1												X						1	X	X	\pm	†		
AET-11-5'			9:05A							11							T				1	4						\forall	4	1	+	+		
Att-12-3'			8:15A					T		1												X							X	X	+	†		
AEI-12-51			8:25A		0						/	T																			+	†		
AEI-12-8'	V	V	8:20A	V	W		d			P	1	T															\top	\forall	\top	\top		t		
Relinquished By:		Date:	Time: A	Rece	ived B	yj.	Λ																									_		
11/1		7/29/1	1004	1	Mi	4	Cr	_	_	1	_		-		CE	to 5	5	4					10	DE	one	¥7.4.	TIO		DAS	0&	G	ME	TALS	OTHER
Relinquished By:		Date:	Time:	Rece	ived B	y:	-	, ,	1							DC			ION	V					ROP		TIO							
Denk last	-	7/27/11	1540	1	201		0	4						H	IEA	D SI	PAC	E A	BSI	ENT		_		ON	TAI	NEI	RS_		_					
Relinquished By:		Date:	Time:	Rece	ived B	y:		. \	1					D	EC	HLC	ORI	NAT	ΓED	IN	LAI	В		PE	RSE	RV	ED	IN L	AB	_	_			
	- 1			l																														

	McCAN	IPBEL	L ANA	LYT	ICA	LI	NC					-		Г		_	_		CF	IA	IN	0	F	CI	TZ	n	D	VI) F	CO	pn		
			Willow Pas		1									lп	TIE	NS	AR									U		7	CL		(L)		De
Telepho	ne: (925) 79		burg, CA	94565	1	Fax:	(92	5) 7	08-1	623	2			1		41.4			014					RI	USH		24 1	HR		8 HR	-	72 HR	5 DAY
							(, .	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					E	DF I	Req	uire	d?		0	Yes	1	A	-N	-					eport	_		
Report To: Adria	an Angel				o: Sa														Ana	alys	is R	equ	est						_	Othe	-		ments
Company: AEI C	Consultants		PO	#:40	2083	200	-							L		0																	
	Camino Dia													+W78		Grease (5520 E&F/B&F)										0			76	_			
	ut Creek, C	A 94597			il: aa				sulta	ints.	com			7	gel cleanup	&F								310		27			8015	0100		2	
Tel: (408) 559-76	00		_		(408)		-760)1	-					8015) >	cle	20 E	90			081				8/0		t	in u		00	0		Cany	2
Project #:					et Nai	me:								- 80	age	(55	8 (4		6	9 V 8				827		109	cles	1	BY5	-		3	tmo
Project Location:	- A-A	0 Park S	treet, Ala	amed	a								_	020	silica	ease	rbon		(8020)	E SS				25 /		PA.	gel	15	P	3		2	
Sampler Signatur	e: //	/		_	_	_		_	_	_				02/8/	W	& G	roca	- 8	205	cide	0	0		9 Y 6		by E	silica	1/80	6	2	1	1	2
		SAMP	PLING		Type Containers		MA	TR	IX		MET RES			Gas (602	TPH as Diesel (8015)	Total Petroleum Oil &	Total Petroleum Hydrocarbons (418.1)	Pesticides by EPA 8081	BTEX ONLY (EPA 602 /	Organo-chlorine pesticides EPA 8081	PCBs EPA 608 / 8080	8260		PAH's / PNA's by EPA 625 / 8270 / 8310		Arsenic, copper, lead by EPA 6010 (TTLC)	TPH-d by 8015 with silica gel clean up	MBTEX by EPA 8021/8015	multiange	Me		0	2
SAMPLE ID				Containers	tair						T			85	sel (emm	enm	y EP	X	orrine	808	VOCs EPA 624	270	A's	CAM-17 Metals	per,	015	EPA	ia	5		4	8
(Field Point Name)	LOCATION	Date	Time	itai	000				٥.					BTEX & TPH	Die	etro	ctro	es p	N	chle	PA	A J	EPA 625 / 8270	PN	7 M	doo '	39 8(Cby	M	1		=	5
		Date	Time	0	ed.	Water	=	4	Sludge		. 5	HNO3	Other	EX &	H as	al P	al P	ticid	EX	gano	Bs E	CS	A 62	H's	M-I	enic	7	8		5		2	0
		7.1		#	15	3	Soil	Air	2 0	2	HCI	E	ō	BT	F	To	To	Pes	BT	0	20	5	E	PA	CA	Ars	TP	MB	that	1		3	
HEI-13-31	Drain .	7/26/11	8:00A		A		X			X												X							X	X	T	Re-	
AET-13-51		1	8:05A	1	C																												
AEI-13-81	V		8:82A		4																								\Box				
AET-14-41	Edistry VSTS		10:451		+																												
AEI-14-7'	1		11:0017		6			T						X																			
AEI-14-10'			11:10A		1					П						T																	
AEI-17-12'			11:05A		7					П														T									
AEI-14-15'			11:15A		C					П																							
AEI-15-41			11:304															T		T			1							58			
AEI-15-7			11:35A											X											T								
AET-15-10'			11:55A				1						ľ																				
AEI-15-12'			11:45/																								T						
AEI-15-15	N	NI	12:00	0	1		1			1/	1													\top	T		7						
AET-16-4'	WO func	V	12:509		V		d			V						T										T							
Relinquished Byt	, ,	Date:	Time:		ived B	y:	1	1					_				100		-	_								_	_		-		
110		2/20/11	100		1	m	h	6	1	_					COTE A	5	4						-						AS	O&G	M	IETALS	OTHER
Refinquished By:		Date:	Time:	Rece	ved B	y:,	_		,						CE/t		ONI	TI	ON						ER V				-				
I the law		7/27	1540	4	10		0	4	1					H	EAI	SP	AC	E A	BSE	NT			C	ONT	AIN	EF	RS_						
Relinquished By:		Date:	Time:	Rece	wed By	y:		1						D	ECI	ILO	RIN	AT	ED	INI	LAB			PEF	RSE	RVI	ED I	IN L	AB		_		
																																	- 1

	McCAN	1534 V	L ANA	s Road		LI	NC.							Т	UR	N.	AR						7 (CUS	ST	OI	DY :	RE	CC	OR	D	o o	4	×
Telephor	ne: (925) 79		our as our	10.00	F	ax:	(925	79	8-16	522			-	F1F	NT T			10			r	_	_	RU	_		4 HR		48 F		_	2 HR	51	DAY
													4	EI	DF E	(eq	uire	_		3 ,				No]	Cms	il PI	FF	tepo	orte	YE			
Report To: Adria				Bill To									-		_		_	-	Ana	lysi	s R	eque	est	_	_	_	_	1	Ot	ther		Com	men	its
Company: AEI C				#: W	C082	800	_						-			E.F.																		
	Camino Dia			P 3//-			0		14		8400		\dashv		dr	F/B8								0		Q		15	2			do		
Tel: (408) 559-76	ut Creek, C.	A. 94597		E-Mai		_			uitan	its.c	om		\dashv		cam	E&	=			=				831			g-	120	000	2		Z		
Project #:	00			Projec			-700	1					\dashv	8015)	gel cleanup	Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)			8081				625 / 8270 / 8310		Arsenic, copper, lead by EPA 6010 (11LC)	TPH-d by 8015 with silica gel clean up MBTEX by EPA 8021/8015	10	B	3	3	Can	0	
Project Location:	1600 - 163	0 Park S		-						_			\neg	+ 0	silica	ase (ous		8020)	EPA				2/8		A O	gel c	12		-		2	(MO	
Sampler Signatur	A	1												2/802	2	Gre	carb	_	02 / 8	ides	6	1		62		A F	lica /801	310	B	2	1	1	8	
		SAMP	LING		25		MA	FRE	X		ИЕТ			s (60)	15)	ii &	ydro	808	A 60	estic	080	3260		E		ad be	71th silica g 8021/8015	10	3	2	2/0	2		
	1		T	S.L.S	Containers	\vdash				PR	RESE	RVI	ED	as Gas	1 (80	OH	H	EPA	E	ine p	8 / 8	¥	2	s by	als.	er, ic	EPA 8	range	1-	1	00	20	2	
SAMPLE ID	LOCATION			ain	onts								- 1	(PH:)iese	roler	roler	s by	N.	hlor	A 60	A 6	/ 82	Y.	Met	ddoo	y 801 by E	15		T	7	C	2	
(Field Point Name)		Date	Time	Containers		ter		dop	ler.		_	ő	ie.	BTEX & TPH	TPH as Diesel (8015)	Fotal Petroleum Oil &	1 Pet	Pesticides by EPA 8081	BTEX ONLY (EPA 602 /	Organo-chlorine pesticides EPA	PCBs EPA 608 / 8080	VOCs EPA 624 8260	EPA 625 / 8270	PAH's / PNA's by EPA	CAM-17 Metals	anc,	MBTEX	M	0	87	20	-	2	
				#	Type	Water	Soil	Sludge	Other	Ice	HC	HNO3	Other	BTE	TPH	Tota	Tota	Pest	BTE	Orga	PCB	00	EPA	PAH	8	Arse	MB	声	1	Z	6	3	9	
AET-16-7'	Wotank	7/2411	1:008	1	A		V	T	T	V			\forall			\forall						X	+	+	1	+		X	X					
AET-16-10'		1	1:058	1	C					5										T	1													
AET-16-12'			MOR		4			Т		П	П		\exists							T			T	\top	T	1	7	T						
AFT-16-151			1:157		+					П																1								
AET-17-41	011/60		21.10		9					Ħ										T			T											
AET-17-71	Area		3:20		1		\top		Т	Ħ			\neg				Т			1			1	1										
AFT-12-81			2.258		10	-				Ħ				-									T	T				X		X	X			
AET-17-121			2:30						Т									T				\top	T	T	Ť									
AET-17-15'			-				1		Т	I			\top			1		1		T			1	\dagger	Ť	1			174					
AFT-18-4"			3:108				1	1		IT			1					1	T				1	1	Ť	T								
AET-18-81			4:008							IT						-								T				X		X	X			
AFT-18-12			3:581										1						Т		T		T		T	T								
AET-18- 15		1	4:000				1					T	\top			T					T		+	\dagger	Ť	+	T							
Act-19-4'	V	W	4:108	W	a		D			A		T									1		Ť	Ť	Ť	T								
Relinquished By:	1	Date:	Time:	Rece	ived B	y: ,	/					_	†										_					_			_			\neg
100		7/29/11	14001		121	M	- 6	n	2	/				Τ.	CE/t	.5	4						nr) EC	ens	A 797		OAS	0	&G	M	ETALS	OT	HER
Relinquished By:	/	Date:	Time:	Rece	ived B	y:	_		1							_	ONI	IT	ION	0				PPR			ION_ FE							-
1 Anh av		1/27/1	1540	h	d		0	4					_	H	EA) SE	AC	EA	BSE		AF		C	ONT	AIN	ER	S	¥						
Relinquished By:		Date:	Time:	Roge	ived B	y:		V						Ŋ	ECI	ILC	PRIN	AI	ED.	IIN I	AB		-	PER	SEI	(VE	DIN	LAI	5		- "			

Telephone: (9		1534 V Pittsl	L ANAI Villow Pass burg, CA 9	Road					798-	161	22			7	UF	N.	AR						. (RUS	1		Y HR		COI		□ 72 .HR	5 DAY
Telephone. (9	23) 190	0-1020			1	a.	(94	3) 1	70-	102	in die			E	DF I	Req	uire	d?	- [Yes	Ę)	No					eport	-	1	
Report To: Adrian An	igel				: Sa														Ana	alys	is R	eque	st					Т	Othe		Con	ments
Company: AEI Consu	ltants		PO	#: <i>X</i> 49)	e092	80/	7							20		(E)						\Box	Т	T	Т	Т					-	-
2500 Camir														8015) + MTB6	0	Grease (5520 E&F/B&F)									1	3		1			6	M OTEN
Walnut Cr	eek, C	A 94597			l: aaı		-		nsult	ant	s.cor	m		12	silica gel cleanup	E&F	_							3310	a da	3	0.	108			14	E
Tel: (408) 559-7600					408)		9-76	01						5	lele	520 1	18.1			8081				0/3	0	3	an a				cany	2
Project #:					t Nar	ne:								- 8	300	e (55	18 (4		8020)	PA 8				827	100	8	Cle	A A			\$	
Project Location: 1600	0 - 163	0 Park St	reet, Ala	meda	1									950		reas	inbor		/ 80.	es E				525	1	EFA	a ge	P			9	-
Sampler Signature:	CA	-				_				_	3.63	ЕТН	OP	(602/8	/M (& G	roca	18(602	icid	0	.09		EPA 625 / 8270 / 8310	1	6	with sinca gel clean up A 8021/8015	6	1 -		10	3
	0.00	SAMP	LING		ers		MA	TR	X				VED	ias (6	3015	Oil,	Hyd	A 80	3PA	pest	808	/ 82(by E		icad :	WILL 1 802	ample	200	0/09	2.	5
SAMPLE ID (Field Point Name)	ATION	Date	Time	# Containers	Type Containers	Water	Soil	Air	Sludge	ier			Other Other	BTEX & TPH as G	TPH as Diesel (8015)	Total Petroleum Oil &	Total Petroleum Hydrocarbons (418.1)	Pesticides by EPA 8081	BTEX ONLY (EPA 602 /	Organo-chlorine pesticides EPA	PCBs EPA 608 / 8080	VOCs EPA 624 / 8260	EPA 625 / 82 / 0	PAH'S / PNA'S by	CAIM-17 Metals	Arsenic, copper, lead by EPA 0010 (11LC)	MBTEX by EPA	圣	MRIEX (3	read 16	K/1/12 60	DN All
AET-19-8' DIJI	hus	7/241	4:158	1	Ace		X				X														Ī	Ī		X	X			
HED-19-12 An	th	1.	4:201		*k			_		_												4	1		1						_	
AEJ-19-15' V	/	U,	4:451	V	V	L,	V																									
AEI-I-W		2/25/11	9:154	5	WA	X																						X				
AEI-2-N		1	10:10A	5	1																							X				
AFT-3-W			11:00A	5		П																						V				
ALT-4-W			12:10P	5		П																						V				
MET-5-W			1:36P	-																								V		\top		
AET-6-11			0.150	5	\vdash	H				1													+		+	+		V	-	+		
ACT 7-W			157	-	\vdash	H				1		+	+					1				+	+		+	+		V		+	_	
Mr. 2 W			3:308	0		+			+	+		+								-			+	+	+	+		0	-	+	-	
MEL-8-W			4:30P	20	-	+		-	-	-		+	+			-	+	-		+		+	+	+	+	+	-	()	-	+	-	
HEE-Y-W	-	2/1/4		2		-		-	-	+	1	+	+			-	-	-		\dashv	-		+	+	+	+	-	X	-	+	-	
AFI-10-W		7/24/1	10:20A 11:30A	31	N	V		-	-	+	1	+	+	/		-	+	-	-	\dashv	-	+	+	+	+	+	+	X		+	_	
Relinquished By:	-		1/ · 20/7	Poor	ived B	u		_			J	_		\wedge		_	_	_	_													
11/2/		Date: 3/27/1	1:00P		20	wh	_	Ca	l	_	_			,	CE/	50	5.0	-					pr	RESE	DV	AT		OAS	0&0	.	METALS	OTHER
Relinquished By		Date:	Time:	Rece	ived B	y:		-1	,					(600	DC	ON	DIT	ION	Ĭ				PPR					_			
Relinquished By:	-	7/27 Date:	1540 Time:	Rece	ived B	y:	0	4	1			_	_	I	IEA	D S	PAC	E A	BSI	ENT			CO	DNT	AIN	ER	S	LAB				

McCAl	Pitts	L ANA Willow Pas burg, CA 9	Road	1		(92		798-	1622	,			Т	UF	RN	AR		CH					US	ì		Y I		COI		72-HR	5 DAY
reiephone. (925)	70-1020				* # A.	() 2	0) 1	20-	LUMA				E	DF I	Req	uire	d?	[]	Yes	X		No	E	mail	PD	FR	eport	Y	ES)	
Report To: Adrian Angel		I	Bill T	o: Sa	me													Ana	lys	is R	eque	st						Othe	er	Com	ments
Company: AEI Consultants		PO	#: XV	C087	180	Ð							W		E						Т	Т	Т	Т	Т						
2500 Camino Di	ablo, Suite	200													B&									6			1	5	R	3	
Walnut Creek, C	A 94597	I	-Ma	il: aa	nge	l@ae	eicor	nsult	ants.	com			87 m + (2108	silica gel cleanup	&F.							1 5	0158 / 0/78 / 670	12			108	0	2	bany	
Tel: (408) 559-7600		I	ax:	(408)	559	9-76	01						5)7	cle	20 E	1.8			081			0	8	100	in us		100		188	10	
Project #:		I	roje	et Nai	me:								80	3 ge	(55	8 (4		6	A 8			0	179	109	cles		Pho	10	5	10	
Project Location: 1600 - 16	30 Park S	treet, Ma	med	a									+ 0208	illica	ease	pon		802	SEP			1	3	A.	gel	15	0	1	9	3	
Sampler Signature:	. /	/												W	5	ocar	31	02 /	cide		-			by E	ilica	08/1	9	25	7	8	
	SAMÍ	LING		ers		MA	TR	IX			THO ERV		Gas (602	1015)	Oil &	Hydr	A 808	PA 6	pesti	808	8260	1	y Er	lead	with s	EPA 8021/8015	MER	287	The	SI lia	2
SAMPLE ID (Field Point Name)	Date	Time	# Containers	Type Containers	Water	Soil	Air	Sludge	Other)3	Other	BTEX & TPH as G	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	Pesticides by EPA 8081	BTEX ONLY (EPA 602 / 8020)	Organo-chlorine pesticides EPA 8081	PCBs EPA 608 / 8080	VOCs EPA 624(DAIL (1981 8270	CAM-17 Metals	Arsenic, copper, lead by EPA 6010 (TTLC)	TPH-d by 8015 with silica gel clean up	MBTEX by EPA	TPH multira	MBTEX	STIS ME	* With SI	- NO
AEI-15-W AEI-17-W AEI-18-W AEI-19-N	7/24/1	1:48° 3:00° 3:35° 4:10	57474	Logic Control of the	× ×				9				X							7	×							×××			
Relinquished By: Mult Card Relinquished By:	Date: Page:	Time:	Rece	eived B	h	6	1	7	±				E	IEA.	D C	PAC	E A	ION BSE	NT			AP	RESE PRO ONTA PERS	PRI	ERS	DN_ E	OAS LAB	0&6	; 1	METALS	OTHER

CHAIN-OF-CUSTODY RECORD

Page 1 of 3

Requested TAT:

□ J-flag

5 days

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

Adrian Angel

AEI Consultants

Report to:

11

Comments:

096A, 097A, 100B contain testgroup.

WorkOrder: 1107771 ClientCode: AEL

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☐ Email ☐ HardCopy ☐ ThirdParty

Bill to:

Sara Guerin

AEI Consultants

Date Received: 07/27/2011 2500 Camino Diablo, Ste. #200 PO: #WC083212 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597 ProjectNo: #298931; 1600-1630 Park Street Alameda Walnut Creek, CA 94597 Date Printed: 08/03/2011 (925) 283-6000 FAX: (925) 944-2895 squerin@aeiconsultants.com Requested Tests (See legend below) 2 3 5 6 7 8 9 Lab ID Client ID Collection Date Hold 4 10 11 12 Matrix 1107771-011 AEI-3-7' Soil 7/25/2011 10:18 Α 1107771-013 AEI-3-10' Soil 7/25/2011 10:55 Α 1107771-014 AEI-3-12' Soil 7/25/2011 10:50 ✓ Α 1107771-017 AEI-4-7' Soil 7/25/2011 11:30 Α 1107771-019 AEI-4-10' Soil 7/25/2011 11:55 Α 1107771-028 AEI-6-7' Soil 7/25/2011 Α 1107771-029 AEI-6-10' Soil 7/25/2011 13:40 Α 1107771-033 AEI-7-7' Soil 7/25/2011 14:20 Α 1107771-034 AEI-7-11 Soil 7/25/2011 14:10 Α 1107771-037 AEI-8-7' Soil 7/25/2011 14:25 Α 1107771-039 AEI-8-11 7/25/2011 15:10 Soil Α 1107771-052 AEI-11-3' Soil 7/26/2011 8:58 Α Α Α 1107771-054 Α AEI-12-3' Soil 7/26/2011 8:15 Α Α Soil 1107771-057 AEI- 13-3' 7/26/2011 8:00 Α Α Α **Test Legend:** 2 4 5 1 8082A PCB S 8260B S 3 8260B W G-MBTEX S G-MBTEX W 7 6 LUFT_S **LUFTMS DISS** 8 PB S 9 TPH(DMO)WSG_S 10 TPH(DMO)WSG_W

aangel@aeiconsultants.com

Email:

cc:

12

Multi Range w/SG and PCb addd 7/28/11 per email

The following SampIDs: 011A, 017A, 028A, 033A, 037A, 052A, 054A, 057A, 071A, 088A, 089A, 090A, 091A, 092A, 093A, 094A, 095A,

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).

Hazardous samples will be returned to client or disposed of at client expense.

Prepared by: Zoraida Cortez

─ WaterTrax

Email:

cc:

☐ WriteOn

The following SampIDs: 011A, 017A, 028A, 033A, 037A, 052A, 054A, 057A, 071A, 088A, 089A, 090A, 091A, 092A, 093A, 094A, 095A,

aangel@aeiconsultants.com

□ EDF

CHAIN-OF-CUSTODY RECORD

✓ Email

HardCopy

Page 2 of 3

☐ J-flag

5 days

☐ ThirdParty

Requested TAT:

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

Report to:

Adrian Angel

AEI Consultants

WorkOrder: 1107771 ClientCode: AEL

Bill to:

Fax

Sara Guerin

AEI Consultants

Excel

2500 Camino Diable Walnut Creek, CA 9 (925) 283-6000 F/	•	PO: #WC083212 ProjectNo: #298931; 160	00-1630 Park Stre	et Alameda	Wa	alnut Cree	o Diablo, S ek, CA 9459 iconsultant	97		ue Kece te Print		08/03/2	
							Request	ed Tests (Se	e legend k	pelow)			
Lab ID	Client ID	Matrix	Collection Date	Hold 1	2	3	4 5	6	7 8	9	10	11	12
1107771-061	AEI-14-7'	Soil	7/26/2011 11:00				A						
1107771-066	AEI-15-7'	Soil	7/26/2011 11:35				Α						
1107771-071	AEI-16-7'	Soil	7/26/2011 13:00		Α			Α		Α			
1107771-077	AEI-17-8'	Soil	7/26/2011 14:25				Α		А	А			
1107771-081	AEI-18-8'	Soil	7/26/2011 16:00				Α		А	А			
1107771-085	AEI-19-8'	Soil	7/26/2011 16:15				Α		А	А			
1107771-088	AEI-1-W	Water	7/25/2011 9:15				Α						
1107771-089	AEI-2-W	Water	7/25/2011 10:10				А						
1107771-090	AEI-3-W	Water	7/25/2011 11:00				А						
1107771-091	AEI-4-W	Water	7/25/2011 12:10				А						
1107771-092	AEI-5-W	Water	7/25/2011 13:30				А						
1107771-093	AEI-6-W	Water	7/25/2011 14:15				А						
1107771-094	AEI-7-W	Water	7/25/2011 13:57				А						
1107771-095	AEI-8-W	Water	7/25/2011 15:30				А						
Test Legend:													
1 8082A_PCB_S	2	8260B_S	3	8260B_W		4	G-M	BTEX_S		5	G-M	BTEX_W	
6 LUFT_S	7	LUFTMS_DISS	8	PB_S		9	TPH(DN	10)WSG_S		10	TPH(DN	/IO)WSG_	_W
11	12												

Comments: Multi Range w/SG and PCb addd 7/28/11 per email

096A, 097A, 100B contain testgroup.

