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

October 6, 2011

Ms. Karel Detterman
Alameda County Environmental Health
1131 Harbor 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#0000008

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

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AEI Consultants
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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

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

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 ¾" diameter slotted PVC casing into each borehole to facilitate collection of groundwater samples. Groundwater samples were collected using ¼ 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 conditions[1]. 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 (µg/L, AEI-7-W) up to 200,000 µg/L (AEI-4-W). TPH-d was detected in six samples ranging from 89 µg/L (AEI-17-W) up to 120,000 µg/L (AEI-6-W). TPH-mo was detected in seven samples ranging from 400 µg/L (AEI-10-W) up to 300,000 µg/L (AEI-6-W). Benzene was detected in two samples, AEI-3-W and AEI-4-W, at 1,100 µg/L and 21,000 µg/L, respectively. Toluene was detected in three samples ranging from 7.7 µg/L (AEI-6-W) up to 30,000 µg/L (AEI-4-W). Ethylbenzene was detected in two samples, AEI-3-W and AEI-4-W, at 210 µg/L and 3,600 µg/L, respectively. Total xylenes was detected in three samples ranging from 28 µg/L (AEI-6-W) up to 16,000 µg/L (AEI-4-W). Total lead was detected in two samples (AEI-14-W and AEI-15-W) at 21 µg/L and 66 µg/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; existing gas and waste oil USTs southeast of the 1618 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 Levels[2]. In addition, the metals detected in soil are compared in Table 5 with the California Environmental Protection Agency (Cal-EPA[3]) 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)

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.

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.

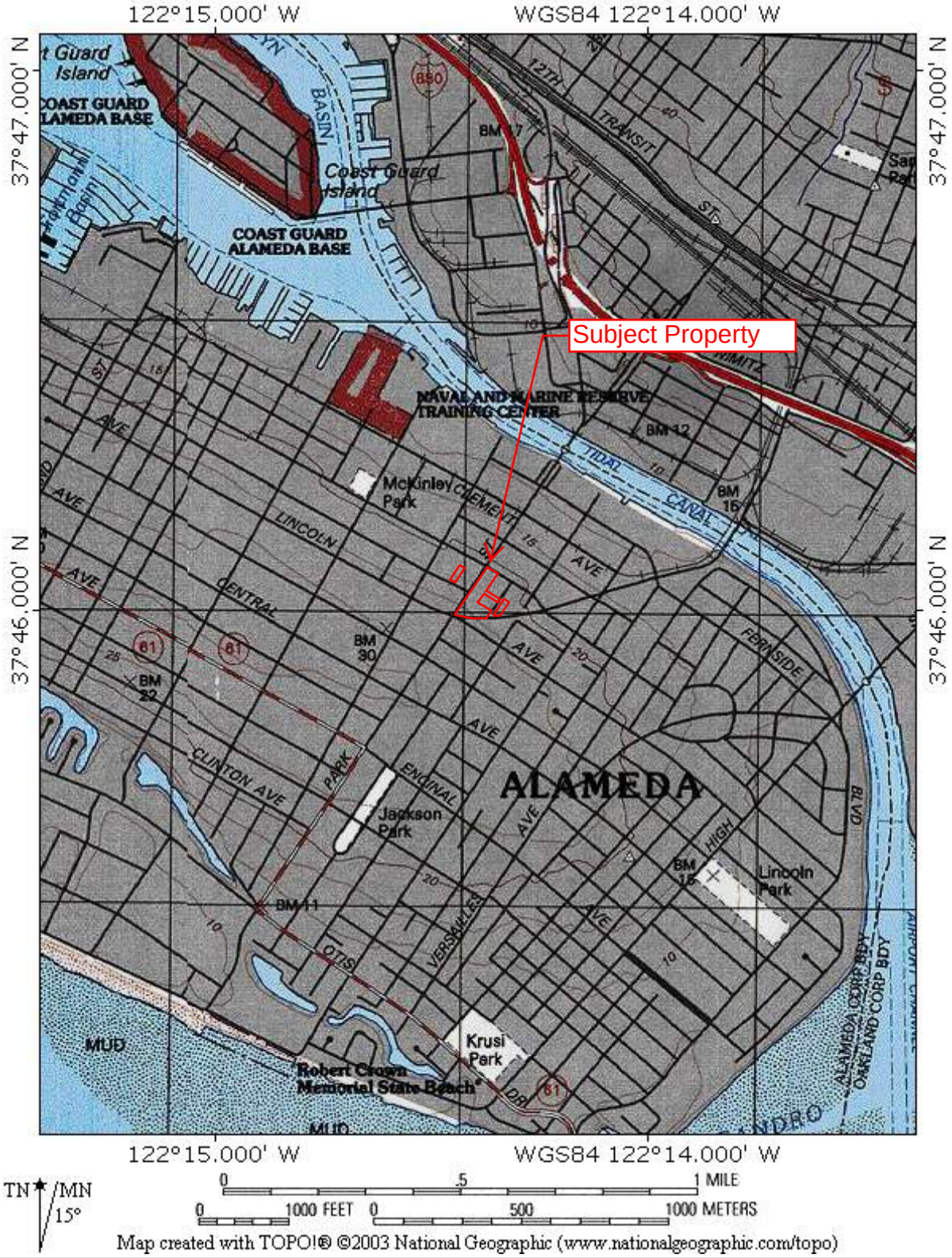
Sincerely,
AEI Consultants

Adrian M. Angel, GIT
Project Geologist

Peter J. McIntyre, PG, REA, MS
Principal Geologist

REGISTERED GEOLOGIST
PETER J. MCINTYRE
Exp. 3/31/12
No. 7702
STATE OF CALIFORNIA

FIGURES



SITE LOCATION MAP

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

N

FIGURE 1

Source: USGS

Project Number: 298931

AEI Consultants

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

LEGEND

N

SUBJECT PROPERTY BOUNDARY

GEOPHYSICAL SURVEY PERIMETER

AEI SOIL BORING (7/26/11) APPROXIMATE LOCATION

0' 110'

APPROX. SCALE: 1 in = ~110 ft

SITE PLAN