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).

Hazardous samples will be returned to client or disposed of at client expense.

Prepared by: Zoraida Cortez

CHAIN-OF-CUSTODY RECORD

Page 3 of 3

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

WorkOrder: 1107771 ClientCode: AEL

	waterira	K	EDF	Excei	Fax	y Email	HardCopy	InirdParty	J-flag
Report to:				Bi	II to:		Req	uested TAT:	5 days
Adrian Angel	Email:	aangel@aeiconsu	Itants.com		Sara Guerin				
AEI Consultants	cc:				AEI Consulta	nts			
2500 Camino Diablo, Ste. #200	PO:	#WC083212			2500 Camino	Diablo, Ste. #200	Date.	e Received:	07/27/2011
Walnut Creek, CA 94597	ProjectNo:	#298931; 1600-16	30 Park Street Alar	meda	Walnut Creek	k, CA 94597	Date	e Printed:	08/03/2011
(925) 283-6000 FAX: (925) 944-2895					sguerin@aeio	consultants.com			

								Re	questec	d Tests	(See leg	end bel	ow)			
Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
1107771-096	AEI-9-W	Water	7/25/2011 16:30						Α							
1107771-097	AEI-10-W	Water	7/26/2011 10:20						Α							
1107771-098	AEI-14-W	Water	7/26/2011 11:30						Α							
1107771-099	AEI-15-W	Water	7/26/2011 13:40						Α							
1107771-100	AEI-16-W	Water	7/26/2011				Α		В		С					
1107771-101	AEI-17-W	Water	7/26/2011 15:00						Α					В		
1107771-102	AEI-18-W	Water	7/26/2011 15:35						Α					В		
1107771-103	AEI-19-W	Water	7/26/2011 16:10						Α					В		

Test Legend:

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

The following SampIDs: 011A, 017A, 028A, 033A, 037A, 052A, 054A, 057A, 071A, 088A, 089A, 090A, 091A, 092A, 093A, 094A, 095A, 096A, 097A, 100B contain testgroup.

Comments: Multi Range w/SG and PCb addd 7/28/11 per email

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).

Hazardous samples will be returned to client or disposed of at client expense.

Prepared by: Zoraida Cortez

Two sample ID's with AEI-18-12

Comments:

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

Sample Receipt Checklist

Client Name:	AEI Consultants				Date	and Time Received:	7/27/2011 3	:47:02 PM
Project Name:	#298931; 1600-1630 F	Park Street Alameda			Chec	klist completed and re	eviewed by:	Zoraida Cortez
WorkOrder N°:	1107771	Matrix: <u>Soil/Water</u>			Carrie	er: <u>Derik Cartan (</u> I	MAI Courier)	
		<u>Chain</u>	of Cu	stody (C	OC) Informa	ation		
Chain of custody	present?		Yes	✓	No 🗆			
Chain of custody	signed when relinquishe	ed and received?	Yes	✓	No 🗌			
Chain of custody	agrees with sample lab	els?	Yes		No 🗸			
Sample IDs note	d by Client on COC?		Yes	✓	No 🗌			
Date and Time of	f collection noted by Clie	ent on COC?	Yes	✓	No 🗌			
Sampler's name	noted on COC?		Yes	✓	No \square			
		<u>Sa</u>	ample	Receipt	Information	1		
Custody seals int	tact on shipping containe	er/cooler?	Yes		No 🗌		NA 🗸	
Shipping containe	er/cooler in good conditi	on?	Yes	✓	No 🗌			
Samples in prope	er containers/bottles?		Yes	✓	No 🗌			
Sample containe	ers intact?		Yes	✓	No 🗌			
Sufficient sample	e volume for indicated te	st?	Yes	✓	No 🗌			
		Sample Preser	vatior	n and Ho	ld Time (HT) Information		
All samples recei	ived within holding time?	,	Yes	✓	No 🗌			
Container/Temp	Blank temperature		Coole	r Temp:	5.4°C		NA \square	
Water - VOA vial	ls have zero headspace	/ no bubbles?	Yes	✓	No \square	No VOA vials subm	itted \square	
Sample labels ch	necked for correct preser	vation?	Yes	✓	No 🗌			
Metal - pH accep	otable upon receipt (pH<	2)?	Yes		No \square		NA 🗹	
Samples Receive	ed on Ice?		Yes	✓	No \square			
		(Ice Type:	WE	ΓICE)				
* NOTE: If the "N	lo" box is checked, see	comments below.						
Client contacted:		Date contacte	d:			Contacted	by:	

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

AEI Consultants Client Project ID: #298931; 1600-Date Sampled: 07/26/11 1630 Park Street Alameda Date Received: 07/27/11 2500 Camino Diablo, Ste. #200 Client Contact: Adrian Angel Date Extracted: 07/27/11 Walnut Creek, CA 94597 Client P.O.: #WC083212 Date Analyzed: 07/29/11

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

Analytical Method: SW8260B Extraction Method: SW5030B Work Order: 1107771

Extraction Method: SW3030B		Allai	yticai iviciii	od: SW8200B	work Order: 1107	771	
Lab ID				1107771-052A			
Client ID				AEI-11-3'			
Matrix			Donostin -	Soil			Dorost'
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005
·y- emoriae	110			ecoveries (%)	112	1.0	0.005

%SS3:

%SS1:

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

%SS2:

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

91

94



103

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

McCampbell Analytical, Inc. "When Quality Counts"

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

AEI Consultants	Client Project ID: #298931; 1600-	Date Sampled: 07/26/11
2500 Camina Diable Sta #200	1630 Park Street Alameda	Date Received: 07/27/11
2500 Camino Diablo, Ste. #200	Client Contact: Adrian Angel	Date Extracted: 07/27/11
Walnut Creek, CA 94597	Client P.O.: #WC083212	Date Analyzed: 07/30/11

Extraction Method: SW5030B		Anal	ytical Metho	od: SW8260B	Work Order: 11077	771	
Lab ID				1107771-054A			
Client ID				AEI-12-3'			
Matrix				Soil			
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reportir Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.00
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.00
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.003
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.003
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.00
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.003
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.003
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.003
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.003
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.00
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.00
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.003
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.00
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.00
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.00
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.00
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005

Surrogate Recoveries (%)					
%SS2:	103				

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

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

McCampbell Analytical, Inc. "When Quality Counts"

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

AEI Consultants	Client Project ID: #298931; 1600-	Date Sampled: 07/26/11
2500 Camino Diablo, Ste. #200	1630 Park Street Alameda	Date Received: 07/27/11
	Client Contact: Adrian Angel	Date Extracted: 07/27/11
Walnut Creek, CA 94597	Client P.O.: #WC083212	Date Analyzed: 07/30/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1107771

Lab ID		1107771-057A					
Client ID		AEI- 13-3'					
Matrix		Soil					
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005

Surrogate Recoveries (%)					
%SS1:	94	%SS2:	102		
%SS3:	97				

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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



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

"When Quality Counts"

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

AEI Consultants	Client Project ID: #298931; 1600-	Date Sampled: 07/26/11
2500 Camino Diablo, Ste. #200	1630 Park Street Alameda	Date Received: 07/27/11
	Client Contact: Adrian Angel	Date Extracted: 07/27/11
Walnut Creek, CA 94597	Client P.O.: #WC083212	Date Analyzed: 07/30/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1107771

Lab ID	1107771-071A						
Client ID		AEI-16-7'					
Matrix				Soil			
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethanol	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
n-Propyl benzene	ND	1.0	0.005	Styrene	ND	1.0	0.005
1,1,1,2-Tetrachloroethane	ND	1.0	0.005	1,1,2,2-Tetrachloroethane	ND	1.0	0.005
Tetrachloroethene	ND	1.0	0.005	Toluene	ND	1.0	0.005
1,2,3-Trichlorobenzene	ND	1.0	0.005	1,2,4-Trichlorobenzene	ND	1.0	0.005
1,1,1-Trichloroethane	ND	1.0	0.005	1,1,2-Trichloroethane	ND	1.0	0.005
Trichloroethene	ND	1.0	0.005	Trichlorofluoromethane	ND	1.0	0.005
1,2,3-Trichloropropane	ND	1.0	0.005	1,2,4-Trimethylbenzene	ND	1.0	0.005
1,3,5-Trimethylbenzene	ND	1.0	0.005	Vinyl Chloride	ND	1.0	0.005
Xylenes, Total	ND	1.0	0.005				

Surrogate Recoveries (%)				
%SS1:	95	%SS2:	102	
%SS3:	97			

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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



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

"When Quality Counts"

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

AEI Consultants	Client Project ID: #298931; 1600-	Date Sampled: 07/26/11
2500 Camino Diablo, Ste. #200	1630 Park Street Alameda	Date Received: 07/27/11
	Client Contact: Adrian Angel	Date Extracted: 08/04/11
Walnut Creek, CA 94597	Client P.O.: #WC083212	Date Analyzed: 08/04/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1107771

Lab ID		1107771-100A					
Client ID		AEI-16-W					
Matrix				Water			
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	2.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	Chloroform	ND	1.0	0.5
Chloromethane	ND	1.0	0.5	2-Chlorotoluene	ND	1.0	0.5
4-Chlorotoluene	ND	1.0	0.5	Dibromochloromethane	ND	1.0	0.5
1,2-Dibromo-3-chloropropane	ND	1.0	0.2	1,2-Dibromoethane (EDB)	ND	1.0	0.5
Dibromomethane	ND	1.0	0.5	1,2-Dichlorobenzene	ND	1.0	0.5
1,3-Dichlorobenzene	ND	1.0	0.5	1,4-Dichlorobenzene	ND	1.0	0.5
Dichlorodifluoromethane	ND	1.0	0.5	1,1-Dichloroethane	ND	1.0	0.5
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5	1,1-Dichloroethene	ND	1.0	0.5
cis-1,2-Dichloroethene	ND	1.0	0.5	trans-1,2-Dichloroethene	ND	1.0	0.5
1,2-Dichloropropane	ND	1.0	0.5	1,3-Dichloropropane	ND	1.0	0.5
2,2-Dichloropropane	ND	1.0	0.5	1,1-Dichloropropene	ND	1.0	0.5
cis-1,3-Dichloropropene	ND	1.0	0.5	trans-1,3-Dichloropropene	ND	1.0	0.5
Diisopropyl ether (DIPE)	ND	1.0	0.5	Ethanol	ND	1.0	50
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
n-Propyl benzene	ND	1.0	0.5	Styrene	ND	1.0	0.5
1,1,1,2-Tetrachloroethane	ND	1.0	0.5	1,1,2,2-Tetrachloroethane	ND	1.0	0.5
Tetrachloroethene	ND	1.0	0.5	Toluene	ND	1.0	0.5
1,2,3-Trichlorobenzene	ND	1.0	0.5	1,2,4-Trichlorobenzene	ND	1.0	0.5
1,1,1-Trichloroethane	ND	1.0	0.5	1,1,2-Trichloroethane	ND	1.0	0.5
Trichloroethene	ND	1.0	0.5	Trichlorofluoromethane	ND	1.0	0.5
1,2,3-Trichloropropane	ND	1.0	0.5	1,2,4-Trimethylbenzene	ND	1.0	0.5
1,3,5-Trimethylbenzene	ND	1.0	0.5	Vinyl Chloride	ND	1.0	0.5
Xylenes, Total	ND	1.0	0.5	, , , , , , , , , , , , , , , , , , ,	1,2	0	, ,,,,
	112	1.0		(0/)			

Surrogate Recoveries (%)					
%SS1:	110	%SS2:	102		
%SS3:	111				

Comments: b1

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

b1) aqueous sample that contains greater than ~1 vol. % sediment



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



AEI Consultants	Client Project ID: 1600-1630 Park	Date Sampled: 07/25/11-07/26/11
2500 Camino Diablo, Ste. #200	Street Alameda	Date Received: 07/27/11
	Client Contact: Adrian Angel	Date Extracted 07/27/11-08/01/11
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed 07/28/11-08/01/11

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

Extraction method: SW5030B Analytical methods: SW8015Bm Work Order: 1107771 Client ID TPH(g) DF Lab ID Matrix % SS Comments 052A AEI-11-3' S ND 90 1 054A AEI-12-3' S ND 1 95 057A AEI- 13-3' S ND 1 92 071A AEI-16-7' S ND 1 85 088A AEI-1-W W ND 1 105 b1 W 089A AEI-2-W ND 108 090A AEI-3-W W 11,000 10 105 d1,b6 091A AEI-4-W W 200,000 100 d1,b6 092A AEI-5-W W ND 1 100 093A AEI-6-W W 18,000 10 103 d7.b6.b1 094A AEI-7-W W 280 1 118 d7,b6,b1 095A AEI-8-W W ND 103 1 AEI-9-W W ND 102 096A 1 AEI-10-W W ND 097A 1 102 b1

Reporting Limit for DF =1; ND means not detected at or	W	50	μg/L
above the reporting limit	S	1.0	mg/Kg

ND

W

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

AEI-16-W

Angela Rydelius, Lab Manager

1

104

h1

100B

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

[#] cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

b1) aqueous sample that contains greater than ~1 vol. % sediment

b6) lighter than water immiscible sheen/product is present

d1) weakly modified or unmodified gasoline is significant

d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram

AEI Consultants

Client Project ID: 1600-1630 Park
Street Alameda

Date Sampled: 07/26/11

Date Received: 07/27/11

Client Contact: Adrian Angel

Date Extracted: 07/27/11-07/29/11

Valnut Creek, CA 94597

Client P.O.:

Date Analyzed: 07/28/11-07/29/11

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction	Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 1107771										1107771
Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
061A	AEI-14-7'	S	ND	ND	ND	ND	ND	ND	1	87	
066A	AEI-15-7'	S	ND	ND	ND	ND	ND	ND	1	90	
077A	AEI-17-8'	S	ND	ND	ND	ND	ND	ND	1	82	
081A	AEI-18-8'	S	ND	ND	ND	ND	ND	ND	1	77	
085A	AEI-19-8'	S	ND	ND	ND	ND	ND	ND	1	92	
098A	AEI-14-W	W	ND	ND	ND	ND	ND	ND	1	104	b1
099A	AEI-15-W	W	ND	ND	ND	ND	ND	ND	1	110	b1
101A	AEI-17-W	W	ND	ND	ND	ND	ND	ND	1	100	b1
102A	AEI-18-W	W	ND	ND	ND	ND	ND	ND	1	100	b1
103A	AEI-19-W	w	ND	ND	ND	ND	ND	ND	1	103	b1
	orting Limit for DF =1;	W	50	5.0	0.5	0.5	0.5	0.5		μg/I	
	neans not detected at or ove the reporting limit	S	1.0	0.05	0.005	0.005	0.005	0.005		mg/K	

* water and vapor samples are repo	orted in µ	g/L, soil/sludge/soli	d samples in mg	/kg, wipe sa	mples in μg/wi	ipe, product/oil/	non-aqueous l	iquid samples and a	11 TCLP &
SPI P extracts in mg/I									

[#] cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: b1) aqueous sample that contains greater than ~1 vol. % sediment

	Client Project ID: 1600-1630 Park	Date Sampled: 07/26/11
2500 Camino Diablo, Ste. #200	Street Alameda	Date Received: 07/27/11
•	Client Contact: Adrian Angel	Date Extracted: 07/27/11
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed: 07/28/11

Extraction method: SW3050B Analytical methods: SW6010B								Work Order: 1107771		
Client ID	Matrix	Extraction Type	Cadmium	Chromium	Lead	Nickel	Zinc	DF	% SS	Comments
AEI-11-3'	S	TOTAL	ND	60	ND	24	16	1	103	
AEI-12-3'	S	TOTAL	ND	31	ND	15	10	1	100	
AEI- 13-3'	S	TOTAL	ND	29	ND	14	9.7	1	100	
AEI-16-7'	S	TOTAL	ND	54	ND	48	27	1	101	
			1							
	Client ID AEI-11-3' AEI-12-3' AEI- 13-3'	Client ID Matrix AEI-11-3' S AEI-12-3' S AEI- 13-3' S	Client ID Matrix Extraction Type AEI-11-3' S TOTAL AEI-12-3' S TOTAL AEI- 13-3' S TOTAL	Client ID Matrix Extraction Type Cadmium AEI-11-3' S TOTAL ND AEI-12-3' S TOTAL ND AEI- 13-3' S TOTAL ND	Client ID Matrix Extraction Type Cadmium Chromium AEI-11-3' S TOTAL ND 60 AEI-12-3' S TOTAL ND 31 AEI-13-3' S TOTAL ND 29	Client ID Matrix Extraction Type Cadmium Chromium Lead AEI-11-3' S TOTAL ND 60 ND AEI-12-3' S TOTAL ND 31 ND AEI- 13-3' S TOTAL ND 29 ND	Client ID Matrix Extraction Type Cadmium Chromium Lead Nickel AEI-11-3' S TOTAL ND 60 ND 24 AEI-12-3' S TOTAL ND 31 ND 15 AEI- 13-3' S TOTAL ND 29 ND 14	Client ID Matrix Extraction Type Cadmium Chromium Lead Nickel Zinc AEI-11-3' S TOTAL ND 60 ND 24 16 AEI-12-3' S TOTAL ND 31 ND 15 10 AEI- 13-3' S TOTAL ND 29 ND 14 9.7	Client ID Matrix Extraction Type Cadmium Chromium Lead Nickel Zinc DF AEI-11-3' S TOTAL ND 60 ND 24 16 1 AEI-12-3' S TOTAL ND 31 ND 15 10 1 AEI- 13-3' S TOTAL ND 29 ND 14 9.7 1	Client ID Matrix Extraction Type Cadmium Chromium Lead Nickel Zinc DF % SS AEI-11-3' S TOTAL ND 60 ND 24 16 1 103 AEI-12-3' S TOTAL ND 31 ND 15 10 1 100 AEI-13-3' S TOTAL ND 29 ND 14 9.7 1 100

Reporting Limit for DF =1; ND means not detected at or	W	TOTAL	NA	NA	NA	NA	NA	NA
above the reporting limit	S	TOTAL	1.5	1.5	5.0	1.5	5.0	mg/Kg

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

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

TOTAL = Hot acid digestion of a representative sample aliquot.

TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.

DISS = Dissolved metals by direct analysis of $0.45 \mu m$ filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard

DF = Dilution Factor

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

AEI Consultants	Client Project ID: 1600-1630 Park	Date Sampled: 07/26/11
2500 Camino Diablo, Ste. #200	Street Alameda	Date Received: 07/27/11
	Client Contact: Adrian Angel	Date Extracted: 07/27/11
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed: 07/28/11

LUFT 5 Metals*

Analytical methods: E200.8 Work Order: 1107771 Extraction method: E200.8

Lab ID	Client ID	Matrix	Extraction Type	Cadmium	Chromium	Lead	Nickel	Zinc	DF	% SS	Comments
100C	AEI-16-W	W	DISS.	ND	ND	ND	8.7	ND	1	N/A	b1

Reporting Limit for DF =1; ND means not detected at or	W	DISS.	0.25	0.5	0.5	0.5	5.0	μg/L
above the reporting limit	S	TOTAL	NA	NA	NA	NA	NA	NA

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

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

TOTAL = Hot acid digestion of a representative sample aliquot.

TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.

DISS = Dissolved metals by direct analysis of $0.45 \mu m$ filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard

DF = Dilution Factor

b1) aqueous sample that contains greater than ~1 vol. % sediment

Angela Rydelius, Lab Manager

DHS ELAP Certification 1644

McCampbell Analytical, Inc. "When Quality Counts"

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

AEI Consultants	Client Project ID: 1600-1630 Park	Date Sampled: 07/26/11
2500 Camino Diablo, Ste. #200	Street Alameda	Date Received: 07/27/11
	Client Contact: Adrian Angel	Date Extracted: 07/27/11
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed: 07/28/11

Lead by ICP*

Extraction method: SW305	0B	Analy	Analytical methods: SW6010B				
Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS	Comments
1107771-077A	AEI-17-8'	S	TOTAL	ND	1	103	
1107771-081A	AEI-18-8'	S	TOTAL	ND	1	102	
1107771-085A	AEI-19-8'	S	TOTAL	ND	1	97	

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

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

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

TOTAL = Hot acid digestion of a representative sample aliquot.

TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.

DISS = Dissolved metals by direct analysis of $0.45 \mu m$ filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard

DF = Dilution Factor

__Angela Rydelius, Lab Manager

DHS ELAP Certification 1644



	Client Project ID: #298931; 1600-1630 Dat	Date Sampled:	07/25/11-07/26/11
2500 Camino Diablo, Ste. #200	Park Street Alameda	Date Received:	07/27/11
	Client Contact: Adrian Angel	Date Extracted:	07/27/11
Walnut Creek, CA 94597	Client P.O.: #WC083212	Date Analyzed:	07/30/11-08/03/11

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method:	SW3510C/3630C/SW3550B/363	3630C/SW3550B/363 Analytical methods: SW8015B					
Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1107771-052A	AEI-11-3'	S	2.2	8.5	1	115	e2
1107771-054A	AEI-12-3'	S	2.6	ND	1	93	e2
1107771-057A	AEI- 13-3'	S	4.2	ND	1	86	e2
1107771-071A	AEI-16-7'	S	1.4	ND	1	89	e2
1107771-077A	AEI-17-8'	S	1.1	ND	1	89	e2
1107771-081A	AEI-18-8'	S	ND	ND	1	117	
1107771-085A	AEI-19-8'	S	ND	ND	1	117	
1107771-088A	AEI-1-W	W	W ND ND 1		1	88	b1
1107771-089A	AEI-2-W	W	W ND ND 1		1	104	
1107771-090A	AEI-3-W	W	12,000	29,000	50	#	e7,e2,e11,b6
1107771-091A	AEI-4-W	W	25,000	19,000	50	116	e4,e7,e2,b6
1107771-092A	AEI-5-W	W	ND	ND	1	91	
1107771-093A	AEI-6-W	W	120,000	300,000	400	#	e7,e2,e11,b6,b1
1107771-094A	AEI-7-W	W	11,000 28,000 4		40	#	e7,e2,e11,b6,b1
1107771-095A	AEI-8-W	W	1600	3800	10	80	e7,e2
	eporting Limit for DF =1;	W	50	250		μg	L
	O means not detected at or above the reporting limit	S	1.0	5.0		mg/	Kg

ND means not detected at or above the reporting limit	S	1.0	5.0	mg/Kg
* water samples are reported in ug/L, wipe samples in ug/wi	pe. soil/so	lid/sludge samples in mg/kg.	product/oil/non-aqueous liqu	id samples in mg/L, and all DISTLC

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

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

- a14) reporting limit raised due to the physical nature of the sample
- b1) aqueous sample that contains greater than ~1 vol. % sediment
- b6) lighter than water immiscible sheen/product is present
- e2) diesel range compounds are significant; no recognizable pattern
- e4) gasoline range compounds are significant.
- e7) oil range compounds are significant
- e11) stoddard solvent/mineral spirit (?)



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

[%]SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor



	Client Project ID: #298931; 1600-1630	Date Sampled:	07/25/11-07/26/11
2500 Camino Diablo, Ste. #200	Park Street Alameda	Date Received:	07/27/11
	Client Contact: Adrian Angel	Date Extracted:	07/27/11
Walnut Creek, CA 94597	Client P.O.: #WC083212	Date Analyzed:	07/30/11-08/03/11

Extraction method:	SW3510C/3630C/SW3550B/363	Analytica	al methods: SW8015B	•	Work Order: 1107771				
Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments		
1107771-096A	AEI-9-W	W	ND	ND	1	98			
1107771-097A	AEI-10-W	W	ND	400	1	97	e7,b1		
1107771-100B	AEI-16-W	W	ND	ND	1	91	b1		
1107771-101B	AEI-17-W	W	89	590	1	117	e7,e2,b1		
1107771-102B	AEI-18-W	W	ND<100	ND<500	2	79	a14,b1		
1107771-103B	AEI-19-W	W	ND<100	ND<500	2	89	a14,b1		

Reporting Limit for DF =1; ND means not detected at or	W	50	250	μg/L
above the reporting limit	S	1.0	5.0	mg/Kg

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

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

- a14) reporting limit raised due to the physical nature of the sample
- b1) aqueous sample that contains greater than ~1 vol. % sediment
- b6) lighter than water immiscible sheen/product is present
- e2) diesel range compounds are significant; no recognizable pattern
- e4) gasoline range compounds are significant.
- e7) oil range compounds are significant
- e11) stoddard solvent/mineral spirit (?)



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

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 59983 WorkOrder: 1107771

EPA Method: SW8260B	Extrac	tion: SW	5030B					S	piked Sam	ple ID:	1107682-0	11a
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
7 thatyto	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	86	85	1.15	87.4	88.3	1.03	70 - 130	30	70 - 130	30
Benzene	ND	0.050	103	102	1.60	105	105	0	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	106	105	1.43	109	109	0	70 - 130	30	70 - 130	30
Chlorobenzene	ND	0.050	98.8	97.2	1.68	99.8	101	1.25	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	95.8	94	1.87	95.4	95.8	0.376	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	103	101	1.29	104	105	0.808	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	0.050	110	107	2.34	111	112	0.754	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	119	117	1.77	120	122	1.71	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	107	104	3.25	108	108	0	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	101	100	1.04	104	105	0.747	70 - 130	30	70 - 130	30
Toluene	ND	0.050	105	102	3.00	107	107	0	70 - 130	30	70 - 130	30
Trichloroethene	ND	0.050	93	91.5	1.53	92.9	93.4	0.517	70 - 130	30	70 - 130	30
%SS1:	94	0.12	94	95	0.184	95	95	0	70 - 130	30	70 - 130	30
%SS2:	104	0.12	108	107	0.999	108	109	1.08	70 - 130	30	70 - 130	30
%SS3:	98	0.012	95	98	2.71	96	96	0	70 - 130	30	70 - 130	30

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

BATCH 59983 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107771-052A	07/26/11 8:58 AM	07/27/11	07/29/11 6:40 PM	1107771-054A	07/26/11 8:15 AM	07/27/11	07/30/11 3:34 AM
1107771-057A	07/26/11 8:00 AM	07/27/11	07/30/11 4:15 AM	1107771-071A	07/26/11 1:00 PM	07/27/11	07/30/11 4:56 AM

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

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

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

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

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

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

QA/QC Officer

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 59996 WorkOrder: 1107771

EPA Method: SW8260B	Extrac	tion: SW	5030B					S	piked Sam	ple ID:	1107758-0	09B
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
,	μg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	10	80.8	78.7	2.57	81.6	78.6	3.79	70 - 130	30	70 - 130	30
Benzene	ND	10	94	88.2	6.41	103	98.3	4.58	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	82.9	79.3	4.45	97	96.3	0.743	70 - 130	30	70 - 130	30
Chlorobenzene	ND	10	97.5	92.3	5.50	101	96	4.91	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	94.5	92	2.71	105	100	4.71	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	96	92.4	3.81	91	87.4	4.01	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	10	83	75.9	8.89	125	117	6.91	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	97.9	94.1	3.99	101	97.1	3.43	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	91.3	88	3.76	103	99.5	3.84	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	95.3	91.7	3.89	98.2	94.6	3.69	70 - 130	30	70 - 130	30
Toluene	ND	10	96.7	89.8	7.34	106	99.8	6.29	70 - 130	30	70 - 130	30
Trichloroethene	ND	10	98.6	92.2	6.76	83.8	79.5	5.24	70 - 130	30	70 - 130	30
%SS1:	103	25	99	99	0	95	95	0	70 - 130	30	70 - 130	30
%SS2:	97	25	103	103	0	107	106	0.754	70 - 130	30	70 - 130	30
%SS3:	82	2.5	98	98	0	128	128	0	70 - 130	30	70 - 130	30

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

BATCH 59996 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107771-100A	07/26/1	1 08/04/11	08/04/11 2:50 PM				

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

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

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

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

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

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

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

QA/QC Officer

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 60030 WorkOrder: 1107771

EPA Method: SW8021B/8015Bm Extraction: SW5030B						Spiked Sample ID: 1107758-010A						
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	μg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) [£]	ND	60	89.3	89.9	0.713	89.1	89	0.137	70 - 130	20	70 - 130	20
MTBE	ND	10	119	121	1.80	119	117	1.49	70 - 130	20	70 - 130	20
Benzene	ND	10	110	115	4.59	110	119	7.85	70 - 130	20	70 - 130	20
Toluene	ND	10	97.5	101	3.59	98.7	104	5.72	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	98.4	102	4.01	98.6	102	3.87	70 - 130	20	70 - 130	20
Xylenes	ND	30	111	116	3.83	112	115	3.12	70 - 130	20	70 - 130	20
%SS:	99	10	103	107	3.84	103	107	4.57	70 - 130	20	70 - 130	20

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

BATCH 60030 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107771-088A	07/25/11 9:15 AM	07/29/11	07/29/11 12:30 AM	1107771-089A	07/25/11 10:10 AM	07/29/11	07/29/11 4:00 AM
1107771-090A	07/25/11 11:00 AM	07/28/11	07/28/11 11:57 PM	1107771-091A	07/25/11 12:10 PM	07/29/11	07/29/11 12:57 AM
1107771-092A	07/25/11 1:30 PM	07/29/11	07/29/11 4:30 AM	1107771-093A	07/25/11 2:15 PM	07/29/11	07/29/11 1:27 AM
1107771-094A	07/25/11 1:57 PM	08/01/11	08/01/11 4:12 PM				

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

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

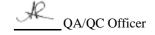
MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content, or inconsistency in sample containers.



QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 60046 WorkOrder: 1107771

EPA Method: SW8021B/8015Bm	Extrac	tion: SW	5030B					S	Spiked Sam	ple ID:	1107771-0	98A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
, and yet	μg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) [£]	ND	60	105	102	2.69	104	102	2.32	70 - 130	20	70 - 130	20
MTBE	ND	10	114	110	3.06	107	111	2.83	70 - 130	20	70 - 130	20
Benzene	ND	10	102	99.1	2.76	99.5	99.3	0.170	70 - 130	20	70 - 130	20
Toluene	ND	10	102	99.2	3.27	98.2	99.4	1.17	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	101	98.5	2.84	98.4	98.1	0.278	70 - 130	20	70 - 130	20
Xylenes	ND	30	104	102	2.67	101	101	0	70 - 130	20	70 - 130	20
%SS:	104	10	99	99	0	98	98	0	70 - 130	20	70 - 130	20

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

BATCH 60046 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107771-095A	07/25/11 3:30 PM	07/29/11	07/29/11 8:49 PM	1107771-096A	07/25/11 4:30 PM	07/29/11	07/29/11 5:30 AM
1107771-097A	07/26/11 10:20 AM	07/29/11	07/29/11 5:59 AM	1107771-098A	07/26/11 11:30 AM	07/29/11	07/29/11 6:29 AM
1107771-099A	07/26/11 1:40 PM	07/29/11	07/29/11 6:59 AM	1107771-100B	07/26/11	07/29/11	07/29/11 7:29 AM
1107771-101A	07/26/11 3:00 PM	07/29/11	07/29/11 8:29 AM	1107771-102A	07/26/11 3:35 PM	07/29/11	07/29/11 8:59 AM
1107771-103A	07/26/11 4:10 PM	07/29/11	07/29/11 9:29 AM				

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

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

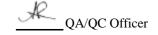
MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content, or inconsistency in sample containers.



QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 60049 WorkOrder: 1107771

EPA Method: SW8021B/8015Bm	Extrac	tion: SW	5030B					S	piked Sam	ple ID:	1107771-0	185A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
, way to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) [£]	ND	0.60	87.1	91.8	5.34	86.5	89.9	3.80	70 - 130	20	70 - 130	20
MTBE	ND	0.10	106	117	10.3	103	106	3.56	70 - 130	20	70 - 130	20
Benzene	ND	0.10	103	102	0.463	102	99.1	3.16	70 - 130	20	70 - 130	20
Toluene	ND	0.10	90.2	90	0.229	88.9	86.5	2.70	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	91.6	91.5	0.116	89.2	87.7	1.73	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	104	104	0	101	99.8	1.17	70 - 130	20	70 - 130	20
%SS:	92	0.10	100	103	3.66	101	93	7.75	70 - 130	20	70 - 130	20

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

BATCH 60049 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107771-052A	07/26/11 8:58 AM	07/27/11	07/28/11 2:05 PM	1107771-054A	07/26/11 8:15 AM	07/27/11	07/28/11 3:09 PM
1107771-057A	07/26/11 8:00 AM	07/27/11	07/28/11 3:41 PM	1107771-061A	07/26/11 11:00 AM	07/27/11	07/28/11 4:13 PM
1107771-066A	07/26/11 11:35 AM	07/27/11	07/28/11 4:45 PM	1107771-071A	07/26/11 1:00 PM	07/27/11	07/28/11 6:11 PM
1107771-077A	07/26/11 2:25 PM	07/27/11	07/28/11 6:42 PM	1107771-081A	07/26/11 4:00 PM	07/27/11	07/28/11 7:12 PM
1107771-085A	07/26/11 4:15 PM	07/27/11	07/28/11 4:09 PM				

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

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

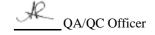
MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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



QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 1107771

EPA Method: SW6010B	EPA Method: SW6010B				3050B		BatchID): 59951	Spiked Sample ID:			1107632-009A	
Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acc	eptanc	e Criteria (%)
, analyto	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Cadmium	N/A	0	N/A	N/A	N/A	10	116	106	9.26	N/A	N/A	75 - 125	25
Chromium	N/A	0	N/A	N/A	N/A	10	109	101	8.01	N/A	N/A	75 - 125	25
Lead	400	50	NR	NR	NR	10	102	102	0	75 - 125	25	75 - 125	25
Nickel	N/A	0	N/A	N/A	N/A	10	114	101	11.6	N/A	N/A	75 - 125	25
Zinc	N/A	0	N/A	N/A	N/A	100	112	103	8.63	N/A	N/A	75 - 125	25
%SS:	109	500	107	110	3.46	500	121	114	5.66	70 - 130	20	70 - 130	20

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

BATCH 59951 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107771-052A	07/26/11 8:58 AM	07/27/11	07/28/11 9:17 PM	1107771-054A	07/26/11 8:15 AM	07/27/11	07/28/11 9:21 PM
1107771-057A	07/26/11 8:00 AM	07/27/11	07/28/11 9:24 PM	1107771-071A	07/26/11 1:00 PM	07/27/11	07/28/11 9:27 PM

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

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

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

N/A = not applicable to this method.

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

QC SUMMARY REPORT FOR E200.8

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 60015 WorkOrder: 1107771

EPA Method: E200.8	Extrac	tion: E20	0.8					S	piked Sam	ple ID:	1107663-0	02A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
, may to	μg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Cadmium	ND	10	93.6	95.1	1.54	97.6	96.1	1.51	70 - 130	20	85 - 115	20
Chromium	ND	10	95.6	95.4	0.210	101	98.6	2.24	70 - 130	20	85 - 115	20
Lead	ND	10	94.3	94.6	0.278	98.1	99	0.893	70 - 130	20	85 - 115	20
Nickel	0.76	10	92.9	95.5	2.55	99	96.5	2.55	70 - 130	20	85 - 115	20
Zinc	ND	100	96.7	98.2	1.47	95.5	95.4	0.168	70 - 130	20	85 - 115	20
% SS:	104	750	105	104	0.179	97	97	0	70 - 130	20	70 - 130	20

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

BATCH 60015 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed	
1107771-100C	07/26/11	07/27/11	07/28/11 9:16 PM					

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

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

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

N/A = not applicable to this method.

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

DHS ELAP Certification 1644

QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 1107771

EPA Method: SW6010B	EPA Method: SW6010B Extraction: SW3050B						BatchID): 59951	Spike	ed Sample	ID:	1107632-00	9A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acc	eptanc	e Criteria (%)
, unaryto	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	400	50	NR	NR	NR	10	102	102	0	75 - 125	25	75 - 125	25
%SS:	109	500	107	110	3.46	500	121	114	5.66	70 - 130	20	70 - 130	20

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

BATCH 59951 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107771-077A	07/26/11 2:25 PM	07/27/11	07/28/11 7:26 PM	1107771-081A	07/26/11 4:00 PM	07/27/11	07/28/11 7:28 PM

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

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

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

N/A = not applicable to this method.

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

QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 1107771

EPA Method: SW6010B	1		Extract	ion: SW:	3050B		BatchID	: 60050	Spike	ed Sample	ID:	1107771-08	5A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acc	eptanc	e Criteria (%)
, analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	ND	50	96.7	103	5.87	10	104	117	18.6	75 - 125	25	75 - 125	25
%SS:	97	500	94	104	10.5	500	96	102	5.39	70 - 130	20	70 - 130	20

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

BATCH 60050 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107771-085A	07/26/11 4:15 PM	07/27/11	07/28/11 9:37 PM				

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

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

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

N/A = not applicable to this method.

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

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 60014 WorkOrder: 1107771

EPA Method: SW8015B		Spiked Sample ID: 1107752-002A										
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
7 may to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	6.7	40	94	91.4	2.31	122	114	6.88	70 - 130	30	70 - 130	30
%SS:	120	25	111	111	0	100	99	0.528	70 - 130	30	70 - 130	30

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

BATCH 60014 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107771-052A	07/26/11 8:58 AM	07/27/11	07/30/11 2:43 PM	1107771-054A	07/26/11 8:15 AM	07/27/11	08/03/11 8:52 AM
1107771-057A	07/26/11 8:00 AM	07/27/11	08/03/11 2:52 AM	1107771-071A	07/26/11 1:00 PM	07/27/11	08/03/11 5:14 AM
1107771-077A	07/26/11 2:25 PM	07/27/11	08/03/11 1:40 AM	1107771-081A	07/26/11 4:00 PM	07/27/11	07/30/11 12:33 AM
1107771-085A	07/26/11 4:15 PM	07/27/11	07/30/11 10:51 AM				

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

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

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

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

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

QA/QC Officer

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 60037 WorkOrder: 1107771

EPA Method: SW8015B	Extrac	tion: SW		Spiked Sample ID: N/A								
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
	μg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	107	113	5.09	N/A	N/A	70 - 130	30
%SS:	N/A	625	N/A	N/A	N/A	93	108	14.7	N/A	N/A	70 - 130	30

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

BATCH 60037 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107771-088A	07/25/11 9:15 AM	07/27/11	08/03/11 7:44 AM	1107771-089A	07/25/11 10:10 AM	07/27/11	08/03/11 2:52 AM
1107771-090A	07/25/11 11:00 AM	07/27/11	08/03/11 6:25 AM	1107771-091A	07/25/11 12:10 PM	07/27/11	08/03/11 4:21 AM
1107771-092A	07/25/11 1:30 PM	07/27/11	08/03/11 3:13 AM	1107771-093A	07/25/11 2:15 PM	07/27/11	08/03/11 7:36 AM
1107771-094A	07/25/11 1:57 PM	07/27/11	08/03/11 4:03 AM	1107771-095A	07/25/11 3:30 PM	07/27/11	08/03/11 4:37 PM
1107771-096A	07/25/11 4:30 PM	07/27/11	08/03/11 1:40 AM	1107771-097A	07/26/11 10:20 AM	07/27/11	08/02/11 10:00 PM
1107771-100B	07/26/11	07/27/11	08/02/11 8:45 PM	1107771-101B	07/26/11 3:00 PM	07/27/11	08/03/11 4:37 PM
1107771-102B	07/26/11 3:35 PM	07/27/11	08/03/11 3:23 PM	1107771-103B	07/26/11 4:10 PM	07/27/11	08/03/11 2:05 PM

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

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

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

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

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

DHS ELAP Certification 1644

QA/QC Officer

Analytical Report

AEI Consultants	Client Project ID: #298931; 1600-1630 Park Street Alameda	Date Sampled:	07/25/11
2500 Camino Diablo, Ste. #200	Alaneua	Date Received:	07/27/11
2500 Camino Biacio, Stel. #200	Client Contact: Adrian Angel	Date Reported:	08/04/11
Walnut Creek, CA 94597	Client P.O.: #WC083212	Date Completed:	08/04/11

WorkOrder: 1107771 A

August 04, 2011

Dear Adrian:

Enclosed within are:

- 1) The results of the 10 analyzed samples from your project: #298931; 1600-1630 Park Street Alameda,
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

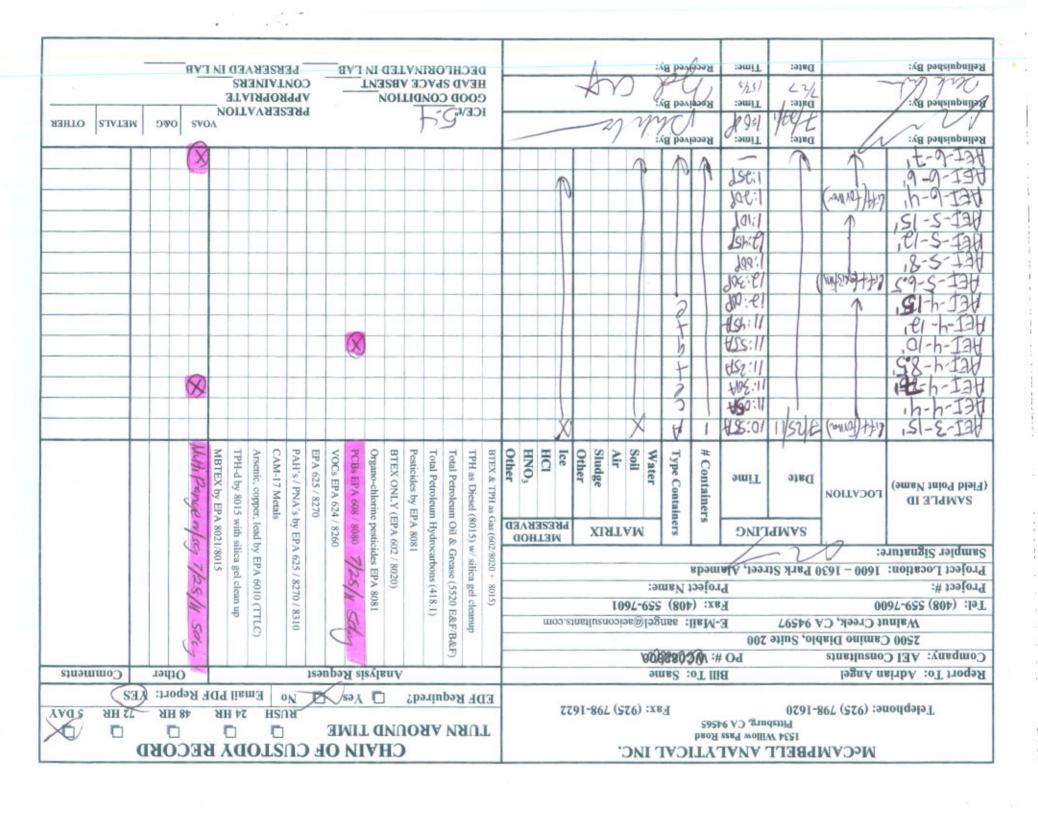
All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

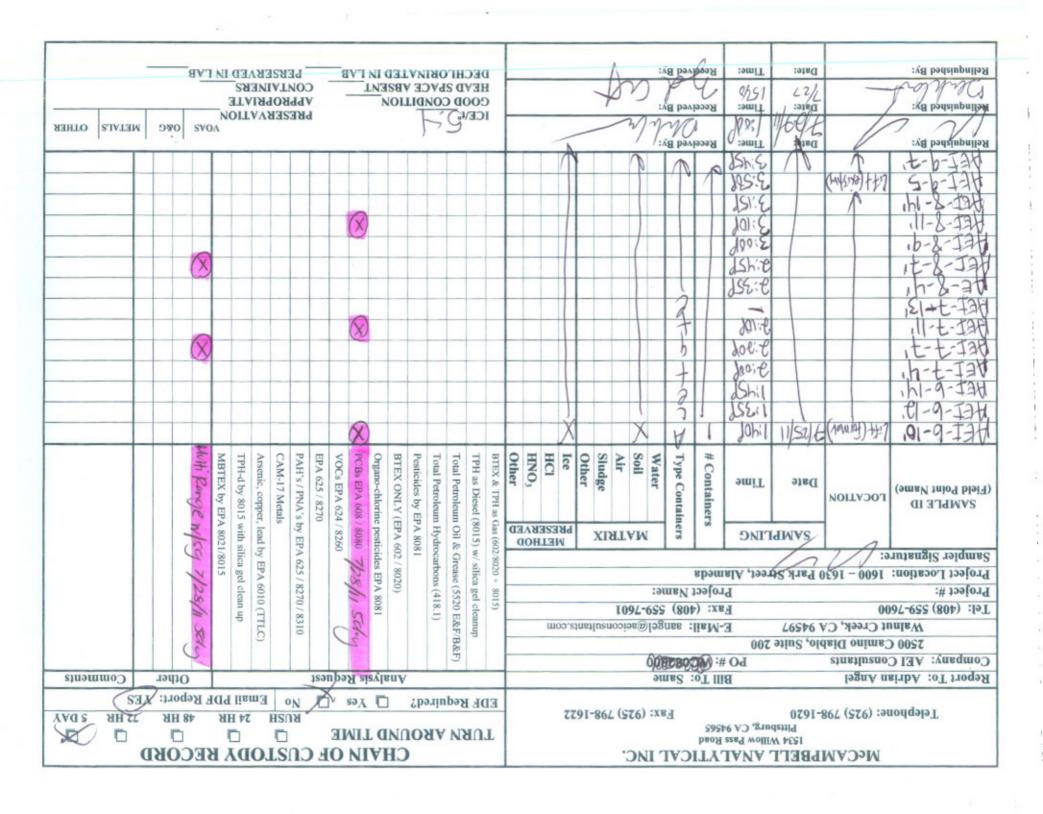
Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

	McCAN	IPBELI	ANAI	YT	ICA	LI	NC											-	CH	A	IN	0	F	CU	ST	O'	DY	7 R	REC	CO	RI	D		
		1534 V	Villow Pass	Road		110			7	١				Т	UF	N.	AR											1						X
Tolonhor	ne: (925) 79		burg, CA 94	1565		ax:					,			1	-	ar .	LART	-	21 11					RI	JSH		24 F	IR	4	8 HI	R	72	HR	5 DAY
Тегериот	ile. (923) 790	0-1020				ax.	(92.	3) 1	20-1	02.				El	DF I	Req	uire	d?		3	Yes			N					F Re			YES		
Report To: Adria	n Angel		В	ill To	: Sa	me													Ana	lysi	s R	equ	est							Oth	er	-	Com	nents
Company: AEI C	Consultants		PO	#: VA	0082	860	L									(E)					La								3					
2500 (Camino Dia	blo, Suite	200													B&					18					23			2	3				
Walni	ut Creek, C.	A 94597	E	-Mai	l: aa	ngel	@ae	icon	sulta	nts.	com				w/ silica gel cleanup	&F				1	=			310		TE	а		5					
Tel: (408) 559-76	00				(408)		-76	01						(2)	cle	20 E	00.1			081	1/28/			8/0		D O	in us		1/3					
Project #:					t Na	me:								8015)	3 Se	(55	s (4		6	A 8				827		109	cle		d					
Project Location:	4.7	0 Park St	reet, Ala	meda	R.									8020 +	silic	ease	pon		802	SEF	added			25 /		PA	1 ge	15						
Sampler Signatur	e: //(01			_	_				_				02/80	W/	G	оса	81	302	cide	an	0		9 V		by E	silica	1/80	55	>				
		SAMP	LING	560	ers		MA	TR	IX	P	ME			Gas (602	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	Pesticides by EPA 8081	BTEX ONLY (EPA 602 / 8020)	Organo-chlorine pesticides EPA 8081	PCBs EPA 608 / 8080	VOCs EPA 624 / 8260		PAH's / PNA's by EPA 625 / 8270 / 8310		Arsenic, copper, lead by EPA 6010 (TTLC)	TPH-d by 8015 with silica gel clean up	MBTEX by EPA 8021/8015	M					
SAMPLE ID				# Containers	Containers					Τ				88	sel (emm	cmm	y El	.X.	·Ř	809	624	EPA 625 / 8270	A's	CAM-17 Metals	oper	015	H	Ponge			- 1		
(Field Point Name)	LOCATION	D .	mit	tai	Con	L			ο.					BTEX & TPH	Die	etro	etrol	esp	NO	흥	PA	SPA.	5/8	NA/	7 M	co,	by 8	X by	2					
	-100	Date	Time	000	Type	Water	=	_ '	Sludge	EL.	. 5	HNO,	Other	EX &	H as	al P	al P	ticic	EX	gamo	Bs E	S	A 62	H's	M-I	cnic	PH	STE	4					
	erosting	,		#	Ę,	*	Soil	Air	2 5	5	HC	E	ŏ	B	F	Tol	Tol	Pes	BT	0	8	VO	E	PA	CA	Ars	TP	ME	MU					
AEI-1-4'	Lift(Februs)	7/25/11	8:50A	1	A		X			1																								
AEI-1-7'		1	8:55A	1	1																													
AEI-1-8'			8:54A		e					T																								
AEI-1-10'			9:05A		+																													
AEI-1-12'			A:00A		9																													
AET-2-5'			9:20A		1		1																											
ACI-2-7,5'			9:3019		2																													
AFI-2-10'			10:00A		1																													
AFI-2-131	d		9:5014																															
AEI-3-4	Liff (former)		10:15A																															
AGI-3-7"			10:17/4																										8					
AET-3-8'			10:20A																															
AET-3-10'	1/	1	10:55A																	(X)													
AFT-3-12'	V	A	10:501	2	W				-			1								1														
Relinquished By:	/	Date: /	Time:	Rec	lived E	y:/	/			2			80				28	7			M	1								1		1	11	
1/17	7	2/50/11	100	1	11	6	6	_						,	CE/	, F) -	+					n	DE	SER	VA	TIC		OAS	0.8	kС	MI	ETALS	OTHER
Resinquished By:	1	Date:	Time:	Rece	eived E	Ny:	-		1						GOO		ON	DIT	ION	1					ROF							_		
Derk Can	1	7/27	1540	1	20	d at						1	HEA	DS	PAC	E A	BSI	ENT				ON	TAI	NE	RS									
Relinquished By:		Date:	Time:	Regi	eved E	y:			-					Γ'	DEC	HL	JRI	NA.	ED	IN	LA			PE	RSE	.KV	ED	IIN .	LAB			-		





McCampbell Analytical, Inc.

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

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

WorkOrder: 1107771 A ClientCode: AEL HardCopy ☐ WriteOn □ EDF □ Excel ☐ Fax ✓ Email ☐ ThirdParty ☐ J-flag Report to: Bill to: Requested TAT: 5 days Adrian Angel Email: aangel@aeiconsultants.com Sara Guerin Date Received: 07/27/2011 **AEI Consultants AEI Consultants** cc: Date Add-On: 07/28/2011 PO: 2500 Camino Diablo, Ste. #200 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597 ProjectNo: 1600-1630 Park Street Alameda Walnut Creek, CA 94597 Date Printed: 07/29/2011 (925) 746-6000 FAX: (925) 746-6099 sguerin@aeiconsultants.com

								Re	questec	d Tests	(See leg	end bel	ow)			
Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
1107771-011	AEI-3-7'	Soil	7/25/2011 10:18			Α	Α									
1107771-013	AEI-3-10'	Soil	7/25/2011 10:55		Α											
1107771-017	AEI-4-7'	Soil	7/25/2011 11:30			Α	Α									
1107771-019	AEI-4-10'	Soil	7/25/2011 11:55		Α											
1107771-028	AEI-6-7'	Soil	7/25/2011			Α	Α									
1107771-029	AEI-6-10'	Soil	7/25/2011 13:40		Α											
1107771-033	AEI-7-7'	Soil	7/25/2011 14:20			Α	Α									
1107771-034	AEI-7-11'	Soil	7/25/2011 14:10		Α											
1107771-037	AEI-8-7'	Soil	7/25/2011 14:25			Α	Α									
1107771-039	AEI-8-11'	Soil	7/25/2011 15:10		Α											

Test Legend:

11

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

Prepared by: Zoraida Cortez

Comments: Multi Range w/SG and PCb addd 7/28/11 per email

> NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.

AEI Consultants

Client Project ID: #298931; 16001630 Park Street Alameda

Date Sampled: 07/25/11

Date Received: 07/27/11

Client Contact: Adrian Angel

Date Extracted: 07/28/11-07/29/11

Walnut Creek, CA 94597

Client P.O.: #WC083212

Date Analyzed: 07/28/11-07/30/11

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1107771

Extraction Method: SW3550B	An	alytical Method: SW 808.	2		work Order:	110///1
Lab ID	1107771-013A	1107771-019A	1107771-029A	1107771-034A		
Client ID	AEI-3-10'	AEI-4-10'	AEI-6-10'	AEI-7-11'	Reporting DF	
Matrix	S	S	S	S		
DF	20	5	1	10	S	W
Compound		Conce	entration		mg/kg	ug/L
Aroclor1016	ND<1.0	ND<0.25	ND	ND<0.50	0.05	NA
Aroclor1221	ND<1.0	ND<0.25	ND	ND<0.50	0.05	NA
Aroclor1232	ND<1.0	ND<0.25	ND	ND<0.50	0.05	NA
Aroclor1242	ND<1.0	ND<0.25	ND	ND<0.50	0.05	NA
Aroclor1248	ND<1.0	ND<0.25	ND	ND<0.50	0.05	NA
Aroclor1254	ND<1.0	ND<0.25	ND	ND<0.50	0.05	NA
Aroclor1260	ND<1.0	ND<0.25	ND	ND<0.50	0.05	NA
PCBs, total	ND<1.0	ND<0.25	ND	ND<0.50	0.05	NA
	Surre	ogate Recoveries	(%)			
%SS:	100	102	98	100		
Comments	a3,h4	a3,h4		a3,h4		

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



ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

[#] surrogate diluted out of range or surrogate coelutes with another peak.

a3) sample diluted due to high organic content.

h4) sulfuric acid permanganate (EPA 3665) cleanup

"When Quality	Counts"			reiephone	. 677-232-9202 Tax. 923	-232-9209	
AEI Consultants		roject ID:			Date Sampled:	07/25/11	
2500 Camino Diablo, Ste. #200	1630 Pai	k Street Al	ameda	l	Date Received:	07/27/11	
2000 0000000000000000000000000000000000	Client Co	ontact: Ad	rian A	ngel	Date Extracted:	07/28/11-0	07/29/11
Walnut Creek, CA 94597	Client P.	O.: #WC08	83212		07/28/11-0	07/30/11	
Pol Extraction Method: SW3550B	ychlorinated Bip	phenyls (Po		-	Work Order: 1107771		
Lab ID	1107771-039A						
Client ID	AEI-8-11'					Reporting DF	Limit for =1
Matrix	S						
DF	1					S	W
Compound			Conce	entration		mg/kg	ug/L
Aroclor1016	ND					0.05	NA
Aroclor1221	ND					0.05	NA
Aroclor1232	ND					0.05	NA
Aroclor1242	ND					0.05	NA
Aroclor1248	ND					0.05	NA
Aroclor1254	ND					0.05	NA

Comments	·	-	_	·

Surrogate Recoveries (%)

ND

ND

90

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples

surrogate diluted out of range or surrogate coelutes with another peak.

a3) sample diluted due to high organic content.

Aroclor1260

PCBs, total

%SS:

h4) sulfuric acid permanganate (EPA 3665) cleanup

and all TCLP & SPLP extracts are reported in mg/L.



0.05

0.05

NA

NA

McCampbell Analytical,	Inc
"When Quality Counts"	

AEI Consultants	Client Project ID: 1600-1630 Park	Date Sampled: 07/25/11
2500 Camino Diablo, Ste. #200	Street Alameda	Date Received: 07/27/11
	Client Contact: Adrian Angel	Date Extracted 07/28/11
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed 07/29/11-08/02/11

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

Analytical methods: SW8015Bm Extraction method: SW5030B Work Order: 1107771 TPH(g) Client ID Matrix DF Lab ID % SS Comments 011A AEI-3-7' S 1200 200 d2,d9 017A AEI-4-7' S 5100 1000 d2,d9 028A AEI-6-7' S 470 100 77 d7 S 100 d7 033A AEI-7-7' 20 90 S 037A AEI-8-7' ND 1 85 Reporting Limit for DF =1; W NA NA ND means not detected at or S 1.0 mg/Kgabove the reporting limit

st water and vapor samples are reported in $\mu \mathrm{g/L}$	ر, soil/sludge/solid samples in mg/kg,	wipe samples in μg/wipe,	product/oil/non-aqueous	liquid samples
and all TCLP & SPLP extracts in mg/L.				

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

d2) heavier gasoline range compounds are significant (aged gasoline?)

d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram

d9) no recognizable pattern

Angela Rydelius, Lab Manager



	Client Project ID: #298931; 1600-1630	Date Sampled:	07/25/11
2500 Camino Diablo, Ste. #200	Park Street Alameda	Date Received:	07/27/11
	Client Contact: Adrian Angel	Date Extracted:	07/28/11
Walnut Creek, CA 94597	Client P.O.: #WC083212	Date Analyzed:	07/30/11-08/03/11

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: S	W3550B/3630C	Analytical	methods: SW8015B	•	Work Order: 1107771		
Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1107771-011A	AEI-3-7'	S	1700	4000	100	#	e7,e2,e11
1107771-017A	AEI-4-7'	S	2100	710	20	110	e4,e7,e2
1107771-028A	AEI-6-7'	S	10,000	24,000	500	#	e7,e2
1107771-033A	AEI-7-7'	S	6300	14,000	200	#	e7,e2
1107771-037A	AEI-8-7'	S	720	2900	20	91	e7,e2

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

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

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

Angela Rydelius, Lab Manager

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

[%]SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

e2) diesel range compounds are significant; no recognizable pattern

e4) gasoline range compounds are significant.

e7) oil range compounds are significant

e11) stoddard solvent/mineral spirit (?)

QC SUMMARY REPORT FOR SW8082

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 60026 WorkOrder: 1107771

EPA Method: SW8082 Extraction: SW3550B									piked Sam	ple ID:	1107754-0	15A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
, may co	mg/kg	mg/kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Aroclor1260	ND	0.15	125	125	0	120	120	0	70 - 130	20	70 - 130	20
%SS:	88	0.050	88	87	1.34	94	94	0	70 - 130	20	70 - 130	20

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

BATCH 60026 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107771-013A	07/25/11 10:55 AM	07/29/11	07/30/11 5:23 AM	1107771-019A	07/25/11 11:55 AM	07/28/11	07/29/11 2:30 AM
1107771-029A	07/25/11 1:40 PM	07/28/11	07/29/11 12:37 AM	1107771-034A	07/25/11 2:10 PM	07/28/11	07/29/11 3:26 AM
1107771-039A	07/25/11 3:10 PM	07/28/11	07/28/11 11:40 PM				

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

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

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

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

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

surrogate diluted out of range or surrogate coelutes with another peak.

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 60049 WorkOrder: 1107771

EPA Method: SW8021B/8015Bm	Extrac	tion: SW	5030B					S	piked Sam	ple ID:	1107771-0	185A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
Analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) [£]	ND	0.60	87.1	91.8	5.34	86.5	89.9	3.80	70 - 130	20	70 - 130	20
MTBE	ND	0.10	106	117	10.3	103	106	3.56	70 - 130	20	70 - 130	20
Benzene	ND	0.10	103	102	0.463	102	99.1	3.16	70 - 130	20	70 - 130	20
Toluene	ND	0.10	90.2	90	0.229	88.9	86.5	2.70	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	91.6	91.5	0.116	89.2	87.7	1.73	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	104	104	0	101	99.8	1.17	70 - 130	20	70 - 130	20
%SS:	92	0.10	100	103	3.66	101	93	7.75	70 - 130	20	70 - 130	20

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

BATCH 60049 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107771-011A	07/25/11 10:18 AM	07/28/11	07/29/11 12:51 PM	1107771-017A	07/25/11 11:30 AM	07/28/11	07/29/11 12:20 PM
1107771-028A	07/25/11	07/28/11	07/29/11 2:22 PM	1107771-033A	07/25/11 2:20 PM	07/28/11	08/02/11 1:33 AM
1107771-037A	07/25/11 2:25 PM	07/28/11	08/01/11 11:34 PM				

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

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

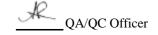
MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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



QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 60064 WorkOrder: 1107771

EPA Method: SW8015B Extraction: SW3550B/3630C								S	piked Sam	ple ID:	1107771-0	37A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
Analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	720	40	NR	NR	NR	109	112	2.22	70 - 130	30	70 - 130	30
%SS:	91	25	72	86	18.0	98	98	0	70 - 130	30	70 - 130	30

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

BATCH 60064 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107771-011A	07/25/11 10:18 AM	07/28/11	08/03/11 9:18 PM	1107771-017A	07/25/11 11:30 AM	07/28/11	08/02/11 7:36 PM
1107771-028A	07/25/11	07/28/11	08/02/11 1:52 AM	1107771-033A	07/25/11 2:20 PM	07/28/11	08/03/11 2:02 PM
1107771-037A	07/25/11 2:25 PM	07/28/11	07/30/11 1:42 AM				

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

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

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

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

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

QA/QC Officer

Analytical Report

AEI Consultants	Client Project ID: #298931; 1600-1630 Park Street Alameda	Date Sampled:	07/26/11
2500 Camino Diablo, Ste. #200	Alaneua	Date Received:	07/27/11
2500 Camino Biacio, Stel. #200	Client Contact: Adrian Angel	Date Reported:	08/04/11
Walnut Creek, CA 94597	Client P.O.: #WC083212	Date Completed:	08/04/11

WorkOrder: 1107771 B

August 08, 2011

Dear Adrian:

Enclosed within are:

- 1) The results of the 6 analyzed samples from your project: #298931; 1600-1630 Park Street Alameda,
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

1107771

Telephor	McCAMPBELL ANALYTICAL INC. 1534 Willow Pass Road Pittsburg, CA 94565 Telephone: (925) 798-1620 Fax: (925) 798-1622 ort To: Adrian Angel Bill To: Same_										UR FR			OU	JNI	r d		Œ	,		JSH		24 E	IR	F Re	8 H	R	72	U HIR	5 D.	K AY				
Depart To. Advis	n Angel		D	11 Te	. 50	ma.c		_	_	_	_		+			-4-				_	s R	_/		_		CIII	an	r D	_	Oth	_	LEG	Com	mant	
Company: AEI C					: Sa		-							11.				1	Alla	ilysi	5 1	equ	est									-	Com	пени	5
The second secon	Camino Dia	blo Suite		100	Syon	OHO							-18	X	i	&F.													te		天				
	at Creek, C			Mai	l: aaı	ngel/	maeic	onei	ltan	te cc	202		1	2	dn	EF/B								2		9			5	9100	+		5		- 1
Tel: (408) 559-76		1 74071			408)	-	*	-	artear	10.00	7111			7	lean) E8	9			100				/83		E	9		108	3	E-toH+P50		3	3	
Project #:	00				t Nar		700.							8015)	gel cleanup	552((418		_	A 8081				270	1	010	Sean		pun	1	-	•	Loanup	-	
Project Location:	1600 - 163	0 Park St											7	+ 00	lica	ase (ons		8020)	EP/				5/8	- 1	PA 6	gel	8	50	7	TBA		2	+	
Sampler Signatur	10.73	1												2/8020	w/ silica	5	cart		602/8	ides				A 62		y E	llica	/801	20	5	W.	+	-	2	
		SAMP	LING		ers	MATRIX METHOD PRESERVED				ias (60.	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	Pesticides by EPA 8081	EPA 60	Organo-chlorine pesticides EPA	8080	8260		PAH's / PNA's by EPA 625 / 8270 / 8310		Arsenic, copper, lead by EPA 6010 (TTLC)	TPH-d by 8015 with silica gel clean up	MBTEX by EPA 8021/8015	multianse (Me	POIDE		20	5					
SAMPLE ID				ner	tain	П		Т					П.	as l	sel (cmm	enm	y EF	Y.	inic	809	624	270	A's	etals	oper,	015	EP/	fica	5	100		3	0	- 1
(Field Point Name)	LOCATION	Date	Time	Containers	Containers	-		9				100		BTEX & TPH	S Die	etro	etro	des b	BTEX ONLY (EPA	-chlo	PCBs EPA 608 /	VOCs EPA 624	EPA 625 / 8270	N PN	CAM-17 Metals	c, col	by 8	X by	MM	E	in	~	= 4	5	
		Date	Time	Co	Type	Water	Soil	Sludge	Other	Ice	HCI	HNO3	Otther	Ă	РНа	otal	otal l	stici	TEX	rgam	CBs	000	PA 6	AH's	AM-	rseni	P-H-d	BTE	古	5	TAIME	20	7		
		11		#	F	2	00 <	00	0	ř	H	= 0	9	B	F	-	F	ď.	B	0	P	>	Ш	Д	0	<	H	Σ	F	7	F	7	*		
HEI-13-31	Dain :	7/26/11	8:00A		A		X			X												X							X	X					
AET-13-51		11	8:05A	1	C																														
AET-13-81	V		8:02A		4																														
AFT-14-41	Bushy VSTS		10:45A		+					П																									
AFT-14-7'	1		11:00A		6								-	1				T													X	X			
AEI-14-10'			11: (OA		3			†		Ħ			1	1																1					
ATT- N-12'			11:05A		1			\top		I			1	T	1			T																	
ALT-14-151			11:15A	1	C					Ħ			†																						
AEE-15-41			11:30A							Ħ			†	T	1	7																			
AFT-15-21			11:35A					\top		\Box				V																	X	X			
AFT-15-10'			11:55A				1	T		\Box			7	1		7																			
AET-15-12"			11:481					T		П			1	T																					
AEI-15-15	N	0/	12:00	0	1			T		1	,																								
	WO fund	V	12:509	V	V		3	T		V			T																						
Relinquished By:	/ 10.112	Date:	Time:		ived B	By:	1	1					- 1	ad	ded	8	12/	11	Sd	al	1	-								-					
11.1		2/24/11	1:00		1	26	h	0	1	-					CE/ť	-					1		77	DE	cer	87.4	TIL		OAS	O	&G	M	ETALS	OTF	HER
Refinquished By:	1	Date:	Time:	Rece	ived B	By:	_	-	,						OO			DIT	IOI	N					SER ROI			_							-
Sink lai	-	7/27	1540	9	1~	1	0	4	1					H	EAI	SI	PAC	E A	BS	ENT				CON	TA	NE	RS								
Relinquished By:		Date:	Time:	Rec	Wed B	By:		1					1	D	ECI	IL(DRI	NA'	ED	IN	LA	В		PE	RSI	ERV	ED	IN	LAB	_					

	McCAN				ICA	LI	NC.						Τ									C	US	TO	D	Y F	RE(CO	RD)		~
			Villow Pass burg, CA 9										1	TU	RN	AF	SOI	UNI	D T	IM	Œ					3				Ę	_	-0
Telepho	ne: (925) 79				F	ax:	(925	79	8-16	22			-	TOTAL	D.		. 10	_		17	_	_	RUS		24 I			8 HR		72	HR	5 DAY
													E	DF	Re	quir			7		_	_	No	Er	nail	PD	F Re	port	Y	ES)	
Report To: Adri					: Sa								_	_	_			Ana	lysi	s R	eque	st		_	_			Othe	er	(Comn	nents
Company: AEI (#: W	C082	800							4		0								5	>								
	Camino Dia												4	0	5520 E&F/B&F)								BOL B	0			6			2	1	
	ut Creek, C	A 94597			l: aar		-		ıltan	ts.cc	m		-	gel cleanup	E&F	0					+	021/	5	E	Br.		08	0			cano	
Tel: (408) 559-76	00				(408)		-760	1					8015)	lo lo	520	118.			808		10	00	2	01	San L		1	B			2)
Project #:	1600 163	0 D l . C		-	t Nar	ne:							- 8	Ca Ba	-	ns (4		8020)	PA		+643+	60	ZO /	99	cl cle		24	7			3	MO
Project Location:	- 19	O Park S	reet, Ala	amed	A	_		-					3020	silica	Grease	arbo		/ 80	es		*	303	6	EP/	60	015	P	4	7	+	3	-
Sampler Signatur	e. //	/		Т					_	N	ETH	IOD	- 602/3	W (S	4.5		081	602/	Organo-chlorine pesticides EPA 8081	08	99	DAU's / DMA's to UDA 626 / 6270 / 6210	4-Dioxine by	Arsenic, copper, lead by EPA 6010 (TTLC)	TPH-d by 8015 with silica gel clean up	EPA 8021/8015	5	40	30	0	E	0
		SAMP	LING	90	Containers		MA'	FRE	Κ.		ESEI			TPH as Diesel (8015)	Total Petroleum Oil &	H	Pesticides by EPA 8081	BTEX ONLY (EPA	e pe	/ 80	VOCs EPA 624 8260	1	6	- <u>s</u>	with	A 80	range	Z.	33	00	50	7
SAMPLE ID				Containers	1 1								89	sel	eum	leum	y El	7	orine	809	624	077V		pper	0115		12	Si	X	7	2 -	2
(Field Point Name)	LOCATION	Date	Time	ıtai		1		9				100	Other BTEX & TPH	D	etro	etro	des t	ONI	ch	PCBs EPA	EPA	VG / 5,		00,00	by 8	MBTEX by	f/hu	1-1	7	0	~ .	-
		Date	Time	S	Type	Water	Soil	Sludge	Other		HCI	HNO3	BTEX &	Has	tal P	tal P	sticie	EX	gamo	Bs	ő	A O		senik	PH	3TE		70	000	2	26	5
				非	E	*	So	Sluc	0	Ice	Ħ		5 8	E	10	To	Pe	BT	ō	PC	>	DALL	5 0	An	F	Σ	起	7	5)	1	7	
AEI-16-7!	Wotank	7/24/11	1:008		A		X	I		X			I		×					X	X	<	×				X	X		T		
AET-16-10'			1:059		C					1																						
HET-16-12			MOL		9																											
AET-16-151	0		1:157		+																								-			
AET-17-41	01/60		2:10		9																											
AET-17-7'	Arex		2:20		+		П			П				Т															-			
AET-17-8'			2.259		6	-0	*								T												X		XX	1		
AET-17-12'			2:30												T					T									1			
AET-17-15'			-				1			П					T							T						1.0		†		
AFT-12-4"			3:108		\sqcap			1		П												T		T					\top	\top		
AET-18-8'			4:068							П												T					X		2>	1		
AFT-18-12			3:581							П		Т										\top		T				1	1	1		
AFT-18- 15		1	4:000				1													1		+								1		
Aet-19-4'	V	(V	4:108		1		V			A					T				1	7		+		+					+	+		
Relinquished/By:	1	Date:	Time:	Rec	eived B	y: ,	/	-				_	+																	_		
100	/	7/29/11	1401		12	Like	-6	on	2	-				ICI	C/to	55	f					per	mer	nx	- mar		OAS	0&0	G	ME	TALS	OTHER
Relinquished By:	1	Date:	Time:	Rec	eived B	d By:						_	CON	DIT	TION	N				PRO			_									
1 Knh an	1	1/27/1	1540	1	d		C	4						HE	AD	SPA	CE A	ABSI	ENT			CC	NTA	AINE	CRS							
Relinquished By:		Date:	Time:	Roe	rived B	y:		V			DECHLORINATED IN LAB PERSERVED IN LAB																					
				1																												

McCAN	MPBELI			ICA	LI	NC.						Γ				(СН	AI	N	OF	C	US	TO	D	Y F	REC	CO1	RD		~^
		Villow Pass ourg, CA 94										1	UF	NS	AR	JO	JNI	T	IM	E					1					
Telephone: (925) 79				F	ax:	(925	79	8-16	22			_				10		_		_		RUS	_	24 1			8 HR	-	72 HR	5 DAY
												E	DF I	Req	uire	d?	ι,	1,	Yes			No	En	nail	PDI	F Re	port	Y	ES)	
Report To: Adrian Angel				: Sa												-	Ana	lysi	s Re	que	st					(Othe	1	Com	ments
Company: AEI Consultants		PO #	#: <i>XM</i> 3	0082	800	1						20		(H				Т				Т	Т					3	3 -	-
2500 Camino Dia												100	0	B&									0			10		4	3 03	S.K.
Walnut Creek, C	A 94597			l: aaı	_	_		ultan	ts.co	m		8015)+MTBE	silica gel cleanup	3&F	_						2310		lead by EPA 6010 (TTLC)	d		108		NO OLD FAUTOR		M day
Tel: (408) 559-7600				408)		-760	1		-			15,	cle	20 1	18.1			080			870	5	0	an n			-	1	camp	2
Project #:			_	t Nar	ne:							80	99	e (55	18 (4		8020)	PA 8			837	-	109	lcle		d Wo		2	8	
Project Location: 1600 - 163	30 Park St	reet, Ala	meda	1								8020	silic	eas	rbor		800	SS			503	-	EPA	a ge	115	0		F	3	7
Sampler Signature:	-			_	_	_	_	_		WINTER B	OD		/w (5	roca	180	602	icide	0	9	DA A	0	3	silic	8021/8015	3	7	0	10	2
	SAMP	LING	800	Type Containers	1	MA	FRE	X		ETH	VED	Gas (602	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	Pesticides by EPA 8081	BTEX ONLY (EPA 602 /	Organo-chlorine pesticides EPA 8081	PCBs EPA 608 / 8080	VOCs EPA 624 / 8260	DAH's / DNA's by EPA 625 / 8270 / 8310			with silica gel clean up	A 802	ample	202	0	0	5
SAMPLE ID LOGUERON			ner	tain								8	sel (emm	enm	y E	X (orine	809	624	A 30	State	copper,	015	EPA	2	3	0 4	20	_
(Field Point Name) LOCATION	100000000000000000000000000000000000000	701	Containers	000	L		Q.					BTEX & TPH	Die	etro	etro	les b	NO	chl	PA	VOCS EPA 624	Na/			TPH-d by 8015	X by	3	1	1	5	5
	Date	Time	Col	be d	Water	=	Air	Other	4	5 5	Other Other	EX.	H as	tal P	tal P	ticio	EX	gano	Bs	2 3	H of	1	Arsenic,	PH	MBTEX	3	8	2 4	-	<
			#	Ę	3	Soil	Sline	ō	Ice	HC	Ö	BT	F	To	To	Pes	BT	5	2	> 8	D Vd	B	Ans	T	ME	4	21	TOM	2	0
AEI-19-8' Dill 645	7/2011	4:158	1	Ace		X			V																	X	X	7	115	
8+1-19-12' Arch	1100	4:208		1/2		1																+						1		
DET-19-15'	11/	4:458	(/			1												+					+				+	+	+	
Att /-In/	a ladii	9:154	¢	WA	N	Ψ.		+									_	+		+	+	+	+	\vdash		V	+	+	_	
AET-2-N	71011	10:10A	=	t	1			100									1		-	+	+	+	-	-		>	+	+	1	
Met 2011		11:004	5	1	Н						-					+		+		+	+	+				7	+	+	+	
ATT (1-W)		12-100	5		Н		+	+		-	+					+		+	+	+	+	+	+	-		X	_	+	+	
MET-G-10		117:0	>	+	+	1	+	+		-	+	\vdash	-			+	+	+		+	+	+	+			1	_	+	-	
HEL-S-V		1:36P	5	+	Н		+	-		+	+	-	-			+	-	+	-	+	-	+	+	-		X	-	+	-	
MEI-6-W		8:151	3	+	Н	-	+	+		-	-	-		_		-	-	+	-	+	+	+	+	-			+	+	+	
HED-+-W		110+	5	\vdash	Н		+	-		-						+	-	-	-	+	+	+	+	-		X	-	+	-	
MEI-8-M		3:308	5	1			_				_	-				-		-			+	-				X	_	_	+	
AET-9-W	,V,	1.50	5						1																	X,				
AEI-10-W	7/26/1	In . mi	5	٨					1																	X				
17+EI-14-W	ii Ci	11:301	4	W	a				A			X										\geq						X		
Relinquished By:	Date:	Time:	Rece	ived B		1	-									,											1	-		
11/1/	13/27/1	1:000		1)1	wh	- (a	e	_] ,	ICE	40 C	5.0	-					pp	FCF	DW	TIE		OAS	0&0	3	METALS	OTHER
Relinquished By	Date:	Time:	Rece	ived B	v:		,	,							CON	DIT	ION					PRO			_		_	_		
Duklas	7/27	1540	h	0		0	0						HEA	DS	PAC	EA	BSE	NT			CO	NT	AINE	ERS						
Relinquished By:	Date:	Time:	Rece	eived B	ty:		1						DEC	HL	ORI	NAT	ED	IN	LAB		_ 1	ERS	SER	VED	IN	LAB		_		
			0.50				87					1																		

McC	McCAMPBELL ANALYTICAL INC. 1534 Willow Pass Road																		7 (U	ST	OI	Y	RF	EC	OR	D	200	-	~		
\$20000 No. 00700000		burg, CA 945										T	UR	N	AR	JO	JNI	T	IN	IE		[7				[]			J	1
Telephone: (925)	798-1620			F	ax: (9	25)	798-	1622	2			FI	DE E	200	uire	d2		3 '	Yes	\p	1	RU No	_		4 HF		-	HR		2-HR	5 L	DAY
		W. 11	1.75	-					_	_	_	151) I I	хсч		~	_	_			4	110		Ems	III P	DF I	_	orte				
Report To: Adrian Angel	100		l To:								-					B	Ana	lysi	s R	eque	est	_	-		-	+	0	ther		Com	men	ts
Company: AEI Consultar			: NVGU	1040	500						-	W		&F)												*		-	18	2		
2500 Camino l Walnut Creek			Mail:	000	nal@	alaa	n la	anta.	0000		-	176	dn	F/B		ie r						0		0		F	0	Por	4	2		
Tel: (408) 559-7600	, CA 94397		x: (40		-		nsuit	ants.	com			40	leam	E&	9	B		12		-		831		E	di	101	200	3	E	SANY		
Project #:			oject l	_		001						8015)+MTB	silica gel cleanup	5520	418	6		808		HO		270/		010	Can	1	9	1351	Etal TP	2		
Project Location: 1600 -	1630 Park S		and the same of th	van	EC.								ica	se (suo	7	8020)	EPA	Ì	th		00/	١,	A 60	gel c		1,00	0	2	2		
Sampler Signature:	1. /		ac au									/802	v/ sil	Grease (5520 E&F/B&F)	carb	at 1,4-Dioxane by	2 / 8	ides		F		1 62	उ	y EP	ica g	100	200	2	18	27		
	SAMI	PLING		L'S	М	ATF	RIX			ТНО		Gas (602/8020 +	15) v	Total Petroleum Oil &	Total Petroleum Hydrocarbons (418.1)	¥	BTEX ONLY (EPA 602 /	Organo-chlorine pesticides EPA 8081	080	8260		PAH's / PNA's by EPA 625 / 8270 / 8310	as Lead	Arsenic, copper, lead by EPA 6010 (TTLC)	TPH-d by 8015 with silica gel clean up	- Anen / 0	36	700	PER	73 0	2	
			S. I.S	Type Containers		T		+	RES	ERV	ED	us Ga	TPH as Diesel (8015)	m	Im F	1	(EF	ine p	8/8	VOCs EPA 624 (8260	8270	's by	SIL	er, l	IS W	5 P	and ?	12	-	5	-	
SAMPLE ID (Field Point Name) LOCATE	ON		Containers	ont			100					IPH	Diese	prole	nole	1	NE S	chlor	PCBs EPA 608	PA 6	/ 82	PNA		copi	y 80	2 +	54	UL	ETBE	~	9	
(Fleid Foint Name)	Date	Time	ont	o e	Water		Sludge	Jer	-	. 0	ner	втех & трн	as	d Per	I Per	1	0 X	ano-	S EF	Cs El	625/	Ls/	ì	smic,	q P-l	MBIEN MILIMA	三丁	24			5	
			#	Ţ	Wat	Air	Slu	Other	HC	HNO3	Other	BTE	TPE	Tota	Tota	I	BTE	Org	PCE	Š I	EPA	PAF		Arsk	TPH AN	M TO	= =	3	TAME	7	9	
ALT-15-W	7/26/11	1:48	5 4	5	X			1				X											X			†	\top		X	~		
AFT-16-W	1100	-	7 1	物	6			ľ							X	X			X	X	X					X		X				
AFT-12-W		3:008	4 4	班				-11										ľ	1		1	\top				X	X	1				
AET 18-12	1		41	1				-11													1					15	XX	/				
Art 101 10	1 (1)	2.4	-		V	+		0										+			+	+			+	K	15	7				
VIET-IN-	- V	9:10	V1 10	_	V	+		-	+	+					-	-	+	+		+	+	+				1	1	1				
			\rightarrow	-		+		+	+			-				-		+	-	+	+	+	-	+	+	+	+	+	-			
		-	-	-	-	+		+	+	+					-	-	-	-		+	+	+	-	-	-	+	+	+-	-			
			\rightarrow	_	-			+	-	-					-	-	-	4	-	-	-	-	-	-	+	+	+	-				
			_	_		1		4	_	_						_	_	4			_	4			_	\perp		-				
								\top																								
			\neg					+										7			+	\top			+	+						
Relinquished By:	Date:	Time:	Receive	ed By	y: /	^		_	-			_				,	_				_						_					
11/1	7/27/10	1:008	V	Du	h 1	n			_			- 7		5	-												s	O&G	N	TETALS	ОТ	HER
Relinquished By:	Date:		Receive	ed By	y'n -	-	0						CE/	-	CON	DIT	ION							VAT		_						
Duli Cart	7/27	1546	h	1	(1	T								PAC					200				NER			0					
Relinquished By:	Date:	Time:	Receive	ed By	y:		7								ORI					3		PE	RSE	ERVI	ED II	N LA	AB_		_			
			100																													

McCampbell Analytical, Inc.

CHAIN-OF-CUSTODY RECORD

✓ Email

HardCopy

Page 1 of 1

☐ J-flag

☐ ThirdParty

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

Report to:

WorkOrder: 1107771 B ClientCode: AEL

□ Excel

∏Fax Bill to: Requested TAT: 5 days

Adrian Angel Email: aangel@aeiconsultants.com Sara Guerin Date Received: 07/27/2011 **AEI Consultants AEI Consultants** cc: Date Add-On: 08/02/2011 2500 Camino Diablo, Ste. #200 PO: #WC083212 2500 Camino Diablo, Ste. #200

Walnut Creek, CA 94597 ProjectNo: #298931; 1600-1630 Park Street Alameda Walnut Creek, CA 94597 Date Printed: 08/03/2011

(925) 283-6000 FAX: (925) 944-2895 squerin@aeiconsultants.com

□ EDF

								Re	quested	Tests (See lege	end belo	ow)			
Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
1107771-061	AEI-14-7'	Soil	7/26/2011 11:00										Α		Α	
1107771-066	AEI-15-7'	Soil	7/26/2011 11:35										Α		Α	
1107771-071	AEI-16-7'	Soil	7/26/2011 13:00		Α			Α	Α		Α					
1107771-098	AEI-14-W	Water	7/26/2011 11:30											В		С
1107771-099	AEI-15-W	Water	7/26/2011 13:40											В		С
1107771-100	AEI-16-W	Water	7/26/2011			Α	D			Е		F				

Test Legend:

1	1,4-DIOXANE_S	2	1,4-DIOXANE_W	3	418_SG_W	4	5520E_SG_S	5	8082A_PCB_S
6	8082A_PCB_W	7	8270D_S	8	8270D_W	9	9-OXYS_S	10	9-OXYS_W
11	PB_S	12	PBMS_W						

Prepared by: Zoraida Cortez

Comments: Multi Range w/SG and PCb addd 7/28/11 per email. Additional addons 8/2/11 5d.

☐ WriteOn

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc. "When Quality Counts"

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

AEI Consultants	Client Project ID: #298931; 1600-	Date Sampled: 07/26/11
2500 Camino Diablo, Ste. #200	1630 Park Street Alameda	Date Received: 07/27/11
	Client Contact: Adrian Angel	Date Extracted 08/03/11-08/04/11
Walnut Creek, CA 94597	Client P.O.: #WC083212	Date Analyzed 08/04/11

1,4-Dioxane by P&T and GC/MS SIM Mode*

Extraction method: SW5030B Analytical methods: SW8260B Work Order: 1107771

Extraction method:	D W JUJUD	Anaiyuca	ii metnous: SW8200B	W	ork Order:	110///1
Lab ID	Client ID	Matrix	1,4-Dioxane	DF	% SS	Comments
071A	AEI-16-7'	S	ND	1	94	
100A	AEI-16-W	W	ND	1	96	b1
R NI	eporting Limit for DF =1; D means not detected at or	W	2.0		μg/L	
;	above the reporting limit	S	0.02		mg/kg	5

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

Angela Rydelius, Lab Manager

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis. %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor.

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

b1) aqueous sample that contains greater than ~1 vol. % sediment

AEI Consultants	Client Project ID: #298931; 1600-	Date Sampled: 07/26/11
2500 Camino Diablo, Ste. #200	1630 Park Street Alameda	Date Received: 07/27/11
2000 0000000000000000000000000000000000	Client Contact: Adrian Angel	Date Extracted 08/03/11
Walnut Creek, CA 94597	Client P.O.: #WC083212	Date Analyzed 08/08/11

Total Extraction method: E418			with Silica Gel Clean-Up nethods: E418.1		metry* Work Order	: 1107771
Lab ID	Client ID	Matrix	TRPH	DF	% SS	Comments
1107771-100D	AEI-16-W	W	ND	1	106	b1

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

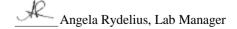
^{*} water samples and all TCLP & SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in mg/wipe, product/oil/non-aqueous liquid samples in mg/L.

DF = dilution factor (may be raised to dilute target analyte or matrix interference).

%SS = Percent Recovery of Surrogate Standard

surrogate diluted out of range or not applicable to this sample.

b1) aqueous sample that contains greater than ~1 vol. % sediment



McCampbell Analytical, Inc. "When Quality Counts"

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

AEI Consultants	Client Project ID: #298931; 1600-	Date Sampled: 07/26/11
2500 Camino Diablo, Ste. #200	1630 Park Street Alameda	Date Received: 07/27/11
	Client Contact: Adrian Angel	Date Extracted 08/03/11
Walnut Creek, CA 94597	Client P.O.: #WC083212	Date Analyzed 08/05/11

Petroleum Oil & Grease with Silica Gel Clean-Up*

Extraction method: SM552	E/F Analytical methods: SM5520E/F				Work Order: 1107771			
Lab ID	Client ID	Matrix	POG	DF	% SS	Comments		
1107771-071A	AEI-16-7'	S	ND	1	N/A			
					1			

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

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

DF = dilution factor (may be raised to dilute target analyte or matrix interference).

%SS = Percent Recovery of Surrogate Standard

surrogate diluted out of range or not applicable to this sample.



AEI Consultants

Client Project ID: #298931; 16001630 Park Street Alameda

Date Sampled: 07/26/11

Date Received: 07/27/11

Client Contact: Adrian Angel

Walnut Creek, CA 94597

Client P.O.: #WC083212

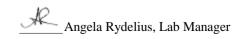
Date Analyzed: 08/04/11

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3510C/SW3550B Analytical Method: SW8082 Work Order: 1107771

Extraction Method: SW3510C/SW3550B Analytical Method			2	Work Order:	11077/1					
Lab ID	1107771-071A	1107771-100E								
Client ID	AEI-16-7'	AEI-16-W		Reporting DF	Limit for =1					
Matrix	S	W								
DF	1	1		S	W					
Compound		Conce	entration	mg/kg	μg/L					
Aroclor1016	ND	ND		0.05	0.5					
Aroclor1221	ND	ND		0.05	0.5					
Aroclor1232	ND	ND		0.05	0.5					
Aroclor1242	ND	ND		0.05	0.5					
Aroclor1248	ND	ND		0.05	0.5					
Aroclor1254	ND	ND		0.05	0.5					
Aroclor1260	ND	ND		0.05	0.5					
PCBs, total	ND	ND		0.05	0.5					
	Surrogate Recoveries (%)									
%SS:	89	97								
Comments		b1								

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



ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

[#] surrogate diluted out of range or surrogate coelutes with another peak.

b1) aqueous sample that contains greater than ~1 vol. % sediment

AEI Consultants

2500 Camino Diablo, Ste. #200

Walnut Creek, CA 94597

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

Client Project ID: #298931; 1600-Date Sampled: 07/26/11 1630 Park Street Alameda Date Received: 07/27/11 Client Contact: Adrian Angel Date Extracted: 08/03/11 Client P.O.: #WC083212 Date Analyzed: 08/05/11

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

Analytical Method: SW8270C Extraction Method: SW3550B Work Order: 1107771

Lab ID		1107771-071A					
Client ID				AEI-16-7'			
Matrix				Soil			
Compound	Concentration *	DE	Reporting	Compound	Concentration *	DE	Reportir

Nation 501											
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit				
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33				
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33				
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6				
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33				
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33				
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6				
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33				
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33				
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33				
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66				
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33				
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33				
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33				
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33				
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33				
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66				
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33				
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33				
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6				
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33				
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33				
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33				
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33				
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33				
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33				
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33				
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.33	Naphthalene	ND	1.0	0.33				
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6				
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33				
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6				
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33				
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33				
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33				
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33				
2,4,6-Trichlorophenol	ND	1.0	0.33			-					
	Surrogate Recoveries (%)										

Surrogate Recoveries (%)						
%SS1:	101	%SS2:	94			
%SS3:	91	%SS4:	102			
%SS5:	73	%SS6:	104			

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

b1) aqueous sample that contains greater than ~1 vol. % sediment



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

AEI Consultants

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

Client Project ID: #298931; 1600-Date Sampled: 07/26/11 1630 Park Street Alameda Date Received: 07/27/11 2500 Camino Diablo, Ste. #200 Client Contact: Adrian Angel Date Extracted: 08/03/11 Walnut Creek, CA 94597 Client P.O.: #WC083212 Date Analyzed: 08/05/11

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

Extraction Method: SW3510C	Analytical Method: SW82			thod: SW8270C	SW8270C Work Order: 1107771			
Lab ID				1107771-100F				
Client ID		AEI-16-W						
Matrix				Water				
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit	
Acenaphthene	ND	1.0	10	Acenaphthylene	ND	1.0	10	
Acetochlor	ND	1.0	10	Anthracene	ND	1.0	10	
Benzidine	ND	1.0	50	Benzoic Acid	ND	1.0	50	
Benzo(a)anthracene	ND	1.0	10	Benzo(b)fluoranthene	ND	1.0	10	
Benzo(k)fluoranthene	ND	1.0	10	Benzo(g,h,i)perylene	ND	1.0	10	
Benzo(a)pyrene	ND	1.0	10	Benzyl Alcohol	ND	1.0	50	
1,1-Biphenyl	ND	1.0	10	Bis (2-chloroethoxy) Methane	ND	1.0	10	
Bis (2-chloroethyl) Ether	ND	1.0	10	Bis (2-chloroisopropyl) Ether	ND	1.0	10	
Bis (2-ethylhexyl) Phthalate	ND	1.0	20	4-Bromophenyl Phenyl Ether	ND	1.0	10	
Butylbenzyl Phthalate	ND	1.0	10	4-Chloroaniline	ND	1.0	20	
4-Chloro-3-methylphenol	ND	1.0	10	2-Chloronaphthalene	ND	1.0	10	
2-Chlorophenol	ND	1.0	10	4-Chlorophenyl Phenyl Ether	ND	1.0	10	
Chrysene	ND	1.0	10	Dibenzo(a,h)anthracene	ND	1.0	10	
Dibenzofuran	ND	1.0	10	Di-n-butyl Phthalate	ND	1.0	10	
1,2-Dichlorobenzene	ND	1.0	10	1,3-Dichlorobenzene	ND	1.0	10	
1,4-Dichlorobenzene	ND	1.0	10	3,3-Dichlorobenzidine	ND	1.0	20	
2,4-Dichlorophenol	ND	1.0	10	Diethyl Phthalate	ND	1.0	10	
2,4-Dimethylphenol	ND	1.0	10	Dimethyl Phthalate	ND	1.0	10	
4,6-Dinitro-2-methylphenol	ND	1.0	50	2,4-Dinitrophenol	ND	1.0	50	
2,4-Dinitrotoluene	ND	1.0	10	2,6-Dinitrotoluene	ND	1.0	10	
Di-n-octyl Phthalate	ND	1.0	10	1,2-Diphenylhydrazine	ND	1.0	10	
Fluoranthene	ND	1.0	10	Fluorene	ND	1.0	10	
Hexachlorobenzene	ND	1.0	10	Hexachlorobutadiene	ND	1.0	10	
Hexachlorocyclopentadiene	ND	1.0	50	Hexachloroethane	ND	1.0	10	
Indeno (1,2,3-cd) pyrene	ND	1.0	10	Isophorone	ND	1.0	10	
2-Methylnaphthalene	ND	1.0	10	2-Methylphenol (o-Cresol)	ND	1.0	10	
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	10	Naphthalene	ND	1.0	10	
2-Nitroaniline	ND	1.0	50	3-Nitroaniline	ND	1.0	50	
4-Nitroaniline	ND	1.0	50	Nitrobenzene	ND	1.0	10	
2-Nitrophenol	ND	1.0	50	4-Nitrophenol	ND	1.0	50	
N-Nitrosodiphenylamine	ND	1.0	10	N-Nitrosodi-n-propylamine	ND	1.0	10	
Pentachlorophenol	ND	1.0	50	Phenanthrene	ND	1.0	10	
Phenol	ND	1.0	10	Pyrene	ND	1.0	10	
1,2,4-Trichlorobenzene	ND	1.0	10	2,4,5-Trichlorophenol	ND	1.0	10	
2,4,6-Trichlorophenol	ND	1.0	10		1			
1 2 2	i			ecoveries (%)				
%SS1:	74			%SS2:	66			
%SS3:	78			%SS4:	88			

Surrogate Recoveries (%)						
%SS1:	74	%SS2:	66			
%SS3:	78	%SS4:	88			
%SS5:	60	%SS6:	85			

Comments: b1

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

b1) aqueous sample that contains greater than ~1 vol. % sediment



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

AEI Consultants	Client Project ID: #298931; 1600-	Date Sampled: 07/26/11
2500 Camino Diablo, Ste. #200	1630 Park Street Alameda	Date Received: 07/27/11
	Client Contact: Adrian Angel	Date Extracted: 08/03/11
Walnut Creek, CA 94597	Client P.O.: #WC083212	Date Analyzed: 08/04/11

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Analytical Method: SW8260B Extraction Method: SW5030B Work Order: 1107771 Lab ID 1107771-061A 1107771-066A AEI-14-7' AEI-15-7' Client ID Reporting Limit for DF =1 Matrix S S DF 1 1 S W Compound Concentration mg/kg ug/L ND ND 0.005 tert-Amyl methyl ether (TAME) NA t-Butyl alcohol (TBA) ND ND 0.05 NA 1,2-Dibromoethane (EDB) 0.004 ND ND NA ND ND 0.004 1,2-Dichloroethane (1,2-DCA) NA Diisopropyl ether (DIPE) ND ND 0.005 NA Ethanol ND ND 0.5 NA Ethyl tert-butyl ether (ETBE) ND ND 0.005 NA **Surrogate Recoveries (%)** 95 96 %SS1:



Comments

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

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

AEI Consultants

Client Project ID: #298931; 16001630 Park Street Alameda

Date Sampled: 07/26/11

Date Received: 07/27/11

Client Contact: Adrian Angel

Walnut Creek, CA 94597

Client P.O.: #WC083212

Date Analyzed: 08/05/11

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1107771

Extraction Method. SW3030B	All	arytical Mctilod. 3 W 820	Work Order. 1107771					
Lab ID Client ID	1107771-098B AEI-14-W	1107771-099B AEI-15-W		- Reporting	Limit for			
Matrix	W	W		-	-1			
DF	1	1		S	W			
Compound		Conce	entration	ug/kg	μg/L			
tert-Amyl methyl ether (TAME)	ND	ND		NA	0.5			
t-Butyl alcohol (TBA)	ND	ND		NA	2.0			
1,2-Dibromoethane (EDB)	ND	ND		NA	0.5			
1,2-Dichloroethane (1,2-DCA)	ND	ND		NA	0.5			
Diisopropyl ether (DIPE)	ND	ND		NA	0.5			
Ethanol	ND	ND		NA	50			
Ethyl tert-butyl ether (ETBE)	ND	ND		NA	0.5			
Surrogate Recoveries (%)								
%SS1:	103	104						
Comments	b1	b1						
* water and vanor samples are reported in u	g/L soil/sludge/solid	samples in mo/kg_pr	oduct/oil/non-aqueous liquid samples and	all TCI P & S	PI P			

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



ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

b1) aqueous sample that contains greater than ~1 vol. % sediment

McCampbell Analytical, Inc. "When Quality Counts"

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

AEI Consultants	Client Project ID: #298931; 1600-	Date Sampled: 07/26/11
2500 Camino Diablo, Ste. #200	1630 Park Street Alameda	Date Received: 07/27/11
	Client Contact: Adrian Angel	Date Extracted: 08/03/11
Walnut Creek, CA 94597	Client P.O.: #WC083212	Date Analyzed: 08/04/11

Lead by ICP*

Extraction method: SW30:	50B	Analytical methods: SW6010B			Work Order: 1107771		
Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS	Comments
1107771-061A	AEI-14-7'	S	TOTAL	ND	1	100	
1107771-066A	AEI-15-7'	S	TOTAL	ND	1	101	
			1				1

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

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

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

TOTAL = Hot acid digestion of a representative sample aliquot.

TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.

DISS = Dissolved metals by direct analysis of $0.45 \mu m$ filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard

DF = Dilution Factor

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc. "When Quality Counts"

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

AEI Consultants

Client Project ID: #298931; 16001630 Park Street Alameda

Date Sampled: 07/26/11

Date Received: 07/27/11

Client Contact: Adrian Angel

Date Extracted: 08/03/11

Walnut Creek, CA 94597

Client P.O.: #WC083212

Date Analyzed: 08/04/11

Lead by ICP-MS*

Extraction method: E200.8 Analytical methods: E200.8 Work Order: 1107771

Estatetion method	interior metrod. E200.0 Work Order. 11077/1						der: 110///1
Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS	Comments
1107771-098C	AEI-14-W	W	TOTAL	21	1	103	b1
1107771-099C	AEI-15-W	W	TOTAL	66	1	103	b1
1					l		

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	0.5	μg/L
	S	TOTAL	NA	mg/Kg

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

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

TOTAL = Hot acid digestion of a representative sample aliquot.

TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.

DISS = Dissolved metals by direct analysis of $0.45 \mu m$ filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard

DF = Dilution Factor

b1) aqueous sample that contains greater than ~1 vol. % sediment

Angela Rydelius, Lab Manager

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 60173 WorkOrder: 1107771

EPA Method: SW8260B	5030B					S	piked Sam	ple ID:	N/A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
,	mg/kg	mg/kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
1,4-Dioxane	N/A	0.10	N/A	N/A	N/A	92.3	89.4	3.24	N/A	N/A	70 - 130	30
%SS1:	N/A	0.12	N/A	N/A	N/A	94	95	1.16	N/A	N/A	70 - 130	20

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

BATCH 60173 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107771-071A	07/26/11 1:00 PM	08/03/11	08/04/11 3:49 PM				

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

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

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

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

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

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

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 60174 WorkOrder: 1107771

EPA Method: SW8260B	Extra	tion: SW	5030B					S	piked Sam	ple ID:	N/A	
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
7 Walyto	μg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
1,4-Dioxane	N/A	10	N/A	N/A	N/A	98.5	105	6.09	N/A	N/A	70 - 130	20
%SS1:	N/A	12.5	N/A	N/A	N/A	93	96	3.06	N/A	N/A	70 - 130	20

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

BATCH 60174 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed	
1107771-100A	07/26/11	08/04/11	08/04/11 3:09 PM					

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

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

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

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

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

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

QC SUMMARY REPORT FOR E418.1

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 60175 WorkOrder: 1107771

EPA Method: E418.1	EPA Method: E418.1 Extraction: E418.1							S	piked Sam	ple ID:	N/A	
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
7 way to	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TRPH	N/A	11.85	N/A	N/A	N/A	95.2	93.8	1.52	N/A	N/A	70 - 130	20
%SS:	N/A	10	N/A	N/A	N/A	102	99	2.99	N/A	N/A	70 - 130	20

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

BATCH 60175 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed	
1107771-100D	07/26/11	08/03/11	08/08/11 9:44 AM					

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

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

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

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

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

surrogate diluted out of range.

QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 60094 WorkOrder: 1107771

EPA Method: SW8270C	OC Extraction: SW3550B Spiked Sample ID: 1107569-015A											
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
, mary to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Acenaphthene	ND<16	2	NR	NR	NR	92.3	100	8.01	30 - 130	30	30 - 130	30
4-Chloro-3-methylphenol	ND<16	4	NR	NR	NR	102	113	9.94	30 - 130	30	30 - 130	30
2-Chlorophenol	ND<16	4	NR	NR	NR	108	112	2.85	30 - 130	30	30 - 130	30
1,4-Dichlorobenzene	ND<16	2	NR	NR	NR	98.3	101	3.14	30 - 130	30	30 - 130	30
2,4-Dinitrotoluene	ND<16	2	NR	NR	NR	92	106	14.3	30 - 130	30	30 - 130	30
4-Nitrophenol	ND<80	4	NR	NR	NR	67.3	69	2.49	30 - 130	30	30 - 130	30
N-Nitrosodi-n-propylamine	ND<16	2	NR	NR	NR	89.4	89.3	0.0336	30 - 130	30	30 - 130	30
Pentachlorophenol	ND<80	4	NR	NR	NR	50.7	48.5	4.48	30 - 130	30	30 - 130	30
Phenol	ND<16	4	NR	NR	NR	102	103	1.49	30 - 130	30	30 - 130	30
Pyrene	ND<16	2	NR	NR	NR	80.5	78.5	2.54	30 - 130	30	30 - 130	30
1,2,4-Trichlorobenzene	ND<16	2	NR	NR	NR	103	110	6.14	30 - 130	30	30 - 130	30
%SS1:	71	200	84	85	0.266	108	99	8.41	30 - 130	30	30 - 130	30
%SS2:	70	200	85	81	5.66	111	103	7.59	30 - 130	30	30 - 130	30
%SS3:	78	200	90	89	0.290	109	105	3.94	30 - 130	30	30 - 130	30
%SS4:	93	200	94	93	1.51	111	108	3.23	30 - 130	30	30 - 130	30
%SS5:	#	200	64	66	3.77	96	83	14.1	30 - 130	30	30 - 130	30
%SS6:	101	200	99	97	1.97	110	111	0.727	30 - 130	30	30 - 130	30

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

BATCH 60094 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed	
1107771-071A	07/26/11 1:00 PM	08/03/11	08/05/11 5·32 AM					Τ

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

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

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

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

NR = matrix interference and / or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix, sample diluted due to high matrix or analyte content, or MS/MSD samples diluted due to high organic content.

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

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

QC SUMMARY REPORT FOR SM5520E/F

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 60171 WorkOrder: 1107771

EPA Method: SM5520E/F								S	piked Sam	ple ID:	1107771-0	71A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
, mayte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
POG	ND	2000	92.1	95.3	3.47	91.8	94.1	2.51	70 - 130	30	70 - 130	30

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

BATCH 60171 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107771-071A	07/26/11 1:00 PM	08/03/11	08/05/11 10:40 AM				

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

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

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

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

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

QA/QC Officer

DHS ELAP Certification 1644

QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 60177 WorkOrder: 1107771

EPA Method: SW8270C	EPA Method: SW8270C Extraction: SW3510C								piked Sam	ple ID:	N/A	
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
, mary to	μg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Acenaphthene	N/A	50	N/A	N/A	N/A	99	99.6	0.675	N/A	N/A	30 - 130	20
4-Chloro-3-methylphenol	N/A	100	N/A	N/A	N/A	108	112	2.95	N/A	N/A	30 - 130	20
2-Chlorophenol	N/A	100	N/A	N/A	N/A	115	119	3.12	N/A	N/A	30 - 130	20
1,4-Dichlorobenzene	N/A	50	N/A	N/A	N/A	96	97	0.953	N/A	N/A	30 - 130	20
2,4-Dinitrotoluene	N/A	50	N/A	N/A	N/A	110	113	3.20	N/A	N/A	30 - 130	20
4-Nitrophenol	N/A	100	N/A	N/A	N/A	32.9	33.7	2.39	N/A	N/A	30 - 130	20
N-Nitrosodi-n-propylamine	N/A	50	N/A	N/A	N/A	84	82.6	1.63	N/A	N/A	30 - 130	20
Pentachlorophenol	N/A	100	N/A	N/A	N/A	76	78.9	3.76	N/A	N/A	30 - 130	20
Phenol	N/A	100	N/A	N/A	N/A	103	107	3.07	N/A	N/A	30 - 130	20
Pyrene	N/A	50	N/A	N/A	N/A	77.2	77.6	0.452	N/A	N/A	30 - 130	20
1,2,4-Trichlorobenzene	N/A	50	N/A	N/A	N/A	106	109	3.37	N/A	N/A	30 - 130	20
%SS1:	N/A	5000	N/A	N/A	N/A	98	101	3.02	N/A	N/A	30 - 130	20
%SS2:	N/A	5000	N/A	N/A	N/A	97	100	3.40	N/A	N/A	30 - 130	20
%SS3:	N/A	5000	N/A	N/A	N/A	98	98	0	N/A	N/A	30 - 130	20
%SS4:	N/A	5000	N/A	N/A	N/A	96	96	0	N/A	N/A	30 - 130	20
%SS5:	N/A	5000	N/A	N/A	N/A	87	84	3.85	N/A	N/A	30 - 130	20
%SS6:	N/A	5000	N/A	N/A	N/A	103	106	3.09	N/A	N/A	30 - 130	20

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

BATCH 60177 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed	
1107771-100F	07/26/11	08/03/11	08/05/11 4·15 AM					

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

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

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

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

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

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

QC SUMMARY REPORT FOR SW8082

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 60172 WorkOrder: 1107771

EPA Method: SW8082	Extrac	tion: SW	3550B					S	piked Sam	ple ID:	1107771-0	71A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
, interfec	mg/kg	mg/kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Aroclor1260	ND	0.15	114	112	1.82	119	121	1.73	70 - 130	20	70 - 130	20
%SS:	89	0.050	90	89	2.08	100	101	1.02	70 - 130	20	70 - 130	20

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

BATCH 60172 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sample	ed Date Extra	cted Date Analyzed
1107771-071A	07/26/11 1:00 PM	1 08/03/11	08/04/11 5:02 PM				

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

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

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

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

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

surrogate diluted out of range or surrogate coelutes with another peak.

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 60135 WorkOrder: 1107771

EPA Method: SW8260B	Extrac	tion: SW	5030B					S	Spiked Sam	ple ID:	1108023-0	28A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
, unday to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	85.3	89.2	4.42	88.1	88	0.170	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	102	105	2.82	102	108	6.48	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	92.2	92.8	0.676	96.1	95.6	0.523	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	94.6	97.8	3.26	92.5	94.8	2.51	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	111	117	5.37	113	114	1.22	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	102	106	4.42	105	104	0.295	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	98.1	103	5.08	103	101	1.75	70 - 130	30	70 - 130	30
%SS1:	96	0.12	91	93	1.52	91	90	1.16	70 - 130	30	70 - 130	30

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

BATCH 60135 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107771-061A	07/26/11 11:00 AM	08/03/11	08/04/11 4:59 PM	1107771-066A	07/26/11 11:35 AM	08/03/11	08/04/11 5:38 PM

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

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

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

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

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

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

QC SUMMARY REPORT FOR E200.8

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 60163 WorkOrder: 1107771

EPA Method: E200.8	Extrac	tion: E20	8.0					S	piked Sam	ple ID:	1108002-0	A80
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
7 may to	μg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	ND	10	99.9	99.4	0.472	103	102	1.85	70 - 130	20	85 - 115	20
%SS:	100	750	102	103	0.247	104	104	0	70 - 130	20	70 - 130	20

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

BATCH 60163 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107771-098C	07/26/11 11:30 AM	08/03/11	08/04/11 8:28 PM	1107771-099C	07/26/11 1:40 PM	08/03/11	08/04/11 8:56 PM

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

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

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

N/A = not applicable to this method.

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

DHS ELAP Certification 1644

QC SUMMARY REPORT FOR SW8082

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 60176 WorkOrder: 1107771

EPA Method: SW8082	EPA Method: SW8082 Extraction: SW3510C							S	piked Sam	ple ID:	N/A	
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
, wayte	μg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Aroclor1260	N/A	3.75	N/A	N/A	N/A	117	120	2.72	N/A	N/A	70 - 130	20
%SS:	N/A	1.25	N/A	N/A	N/A	98	103	4.65	N/A	N/A	70 - 130	30

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

BATCH 60176 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed	
1107771-100E	07/26/1	1 08/03/11	08/04/11 5:58 PM					

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

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

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

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

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

QA/QC Officer

DHS ELAP Certification 1644

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 60135 WorkOrder: 1107771

EPA Method: SW8260B Extraction: SW5030B										Spiked Sample ID: 1108023-028A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)		
, and the	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD	
tert-Amyl methyl ether (TAME)	ND	0.050	85.3	89.2	4.42	88.1	88	0.170	70 - 130	30	70 - 130	30	
t-Butyl alcohol (TBA)	ND	0.25	102	105	2.82	102	108	6.48	70 - 130	30	70 - 130	30	
1,2-Dibromoethane (EDB)	ND	0.050	92.2	92.8	0.676	96.1	95.6	0.523	70 - 130	30	70 - 130	30	
1,2-Dichloroethane (1,2-DCA)	ND	0.050	94.6	97.8	3.26	92.5	94.8	2.51	70 - 130	30	70 - 130	30	
Diisopropyl ether (DIPE)	ND	0.050	111	117	5.37	113	114	1.22	70 - 130	30	70 - 130	30	
Ethyl tert-butyl ether (ETBE)	ND	0.050	102	106	4.42	105	104	0.295	70 - 130	30	70 - 130	30	
Methyl-t-butyl ether (MTBE)	ND	0.050	98.1	103	5.08	103	101	1.75	70 - 130	30	70 - 130	30	
%SS1:	96	0.12	91	93	1.52	91	90	1.16	70 - 130	30	70 - 130	30	

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

BATCH 60135 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107771-061A	07/26/11 11:00 AM	08/03/11	08/04/11 4:59 PM	1107771-066A	07/26/11 11:35 AM	08/03/11	08/04/11 5:38 PM

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

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

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

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

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

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

QC SUMMARY REPORT FOR E200.8

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 60163 WorkOrder: 1107771

EPA Method: E200.8	Extrac	tion: E20	8.0					S	piked Sam	ple ID:	1108002-0	A80
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
7 may to	μg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	ND	10	99.9	99.4	0.472	103	102	1.85	70 - 130	20	85 - 115	20
%SS:	100	750	102	103	0.247	104	104	0	70 - 130	20	70 - 130	20

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

BATCH 60163 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107771-098C	07/26/11 11:30 AM	I 08/03/11	08/04/11 8:28 PM	1107771-099C	07/26/11 1:40 PM	08/03/11	08/04/11 8:56 PM

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

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

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

N/A = not applicable to this method.

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

DHS ELAP Certification 1644

QC SUMMARY REPORT FOR SW8082

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 60176 WorkOrder: 1107771

EPA Method: SW8082	Extrac	ction: SW	3510C					S	piked Sam	ple ID:	N/A	
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
, wayte	μg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Aroclor1260	N/A	3.75	N/A	N/A	N/A	117	120	2.72	N/A	N/A	70 - 130	20
%SS:	N/A	1.25	N/A	N/A	N/A	98	103	4.65	N/A	N/A	70 - 130	30

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

BATCH 60176 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Dat	te Sampled	Date Extracted	Date Analyzed	
1107771-100E	07/26/1	1 08/03/11	08/04/11 5:58 PM						

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

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

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

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

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

QA/QC Officer

DHS ELAP Certification 1644

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 60114 WorkOrder: 1107771

EPA Method: SW8260B	Extrac	tion: SW	5030B					5	Spiked Sam	ple ID:	1107867-0	09A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
7 mary to	μg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND<5.0	10	91.4	93.4	2.15	88.2	90.4	2.46	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND<20	50	105	98.1	6.47	90	99	9.46	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND<5.0	10	89.2	89.7	0.533	85.7	87.2	1.74	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND<5.0	10	95.8	96.4	0.605	91.7	94.9	3.46	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND<5.0	10	111	111	0	107	110	2.89	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND<5.0	10	104	104	0	100	102	2.02	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	250	10	NR	NR	NR	95.4	97.1	1.79	70 - 130	30	70 - 130	30
%SS1:	94	25	94	95	0.723	95	93	2.57	70 - 130	30	70 - 130	30
%SS2:	101	25	99	98	0.336	99	97	2.41	70 - 130	30	70 - 130	30

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

BATCH 60114 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107771-098B	07/26/11 11:30 AM	08/05/11	08/05/11 12:07 AM	1107771-099B	07/26/11 1:40 PM	08/05/11	08/05/11 12:46 AM

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

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

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

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

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

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

QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 1107771

EPA Method: SW6010B	}		Extract	ion: SW:	3050B		BatchID): 60170	Spike	ed Sample	ID:	1107771-06	6A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acc	eptanc	e Criteria (%)
7 wayto	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	ND	50	102	96.7	5.63	10	98.4	80.7	19.7	75 - 125	25	75 - 125	25
%SS:	101	500	105	107	2.02	500	93	95	1.65	70 - 130	20	70 - 130	20

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

BATCH 60170 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107771-061A	07/26/11 11:00 AM	08/03/11	08/04/11 5:33 PM	1107771-066A	07/26/11 11:35 AM	08/03/11	08/04/11 5:35 PM

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

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

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

N/A = not applicable to this method.

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

Analytical Report

AEI Consultants	Client Project ID: #298931; 1600-1630 Park Street	Date Sampled:	07/25/11-07/26/11
2500 Camino Diablo, Ste. #200	Trained	Date Received:	07/27/11
2500 0444410 214010, 2401 11200	Client Contact: Adrian Angel	Date Reported:	08/04/11
Walnut Creek, CA 94597	Client P.O.: #WC083212	Date Completed:	08/09/11

WorkOrder: 1107771 D

August 15, 2011

Dear Adrian:

Enclosed within are:

- 1) The results of the 12 analyzed samples from your project: #298931; 1600-1630 Park Street Alameda,
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

			-av	INT	ED	NH3	ISH:	э <i>а</i> -		 	VΊ	NI	LED	VN	OKI	ЭТЕ	EC	a						/			:6	g pan	Reefe	Time:	:ots(Relluduisped By:
						INE	IAT	NO				EN.	IOI	E	PAC	IS O	EV	H					_	K	8)	7	01	1	0251	22/6	1	Out les
ОТНЕК	METALS	5%6	o sv	N	OIT									F	_; (5	CEV	I	H							7	1	wed B	Recei	Time:	Date		Reinquished By:
100000000000000000000000000000000000000			1	7202						^	W			1												/	V:K	g pl	Recei	- C	Date: /		Relinquished By:
				Т						(П	Г	Т			1				A		M	1	H25:01	A	1	HIT-3-13.
											X							Г												HSS:01			HET-3-10,
																		Г	T			1	Г						\Box	402:01			18-8-134
			8										X					T	t	1		\dagger								HR):01			1t-E-124
																			t				-						T	HS1;01		(2011 M) #17	4-E-J3H
																	-		†									1		6105:6		P	AET-3-13
		\top																t	t		T					1		1	1	Also: 01			HET-9-10.
				†															t			1						2	H	H18:6			15't-8-121
				+	+													T	t			1	\vdash			1		7	+	Hor:b			19-8-124
																\vdash			t		_	1						6	+	A100:10			(E1-1-13H
																			+			\dagger							1	HSO: 12			HEI-1-10.
																		Н	t			†						3	+	Hhs: 8			18-1-JaH
		\top		+														H	t			\dagger				1		2		VSS:8			1E-1-I3H
																			t			X				X		1	1	HOS: 8	11/82/1	(mp)/4/7	11-1-I3H
7			Mo	3	TP	An	C	PA	甲	٧	8	00	BT	Pe	То	To	TP	BT	9	E	H	Ic	0	S	A	So	¥	7	#		1	GUSDO	
			=	BE	H	senic	M-1	H's	A 62	Cs I	Bs E	gano	EX	sticid	tal P	tal P	H as	EX &	ner	Ó		6	ther	udg	7	Ė	ate		Con	Time	Date	M42	
			Car.	g,	by 80	, cop	7 M	PN	5/8	PA	PA (-chlo	ONL	les by	etrole	etrole	Dies	TPH						6			٦	Cont	tair	1		LOCATION	(Field Point Name)
				EPA)15 v	per,	stals	A's b	270	624 /	/ 80	rine	Y (E	EP.	m	m (el (8	as G			NEW COOK		L					aine	iers	_		-	dia lureva
			The same of	8021	/ith s	cad I		y EP		8260	8080	pesti	PA 6	4 808	Hydro	% Iic	015)	as (60	l a				8	XIS	ITA	W		8.1		DNI	IAMAS		
			3	/801	llica	by El		A 62			ado	cides		18	ocart	Gre	W/ Si	2/802														LV	Sampler Signature
			1	5	gel c	A 6		5/8			18	EPA	3020		ons (ase (lica g										100	WWW A T			Park Str	1600 – 1630	Project Location:
	- 1-		The state of the		ean	0100		270 /			7/2	808	2		418.	5520	gel cl	9015)	H				_		TOO	0/-6						0.0	Tel: (408) 559-760 Project #:
					-p	E		8310			1/3	-	29		5	E&F	canu		\vdash		u	8.co	tant								L6516	t Creek, CA	
			100			C		0			8		00			7/B&	p															daid onima	
			12								2		13			J										1							Company: AEI C
sjuən		\rightarrow					_		1891	ıbə	A si	sAp	MAY														ətti	IBZ	OT I	Iia		ləgnA n	Report To: Adria
											Yes	Ç	2	¿pa	orin	bəy	E E	ED				77	0.1-	061	(00	76)		J			0701	061 (076) 13	Telephion
										ar.	ATE W		NTO		M.F.	LT.	MO	т										1		ILE CV 642	Pittsbi	e: (925) 798-	and and a T
Sinammoo														How Pass R		TATECOMIA																	
		Jan	LU	a /	LU	U	L)		L	U	IVI	V.I		_					\perp						-	IN	1 1	VJ	LLA	IVNV	PREII	MADAM	

		10	BAJ	NI			IAT RSF:		_	_ B	ΥΊ						EV						_	4		7	: .	ed B	Goog !	Time:		Date:		Relinquished By:
					ALE	bbT	ROF	dd	ř			_			CON	D (005	0					1		Y_)	0	ned B	Rocei	Time:	١,	Date:		Refinduished By:
ОТНЕВ	NETALS	0%C	SVO		OIT	VΛ	SEB	3He	ł					}	5	G'	CE\	I		_			_	-2	7	n	ny	70	Recei	Jegg Jille:	1/2	Date	/	Relinquished By:
			X										X									Т				0		1	Δ	-	\vdash	1	*	HEI-9-174
			-										6								1	2				1		10	1	detil		1,		HEI-P-P.
																						1				1			\Box	100:1			(MING) Aft	1-0-13H
																						П				1				Jaril			1	151-5-134
																		П			T	П								Ishit				1C1-S-120
																						П				1				138:1				18-5-134
																		0				П								Jos. 61			MENSTA	509-5-134
																	X	X				П						2		90:61			1	181-h-13V
											_											П						+		ASh: 11				181-4-134
											X											Ш						6		WS:11				,01-h-Iay
																												+		HS2:11				58-h-124
			(8)										(X)															2		405:11				1985h-Iat
																						П				1		3	1	460:11		11,		1h-h-13t
																	(X)	OS.				XI				Х		4	1	18:01	11)	SYE	(must) ++17	151-8-13H
			Muth Panye	MBTEX by EP	TPH-d by 8015 with silica gel clean up	Arsenic, copper, lead by EPA 6010 (TTLC	CAM-17 Metals	PAH's / PNA's by EPA 625 / 8270 / 8310	EPA 625 / 8270	VOCs EPA 624 / 8260	PCBs EPA 608 / 8080	Organo-chlorine pesticides EPA 8081	BTEX ONLY (EPA 602	Pesticides by EPA 8081	Total Petroleum Hydrocarbons (418.1)	Total Petroleum Oil & Grease (5520 E&F/B&F)	TPH as Diesel (8015) w/ silica gel cleanup	BIEX & IPH as	Other	HNO ₃	HCl	Ice	Other	Sludge	Air	Soil	Water	Type Containers	# Containers	əmiT	,	Date	госудюя	SAMPLE ID (Field Point Name)
			12	A 802	with	lead	· ·	by E		/ 82	/ 808	e pesi	EPA	PA 80	Hyd	Oil	8015	Gas (CHO			1	XIX	ITA	W		iers	96	ONIT	МЫ	IVS		
			3	EPA 8021/8015	silica	by E		PA 6		90	0	icide		18(rocar	& Gn) w/ s	02/80	Ť	OIL	Lar								_	1	_	2	1 :	Sampler Signature
			1/2	15	gel	PA 6		25 / 8			1/28	s EP	8020		bons	case (ilica	20+													ns :	Park	1600 – 1630	Project Location:
			13		clean	010		270			Z	A 808			(418	(5520	gel c	8015)	L						TOO				tosto				0.0	Project #:
					-p	E		831			8	=	MHGE			E&1	leam	8/18	-		wo	o'sn	nen						lia!M		L	65b6 Y	t Creek, CA	D97-928 (804) :19T
			(Sal			G		0		(the same		00			F/B&		1/8					-		•								daid onima	
			1										18			Ð	00	Uh.								Y	908	980	30N:	# Od				Company: AEI C
stnam		трет.			_		_		1891	ıbə	A si	SÁIT	n/			-	100	81							_		ətti	IBZ	oT I	Bi			ləgnA n	Report To: Adria
AVOS	SI SI	HR (Y	817	ЯІ	Z4 H]	HSO		B		Xes LIV						200	F				779	91-	864	(57	(6)	:XR	E		nuß CV 348	ittsbi	d	e: (6 7 2) 188	Telephon
1	-11	ОВЪ													4	1	1	,iL							•0	N	IJ	CVI		ANAL Bass P			MeCAM	

	McCAMPBELL ANALYTICAL INC. 1534 Willow Pass Road Pittsburg, CA 94565 Telephone: (925) 798-1620 Fax: (925) 798-1622 CHAIN OF TURN AROUND TIME EDF Required? Yes														F		ST	n	DY	7 R	E	201	RD											
		1534 V	Villow Pass	Road										1	rin	N	AR									0.					L		1	DK
Tolonhor	00: (025) 70		burg, CA 9	4565		Tov.	(92	5) 7	08_	162	2				J		ZAA		0141		. 114				USH		24 H		4	8 HR		72 H	R	5 DAY
Тегериог	16. (923) 19	0-1020				· a.	(32	3) 1	70-	102				E	DE	Req	uire	ed?	[1	Yes	3	2	N						port:	_	_)	
Report To: Adria	ın Angel			ill T										76	8/18				Ana	lys	is R	equ	est							Othe	r	C	omm	ents
Company: AEI C				#: 🐠	2082	HOO)							2	9	E													5	3)			
	Camino Dia													1/3	- two	/B&					2	1				0			2	100				
	ut Creek, C	A 94597		-Mai	-	-	-		sult	ants	.com	1		8/18	A MILE	E&F	_				10	9		8310		Ĕ	d		5	=				
Tel: (408) 559-76	00			ax:	-		-76	01					- 5	15)	d cle	520 1	18.1			8081	5			10/8		0	an n		1/8	8				
Project #:				rojec		me:								80	50	e (55	18 (4		20)	PA 8	1/8			827		100	cle		12	00				
Project Location:	1	0 Park St	reet, Ala	meda	A									020	silie	reas	infor		/ 80	Es E	2			525		EPA	200	015	1	0				
Sampler Signatur	e: //	/			_	_				_	ME	*****	an.	8/70	(W)	& G	roca	180	602	icid	0	05		PA (þ	silic	8021/8015	5	S				
		SAMP	LING		ers		MA	TR	IX)	PRES	THO		ias (6	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	Pesticides by EPA 8081	BTEX ONLY (EPA 602 / 8020)	Organo-chlorine pesticides EPA	PCBs EPA 608 / 8080	VOCs EPA 624 / 8260		PAH's / PNA's by EPA 625 / 8270 / 8310		Arsenic, copper, lead by EPA 6010 (TTLC)	TPH-d by 8015 with silica gel clean up	807	M	-3				
CAMPLEID				lers	la la					T				N N	le C	enm	uma	y EP	Y (E	rinc	808	624	270	A's	ctals	per,	015	EP/	3	3				
SAMPLE ID (Field Point Name)	LOCATION	228		Containers	Containers	١.			4					TPH	Dies	strol	dont	es b	NE	chlo	PA	PA	EPA 625 / 8270	PN	CAM-17 Metals	cop,	3y 8(MBTEX by EPA	Range W	2				
(,		Date	Time	l io	be (Water	=		Sludge	Other	F	HNO	Other	BTEX &	H as	al Pe	al Pe	ticid	EX	ano	Bs E	CSE	4 62	H's	M-1	enic	P	9	T	H.R.				
				#	Type	3	Soil	Air	Sir	ŏ,	eo l'o		ŏ	ВП	IF	Tot	Tot	Pes	BT	O	2	00	EP	PA	CA	Ans	TP	MB	水子	Mulfi				
AEI-6-10'	Lift (former)	7/25/11	1:408	1	A		X			1											X													
AET-6-12'		1	1:358	1	C		1			ľ	(
Att-6-14'			11458		e									X)(
NET-7-4"			2:008		1+	†			\top	7		\top		٢																	\top	\top		
NET-7-71			2:308		G	+			\forall	+	†	+																	X)			+		
Not-7-111			7:108		1	+				†	+	+				-					(X)								9	+		+		
OK+ 7-121			D.101	+	1					+	-			\vdash	+						(V								-	x)	+	+		
MELTIN			2.000	\vdash	10	+			+	+	+	+	+	-	+				-				-	-		-	-	\dashv	-	~	+	+		
He-8-9.			2:359	\vdash	\vdash	+	-	_	-	+	+	+		-	+	_						-		-				-		+	+	+		
HEL-8-4			2:451	\vdash	\vdash	-			-	+	#	+	-	-	-	-					- 1					-	-	_	X	-	+	+		
HET-8-9'			3:00	\sqcup	Н	_	/		_	4	4	_		_	1													_		_	_	+		
AET-8-11			3:101	Ш																	(X)									200				
ABD-8-141	V		3:151																										(X				
AFT-9-5	Lift (existing)		3:508	1																														
DET-9-2	1/	\ /	3:45P	0	V		0				1																							
Relinquished By:	1	Date: /	Time:	Rece	eived I	By:/	1			_	1																	_			-		-	
1/2 0	//	7/29/11	1500		Dh	h	6		_						ICE	5	4	1						VID =	CEE	****	Tr. C		OAS	0&0	G	MET	ALS	OTHER
Relinquished By:		Date:	Time:	Rece	eived I	_			,						GO		CON	DIT	TON	V					SER ROP					_				
Denklant	_	7/27	1540	17	19		1	8	-						HEA	DS	PAC	CE A	BSI	ENT				CON	TAI	NE	RS_							
Relinquished By:	- 1	Date:	Time:	Reg	ved I	By:		V							DEC	HL	ORI	NA'	TED	IN	LA	B	_	PE	RSE	RV	ED	INI	LAB		_			

	McCAN	IPRELI	ANAI	VT	ICA	LI	NC		_			_	\neg					-	CH	[A]	INI	0	F (TI	тэ	n	D.	/ ID	REC	O	DI)		
	Mechan	1534 V	Villow Pass	Road	·								-	т	TID	N	AR							-0		U	ר ר				KL			TOK
Tolonho	201 (025) 70		burg, CA 9	1565		lave	(025	70	8-16	22				•	UN	4	AIN	U	JINI	<i>U</i> 1	HIV			RI	ISH		24 H	IR		8 HF	3		HR	5 DAY
Тегерио	ne: (925) 79	0-1020			r	ax.	(940) 15	0-10	122			ı	EI)F F	tequ	uire	d?		3	Yes	S	4	No	$\overline{}$				F Rej			400	4	
Report To: Adria	n Angel				: Sa								\neg						Ana	lysi	s R	equ	est					\Box	(Oth	er	T	Comi	ments
Company: AEI C	Consultants		PO	#: VØ	082	800										E		П													5	T		
	Camino Dia			-									_			B&										6			M		10	٦		
	ut Creek, C.	A 94597			l: aaı	_			ultar	ts.c	om		4		gel cleanup	B&F	_							3310		Ĕ	e.		301		2		2	
Tel: (408) 559-76	00				408)		-760	1_					\dashv	8015)	l cle	520 1	18.1			8081				10/		00	ann		7		3	2	claamy	
Project #:	1600 160			_	t Nar	ne:							\dashv	- 80	60	e (5	ns (4		8020)	PA				82		9	cle		Marc		3		B	
	pler Signature:													9020	silica	reas	Inpo		-	es E				625		EPA	38 85	015	P	3	6		2	
Sampler Signatur	SAMPLING MATRIX MET) W	80	droca	180	602	ticid	21	8		ΡA		d by	sillic	21/8	600	et.	50		3	
		SAMP	LING	90	iers	L	MA	ΓRI	X					Gas (TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	Pesticides by EPA 8081	BTEX ONLY (EPA	Organo-chlorine pesticides EPA	PCBs EPA 608 / 8080	VOCs EPA 626 / 8260		PAH's / PNA's by EPA 625 / 8270 / 8310		Arsenic, copper, lead by EPA 6010 (TTLC)	TPH-d by 8015 with silica gel clean up	MBTEX by EPA 8021/8015	-range	F	2		20	
SAMPLE ID				ner	tg.									H as	sel	leum	leum	3y E	Z	orin	809	626	EPA 625 / 8270	IA's	CAM-17 Metals	pper	3015	EP	三十	5	3	,	Sigle	
(Field Point Name)	LOCATION	Data	Time	ntai	S	1		5	2 2			1		втех & трн	S Dic	etro	etro	des	O	당	EPA	EPA	25/	E	17 N	c, co	by	X by	Multi	7	Pung		5	
100	SAMPLING E MATRIX METHOPRESERV														Ж	tal	tal F	stici	LEX	gano	Bs	ő	9 Y	H,s	-W	seni	PH	BTE	#	3	Uhi	-	3	
				#	E	=	Š.	V S	5 0	ı	H	Ξ	Other	18	F	Ę	Ĭ	Pe	B	ō	M	>	田	P/	0	AI	F	×	1	7	Ź	\perp	-2	
AET-9-8'	(ift/existing)	7/25/11	3:30	1	A		X			X																								
AETA-11'	1	, ,	4:008	1	C		(
AET-9-14'		V	4:108		C																									\top		\top		
AET-10-4		7/26/11			+					1																				T	1	1		
AET-10-6'		11-11	10:05A		G		T			П																						T		
AFT-10-71			10:0614		+		П																							0	X			
NET-10-10'			10:264		8		T				П																					T		
AFI-10-12'			10:104		1								П																			T		
AEI-10-151	V		10:25A																											1				
AET-11-3'	Drain		8:58A																			X							X	X				
AET-11-5'			9:05A										П								1											T		
Att-12-31			8:15A										╗								1	X							X	X				
AEI-12-51			8:25A	1									╛																			\top		
AEI-12-8'	V	1	8:200	V	W		0	1		W			\forall											\forall						\top	$^{+}$	†		
Relinguished By:	-12-8' V 8:30A V 0															_							_					_	_	_		_		
MI															-	F	5 5	4											OAS	0&	G	ME	ETALS	OTHER
Relinquished By:		Date:	Time:	Rece	ived B	y:	_		/				┫				ON		TON	V					SER									
Denk Cart	_	7/27/11	1548	1	2/		0	4									PAC							ON	TAI	NE	RS_		_					
Relinquished By:		Date:	Time:	Rece	ived B	y:		٧					\neg	D	EC	HLC	DRI	NAT	ΓED	IN	LA	B		PE	RSE	RV	ED	INI	LAB		_			

1107771

McCAMPBELL ANALYTICAL INC. CHAIN OF CUSTODY RECORD 1534 Willow Pass Road TURN AROUND TIME Pittsburg, CA 94565 24 HR RUSH 48 HR 73-HR Telephone: (925) 798-1620 Fax: (925) 798-1622 EDF Required? ☐ Yes Email PDF Report: YES Report To: Adrian Angel Bill To: Same Analysis Request Other Comments PO #: W2082800 Company: AEI Consultants Total Petroleum Oil & Grease (5520 E&F/B&F) 2500 Camino Diablo, Suite 200 lead by EPA 6010 (TTLC) PAH's / PNA's by EPA 625 / 8270 / 8310 Walnut Creek, CA 94597 E-Mail: aangel@aeiconsultants.com Fax: (408) 559-7601 Tel: (408) 559-7600 Project Name: Project #: Project Location: 1600 - 1630 Park Street, Alameda Sampler Signature: METHOD TPH as Diesel (8015) SAMPLING MATRIX Type Containers PRESERVED VOCs EPA 624 SAMPLE ID LOCATION (Field Point Name) Sludge Date Time Other HINO3 Soil Ice Dain :00A 0577 : 67 A Existry VSTS 10:457 11:0019 11:10A 11:05A 11:15A 11:304 11:451 12:00 17:508 timil added 8/2/11 5day Relinquished By Date: Time: Received By: 100 VOAS 0&G METALS OTHER PRESERVATION Refinquished By:/ Date: Time: Received By: GOOD CONDITION APPROPRIATE 7/27 1540 HEAD SPACE ABSENT CONTAINERS DECHLORINATED IN LAB Received By: PERSERVED IN LAB Time: Relinquished By: Date:

	MaCAB	/DDEI	T A BT A	F X/T	TOA	T T	NIC			_			_	_	_	_		_			-	-				-					
	McCAN		L AINA Villow Pas		ICA	LI	NC	•														C						OF	SD		~
		Pitts	burg, CA											TI	UR	N A	RC	U	D	TIN	Æ					-					40
Telephor	ne: (925) 79	8-1620			F	ax:	(925	5) 79	8-16	522			-	rn:	FR	a anni	irod	2	П.	Yes	s [RUS!		24 E			HR		2 HR	5 DAY
D	4 1			- m	-							_	+	5.01	r K	equi	ii eu					_	140	En	nail	PDF		porte	_	_	
Report To: Adria				Bill T									+	-			-	Aı	naly	sis F	leque	est				4	- 0	Other		Com	ments
Company: AEI C		ble Cuit		#: W	CHRE	เชยบ						_	-	ı	6	5							9	}							
	Camino Dia ut Creek, C.			P Mai		n a a l	0	11.2592	1.		200		\dashv		d d	E&F/B&F)							326	©			5			2	
Tel: (408) 559-76		A 94391		E-Ma Fax:					ultar	its.c	om		-		cant	2 2			_		+		2 2	Ē	Gr.		108	5		rop	
Project #:	00			Projec			-/00	11					- 08		silica gel cleanup	014	0		808		-EhoH		2 3	9	ean		1	8		Can	0
Project Location:	1600 - 163	0 Park S				nc.							-		ica 8	200	SIIS	020	EPA		T		3	A 60	elcl		14.5	7		7	MO
Sampler Signatur	- 77	///	n cety rain	ameu	ie .								/8020	9 "	lis /	Total Detroclasing Hadrographous (419 1)	aroc	BTEX ONLY (EPA 602 / 8020)	Organo-chlorine pesticides EPA 8081		T		CANTITUDES BY EFA 625 / 8270 / 8310	Arsenic, copper, lead by EPA 6010 (TTLC)	TPH-d by 8015 with silica gel clean up	MBTEX by EPA 8021/8015	000	55	-	-	- Fa
	-	SAME	LING	Т	8	Τ,	MA.	TRI	v		4ETI		- G9	9		8	Pesticides by FPA 8081	209	stici	08	100			d by	b sili	21%	2	200	0	30	0
		SAMI	LING	2	Type Containers	H	VAZA	IKI	^	PR	ESE	RVE	D å	000	Tetal Persolation Oil &		PA	E A	e pe	PCBs EPA 608 / 8080	VOCs EPA 624 €8260		o - 3	, les	with	A 80	range	2	000	18	7
SAMPLE ID	LOCATION			Containers	ntai								8 1		esel		Ho H	. 3	lorin	809	1 62	625 / 8270		bbei	8015	<u>a</u>	2/	S	1	21	5
(Field Point Name)	LOCATION	Date	Time	nta	ပီ	L.		9.0	-			6	- E	1	S Di	and of	des	NO	-ch	EPA	EPA	25/	1	00 00	by	Xby	Will Th	-4	0	~	<
				ပိ	ype	Water	Soil	Air	Other	Ice	HCI	HINO3	Other BTEX & TPH		E H	l lot	stici	EX	gane	Bs	ő	EPA 6	K E	seni	PH	BTE		75	12	2	5
				#	F	2	00	< 0	0	=	H	王(9 =	F		F	- ad	B.	ō	M	>		E di	Ar	TF	Z	The state of	74	1	7	
AEI-16-7'	Wotank	7/2411	1:008		A		X			V										X	X	X	X				X	1			
AET-16-10'		1	1:059	1	C					5	П															1					
HED-16-12'			MOY		4																					\top					
AET-16-151	4		1:157		+																										
AET-17-41	011/60		2:108		9		T												-					-		1			П		
AET-17-7'	Arex		2:20		+		1			П			\top	T		T					\top	1				+	+				
AET-17-8'			2.259		6	100	-																			1	X	X	X		
AET-17-121			2:30				1			П		\top	†									T				-	1				
AET-17-15'			-				1			П			T									+				1		-	\Box		
PFT-18-4"			3:108					1		П												T				\pm			Н		
AET-18-81			4:068							IT		T		T		-						Ť	T			-	Z	V	X		
AFI-18-12			3:581				T							T		T					1	1	1			1					
AFT-18- 15		1	4:000				1						1								\top	+	+			+					
AEC-191-4"		W	4:108	W	0		V			A				t		†						+	+				+	+			
Relinquished/By:	1	Date:	Time:	Rece	ived B	y: ,	/					_	+	_		_	-		-			_	_			_	-	_	_		
100		7/29/11	1400		120	sh	-6	on	2	-						5	+									VO	AS	O&G	M	ETALS	OTHER
Relinquished By:	,	Date:	Time:	Rece	ived B	_		Vice	,						E/t°	-		TIO	N				PRO								
Anh av		1/27/1	1540	b	d		C	4											SEN	Γ			NTA								
Relinquished By:		Date:	Time:	Roce	ived B	y:		V	1					DE	CHI	LOF	NA	TE	D IN	LAI	3		PERS			IN L	AB_				
				,																											

	Pittsl	ANAI Villow Pass ourg, CA 9	Road										Т	UR	N A	AR(F					ì	REC					X
Telephone: (925) 79	8-1620			F	ax:	(92	5) 79	8-16	22			H	EL	FF	equ	ired	?		5	Yes		5	No	JSH	_	24 H		F Re	8 HF	-	TES H)	5 DAY
Report To: Adrian Angel		В	ill To	: Sa	me			_				\dashv			_		1	Ana	lysi	s R	equ	est		_				_	Othe	-	_	mm	ents
Company: AEI Consultants		PO	#: <i>X</i> (f)	0092	800	,							4	П	E		,	177													8 -	_ :	
2500 Camino Dia													8015)+MTBE	0	Grease (5520 E&F/B&F)			8/8							0			1		7	2	4	Κ.
Walnut Creek, C	A 94597			l: aaı	_	_		ultan	ts.co	om		-	T	silica gel cleanup	E&F			9					8270/8310		(TTLC)	g.		108		. :	S W	oher	
Tel: (408) 559-7600				408)		-76	01					\dashv	15)	el cle	520	00		支	8081				70/		10 01	with silica gel clean up			-	1	3		
Project #:	0 D 1 C		_	t Nar	ne:	_						\dashv	+ 80	50	e (5	ns (4		50	EPA					-		el cle		W		1	CAMO	7	
Project Location: 1600 - 163	0 Park St	reet, Ala	meda	1	_	_	_	_				\dashv	8020	silis	ireas	arbo		/ 80					625	3	EPA	68	015	PIC		1		22	
Sampler Signature:	1							_	IN	1ET	ног	D	(602/8	>	80	droc	0.81	602	ticid	08	8260			60	lead by	sitis	8021/80	0	12	0	Dipo	- 5	•
	SAMP	LING	90	ners		MA	TRI	X			RVI		Gas ((801	1 Oil	H.	EPA 8081	EPA	e bes	/ 8080	1/82		by I	S	r, lea			ang	A	01-	0	-	r
SAMPLE ID (Field Point Name)	Date	Time	# Containers	Type Containers	Water	Soil	Air	Other	Ice	HCI	HNO,	Other	BTEX & TPH as	TPH as Diesel (8015)	Total Petroleum Oil &	Total Petroleum Hydrocarbons (418.1)	cides by	BTEX ONLY (Organo-chlorine pesticides	PCBs EPA 608 /	VOCs EPA 624 /	EPA 625 / 8270	PAH's / PNA's by EPA	CAMP I GAME	Arsenic, copper,	TPH-d by 8015	MBTEX by EPA	TPH MUHI-Y	MRIEX	1	K() YA K	JA NO	
AEI-19-8' Dillow	7/21/1	4:158	1	Ace		X		T	X							T	T	_			\neg	\neg						X	X	X			
8ED-19-12' Arch	1	4:208		1/c/c	П				K																								
ATT-19-15' V	1/	4:459	1	1																						- 21				\top			
ALT I-IN	2/25/11	0.154	0	WA	N	•	-		\parallel								T				7	\neg						V					
AFT-2-W	7191	10:10A	-	T	1				⇈												1							V					
Act-3-W		11 1 100	-	\vdash	Ħ				\parallel							\top	6	X)										7	\top				
ATT-U-W		12-100	-	+	H			+	\parallel						+	+	Ž	V	7	\exists	+	1						V	1	_	+		
NET		1250	-	H	H		+		╫			\dashv					4	O/			+	\forall						1	_	+	+		
HEL-S-V		1. 50%	5	\vdash	H	+	-		-						+	+	1	X			+	+				-			-	+	+		
1 2 - W		8-15	-	+	+		-	-	₽						-	+	-	N	-	-	+	+	-					0	-	+	+		
HED-+-W		110+	5	\vdash	H	-	-	+	⊩			\vdash		-	+	+	+	-	-	-	-	+	-	-		-		X	-	-	+		
HEL-8-M		3:308	5	\vdash	H	-	_	-	1			\vdash		-	-	+	+	_		-	_	-						X	_	-	\perp		
HET-9-W	,V,	4:30P	5	\perp	Ш				1								4	_			_							X,			_		
AEI-10-W	7/26/1	10:201	5	1																								X					
17+EI-14-W	inte	11:301	4	W	a				U				X											X									
Relinquished By:	Date: 7/27/1	Time:			wh		Ca	e	_	_			I	CE/	.5		1					Р	RE	SER	VA	TIO		OAS	0&	ıG	мета	LS	OTHER
Relinquished By:	Date: 7/27	Time: 1540	Rece	eived B	7':		XD	1					(900	D C	ONE				7		A	PP		PRL	ATE			-				
Relinquished By:	Date:	Time:	Rece	eived B	y:	_	1									RIN					3_	_					IN	LAB	_	_			

	McCAN	1534 \	Willow Pas	s Road		L I	INC	*						т	URI	AT A	DC					FC		ST		Y	RE	CO		D	ı	170
Telepho	ne: (925) 79		burg, CA 9	94565		For	(92	5) 7	09.1	622					UK	1 A	INC	UI	U	H HIV	IL	,	RU			HR		48 H		72 I	ID 1	5 D/
Telepho	ic. (723) 17	0-1020				r aa.	(92.	3) 1:	70-1	022			-	ED	FR	equi	ired	3		Yes	ş V	1	No					epor			5	3 10
Report To: Adria	n Angel		1	Bill T	o: S	ame							\neg				7	An	alv	sis R	lequ	est					Т	Oth	_	_	omn	ents
Company: AEI (onsultants		PO	#: XV	ROB	280	9							1		~	10)						T	T	T	+			3	- Carrier	
2500	Camino Dia	blo, Suite	200											BE	0	000	4-Drawons (+18.1)	2									*	1		X 3	-	
Waln	at Creek, C.	A 94597	I	Е-Ма	il: a	inge	l@ae	icon	sulta	nts.c	om			m	dnu	200	9	4					9	1	3		7198		200	THE	-	
Tel: (408) 559-76	00		I	ax:	(408)	55	9-76	01						8015)+MTB	w/ silica gel cleanup		9	2	18		+		/ 83		E !	1	12	1	2	ATT POLICE	5	
Project #:			F	Proje	et Na	me:								801	gel gel	5	1	3	A 80		0		22	9	010	3	13		1882/	THE C	7	
Project Location:	1600 - 163	0 Park St	treet, Ma	amed	a									+ 0	lica	asc	Suo I	3020	EP/		亚		00/0	1	A 6	0 40	Mo		0	दे	5	
Sampler Signatur	e: ///	- //	/											2/802	N/ Si	5		2/8	ides		F		29	3	y EF	801	119	5	4	5 4	7	
		SAMP	LING	П	90	Т	MA	TRI	x	1	MET	HOL	D	Gas (602/8020	(5)	Total Detections Bridge and Arrest (410 t)	See 1	BTEX ONLY (EPA 602 / 8020)	Organo-chlorine pesticides EPA 8081	8080	8260 + E+oH		PAH's / PNA's by EPA 625 / 8270 / 8310	Teod .	copper, lead by EPA 6010 (TTLC)	8021/8015	12	8	2X	2 3	0	
				2	ii.	\vdash				PF	RESE	RVE	ED	Gas	080			(EP	e pe	-	V/	0	ě.	SE .	r, le	EPA 8	and	7	5	0	NO W	
SAMPLE ID	LOCATION			# Containers	Type Containers					1				H as	TPH as Diesel (8015)			7	lorir	PCBs EPA 608	VOCs EPA 624	8270	Y Y		son s	y EP	1.5	X	7	S C	1	1
(Field Point Name)	200.11101.	Date	Time	1 2	ವಿ	i.			e 1			3	-	втех & трн	SDi	Dotter		O	o-ch	EPA	EP/	25/	/ B		0,0	, D	3	H	6	2 2	-	
				ပိ	ype	Water	Soil	Air	Other	Ice	HCI	HNO3	Other	EX	H a		1	EX	gan	Bs	S	EPA 625	E I		Arsenic, co	MBTEX	平	18	Ē	RAME	3-8	
1				#	-	12	02	4 0	20	F	E	=	9	m	FF		Ł	B	ō	PC	>	苗	P.	3 -	4 2	Σ	1	2.	3	EX	_	
MET-15-W		7/26/11	1:48	5	1000	IX.				X				X										X					^	X		
At-16-W			-	7	Val	16/				17			7			>	X			X	X	X	T			1	V	-	\vee'	+		
AKT-12-W			3:000	14	VOA	11				#			+			-	1			_	7	1	+	+	+	+	\Rightarrow	1	4	+		
1ATT 18 10		1	and the second second	4	1	+		+	+	₩			+	-	-	+	+	-				+	+	+	+	+-		\bigcirc	+	+		
VICT - 18-10		(1/	3:35P	1	11	6/		+	+	1			+	-	-	+	-	-			100	-	4	+	-	_	X	X,	4	-		
HET-19-W		V	4:10	14	V	A		_	_	q			4			_			1								X	X				
													\top									\top							+	+		
						+			+			+	+		+	+	+				+	+	+	+	+	-		2.1	+	+		
						+		+	+	-		-	+	+	-	+	+	-			-	+	+	+	+	-			4	\perp		
					-	-				-		_	4		4	-	-															
																				-												
													1																			
						1							+			+	+						+	-	-				-	-		
Relinquistred By:		Date:	Time:	Rece	eived l	Rv. /							+																			
1100		7/29/11	1:00	Kece	1	1/2	1				_	-			,	- /	1									**	OAS	los	c	MET		0.77
Relinquished By:		Date:	Time:	Page	ived I	but	in	2	_				\dashv	IC	E/t°	2:						PF	RESI	ERV	ATI		UAS	0&	G	META	LS	OTH
0.1//		7/27	1546	Ked	l veu i	0	()	4	T					G	OOD	CO	NDI					AI	PR	OPR	TAL	E						
Relinquished By:		Date:		P.	ived I			1					_		EAD					_	_				ERS							
remiquished by:		mater	Time:	Rece	avea i	3y:								- 1/1	100	15 F P	S I I W A	1 25.1	E 174				54 BI BI	THE RES	C N/ H/I	3 I I	LAB	4				

McCampbell Analytical, Inc.

CHAIN-OF-CUSTODY RECORD

ClientCode: AEL

WorkOrder: 1107771 D

Page 1 of 1

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

☐ Excel ☐ WriteOn □ EDF ∏Fax ✓ Email HardCopy ☐ ThirdParty ☐ J-flag Report to: Bill to: Requested TAT: 5 days Adrian Angel aangel@aeiconsultants.com Sara Guerin Email: Date Received: 07/27/2011 **AEI Consultants AEI Consultants** cc: Date Add-On: 08/08/2011 2500 Camino Diablo, Ste. #200 PO: #WC083212 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597 ProjectNo: #298931: 1600-1630 Park Street Alameda Walnut Creek, CA 94597 Date Printed: 08/09/2011 (925) 283-6000 FAX: (925) 944-2895 squerin@aeiconsultants.com Requested Tests (See legend below) 2 3 5 6 8 10 Lab ID Client ID Matrix Collection Date Hold 4 11 12 1107771-011 AEI-3-7' Soil 7/25/2011 10:18 Α 1107771-015 AEI-3-15' Soil 7/25/2011 10:58 Α Α 1107771-017 AEI-4-7' Soil 7/25/2011 11:30 Α 1107771-021 AEI-4-15' Soil 7/25/2011 12:00 Α Α 1107771-028 AEI-6-7' Soil 7/25/2011 Α 1107771-031 AEI-6-14' Soil 7/25/2011 13:45 Α Α 1107771-035 AEI-7-13' Soil 7/25/2011 Α Α 1107771-040 AEI-8-14' Soil 7/25/2011 15:15 Α Α 1107771-048 AEI-10-8' Soil 7/26/2011 10:00 Α Α 1107771-090 AEI-3-W Water 7/25/2011 11:00 Α 1107771-091 AEI-4-W 7/25/2011 12:10 Water Α 1107771-093 AEI-6-W Water 7/25/2011 14:15 Α Test Legend: 2 3 5 1 **G-MBTEX S** TPH(DMO)WSG_S TPH(DMO)WSG_W 6 7 8 9 10 11 12 Prepared by: Zoraida Cortez

Comments: Multi Range w/SG and PCb addd 7/28/11 per email. Additional addons 8/2/11 5d. Samples taken off hold 8/8/11 per email 5 day.

AEI Consultants Client Project ID: #298931; 1600-Date Sampled: 07/25/11 1630 Park Street Alameda Date Received: 07/27/11 2500 Camino Diablo, Ste. #200 Client Contact: Adrian Angel Date Extracted: 07/28/11-07/29/11 Walnut Creek, CA 94597 Client P.O.: #WC083212 Date Analyzed: 07/28/11-07/29/11

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

method: SW5030B		8 ()	Analyt	ical methods:	SW8021B/8015F	Bm		Wor	k Order:	1107771
Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
AEI-3-7'	S	1200	ND<10	2.6	25	10	48	200	#	d2,d9
AEI-4-7'	S	5100	ND<50	6.2	83	54	280	1000	#	d2,d9
AEI-6-7'	S	470	ND<5.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	100	77	d7
AEI-3-W	W	11,000	ND<50	1100	1900	210	860	10	105	d1,b6
AEI-4-W	W	200,000	ND<500	21,000	30,000	3600	16,000	100	112	d1,b6
AEI-6-W	W	18,000	ND<50	ND<5.0	7.7	ND<5.0	28	10	103	d7,b6,b1
								·		
ing Limit for DF =1; ans not detected at or	W	50	5.0	0.5	0.5	0.5	0.5			
	Client ID AEI-3-7' AEI-4-7' AEI-6-7' AEI-3-W AEI-6-W	Client ID Matrix	Client ID Matrix TPH(g) AEI-3-7' S 1200 AEI-4-7' S 5100 AEI-6-7' S 470 AEI-3-W W 11,000 AEI-4-W W 200,000 AEI-6-W W 18,000	Client ID Matrix TPH(g) MTBE	Client ID Matrix TPH(g) MTBE Benzene	Matrix TPH(g) MTBE Benzene Toluene	Matrix TPH(g) MTBE Benzene Toluene Ethylbenzene	Matrix TPH(g) MTBE Benzene Toluene Ethylbenzene Xylenes	Matrix TPH(g) MTBE Benzene Toluene Ethylbenzene Xylenes DF	method: SW5030B Analytical methods: SW8021B×8015Bm Work Order: Client ID Matrix TPH(g) MTBE Benzene Toluene Ethylbenzene Xylenes DF % SS AEI-3-7' S 1200 ND<10

ND means not detected at or above the reporting limit	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg
* water and vapor samples are repo	orted in µ	ıg/L, soil/sludge/soli	d samples in m	ng/kg, wipe sa	mples in µg/wi	pe, product/oil/	non-aqueous li	iquid samples and all TCLP &

SPLP extracts in mg/L. # cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard;

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

- b1) aqueous sample that contains greater than ~1 vol. % sediment
- b6) lighter than water immiscible sheen/product is present
- d1) weakly modified or unmodified gasoline is significant
- d2) heavier gasoline range compounds are significant (aged gasoline?)
- d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram
- d9) no recognizable pattern

DF = Dilution Factor



AEI Consultants	Client Project ID: #298931; 1600-	Date Sampled:	07/25/11-07/26/11
2500 Camino Diablo, Ste. #200	1630 Park Street Alameda	Date Received:	07/27/11
· ·	Client Contact: Adrian Angel	Date Extracted:	08/08/11
Walnut Creek, CA 94597	Client P.O.: #WC083212	Date Analyzed:	08/09/11-08/10/11

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extractio	n method: SW5030B			Analyt	ical methods:	SW8021B/8015I	3m		Wor	rk Order:	1107771
Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
015A	AEI-3-15'	S	ND	ND	ND	ND	ND	ND	1	82	
021A	AEI-4-15'	S	1.2	ND	0.029	0.071	0.031	0.17	1	82	d1
031A	AEI-6-14'	S	ND	ND	ND	ND	ND	ND	1	94	
035A	AEI-7-13'	S	ND	ND	ND	ND	ND	ND	1	95	
040A	AEI-8-14'	S	ND	ND	ND	ND	ND	ND	1	98	
048A	AEI-10-8'	S	ND	ND	ND	ND	ND	ND	1	95	
	rting Limit for DF =1; neans not detected at or	W	50	5.0	0.5	0.5	0.5	0.5		ug/I	
	ve the reporting limit	S	1.0	0.05	0.005	0.005	0.005	0.005		mg/K	.g

above the reporting innit			0.00		0.000		0.000	88
* water and vapor samples are repo SPLP extracts in mg/L.	orted in µ	g/L, soil/sludge/soli	d samples in m	g/kg, wipe sa	mples in μg/wi	pe, product/oil/	non-aqueous li	iquid samples and all TCLP &

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: d1) weakly modified or unmodified gasoline is significant

McCampbell Analytical, Inc.

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

	Client Project ID: #298931; 1600-1630	Date Sampled:	07/25/11-07/26/11
2500 Camino Diablo, Ste. #200	Park Street Alameda	Date Received:	07/27/11
	Client Contact: Adrian Angel	Date Extracted:	08/08/11
Walnut Creek, CA 94597	Client P.O.: #WC083212	Date Analyzed:	08/12/11-08/15/11

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550B/3630C Analytical methods: SW8015B Work Order: 1107771 TPH-Diesel TPH-Motor Oil Lab ID Client ID Matrix DF % SS Comments (C10-C23) (C18-C36) 1107771-015A 107 AEI-3-15' S 1.6 ND 1 e2 1107771-021A AEI-4-15' S 1.3 ND e2 1107771-031A AEI-6-14' S 1.4 ND 1 111 e7,e2 1107771-035A AEI-7-13' S 3.7 7.4 1 111 e7,e2 1107771-040A AEI-8-14' S ND ND 1 109 1107771-048A AEI-10-8' S 1.2 ND 1 109 e2

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

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

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

e2) diesel range compounds are significant; no recognizable pattern

e7) oil range compounds are significant



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

[%]SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com

E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Bm

QC Matrix: Soil BatchID: 60244 WorkOrder: 1107771 W.O. Sample Matrix: Soil

EPA Method: SW8021B/8015Bm	Extrac	tion: SW	5030B					S	piked Sam	ple ID:	1108161-0	61A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
, undayto	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) [£]	ND	0.60	118	120	2.16	111	120	8.15	70 - 130	20	70 - 130	20
MTBE	ND	0.10	111	108	2.97	110	108	1.39	70 - 130	20	70 - 130	20
Benzene	ND	0.10	90.3	87.4	3.16	84.7	86.7	2.34	70 - 130	20	70 - 130	20
Toluene	ND	0.10	87.9	85.2	3.05	81.9	84.6	3.28	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	89	86.7	2.65	83.1	86.1	3.54	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	88.6	86.2	2.74	82.6	85.7	3.71	70 - 130	20	70 - 130	20
%SS:	83	0.10	82	80	1.36	80	83	2.95	70 - 130	20	70 - 130	20

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

BATCH 60244 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed	
1107771-048A	07/26/11 10:00 AM	I 08/08/11	08/09/11 3:57 AM					

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

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

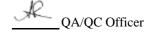
MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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



1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com

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

QC SUMMARY REPORT FOR SW8021B/8015Bm

QC Matrix: Soil BatchID: 60288 WorkOrder: 1107771 W.O. Sample Matrix: Soil

EPA Method: SW8021B/8015Bm	Extrac	tion: SW	5030B					S	piked Sam	ple ID:	1108242-0	15A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
, and yet	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) [£]	ND	0.60	85.4	89.6	4.87	91.7	88.1	3.96	70 - 130	20	70 - 130	20
MTBE	ND	0.10	113	112	0.721	116	111	4.41	70 - 130	20	70 - 130	20
Benzene	ND	0.10	97.9	101	2.79	102	96.5	5.80	70 - 130	20	70 - 130	20
Toluene	ND	0.10	86.4	89.1	3.12	90.6	85.8	5.38	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	89	91.3	2.59	93	88.5	4.89	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	101	104	3.52	106	101	4.87	70 - 130	20	70 - 130	20
%SS:	84	0.10	84	93	10.8	83	73	12.7	70 - 130	20	70 - 130	20

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

BATCH 60288 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107771-015A	07/25/11 10:58 AM	08/08/11	08/10/11 2:20 AM	1107771-021A	07/25/11 12:00 PM	08/08/11	08/10/11 3:20 AM
1107771-031A	07/25/11 1:45 PM	08/08/11	08/09/11 1:57 AM	1107771-035A	07/25/11	08/08/11	08/09/11 2:27 AM
1107771-040A	07/25/11 3:15 PM	08/08/11	08/09/11 3:27 AM				

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

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

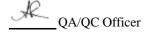
MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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



1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com

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

QC SUMMARY REPORT FOR SW8015B

QC Matrix: Soil BatchID: 60276 WorkOrder: 1107771 W.O. Sample Matrix: Soil

EPA Method: SW8015B	Extrac	Extraction: SW3550B/3630C							Spiked Sample ID: 1108223-009A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	CSD Acceptance Criteria (%			
, interfec	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	8500	40	NR	NR	NR	101	101	0	70 - 130	30	70 - 130	30
%SS:	#	25	#	#	#	96	97	1.38	70 - 130	30	70 - 130	30

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

BATCH 60276 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed	
1107771-048A	07/26/11 10:00 AM	I 08/08/11	08/12/11 4:23 PM					

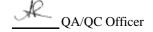
MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

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

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

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

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



1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com

E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015B

QC Matrix: Soil BatchID: 60289 WorkOrder: 1107771 W.O. Sample Matrix: Soil

EPA Method: SW8015B	Extrac	tion: SW	3550B/36	30C				S	piked Sam	ple ID:	1108242-0	15A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
, manyee	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	ND	40	108	109	0.965	107	110	3.44	70 - 130	30	70 - 130	30
%SS:	80	25	93	94	1.62	96	103	6.58	70 - 130	30	70 - 130	30

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

BATCH 60289 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed	
1107771-015A	07/25/11 10:58 AM	08/08/11	08/13/11 4:15 AM	1107771-021A	07/25/11 12:00 PM	08/08/11	08/12/11 2:34 AM	Ì
1107771-031A	07/25/11 1:45 PM	08/08/11	08/13/11 4:38 AM	1107771-035A	07/25/11	08/08/11	08/15/11 1:02 PM	l
1107771-040A	07/25/11 3:15 PM	08/08/11	08/13/11 3:05 AM					Ì

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

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

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

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

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

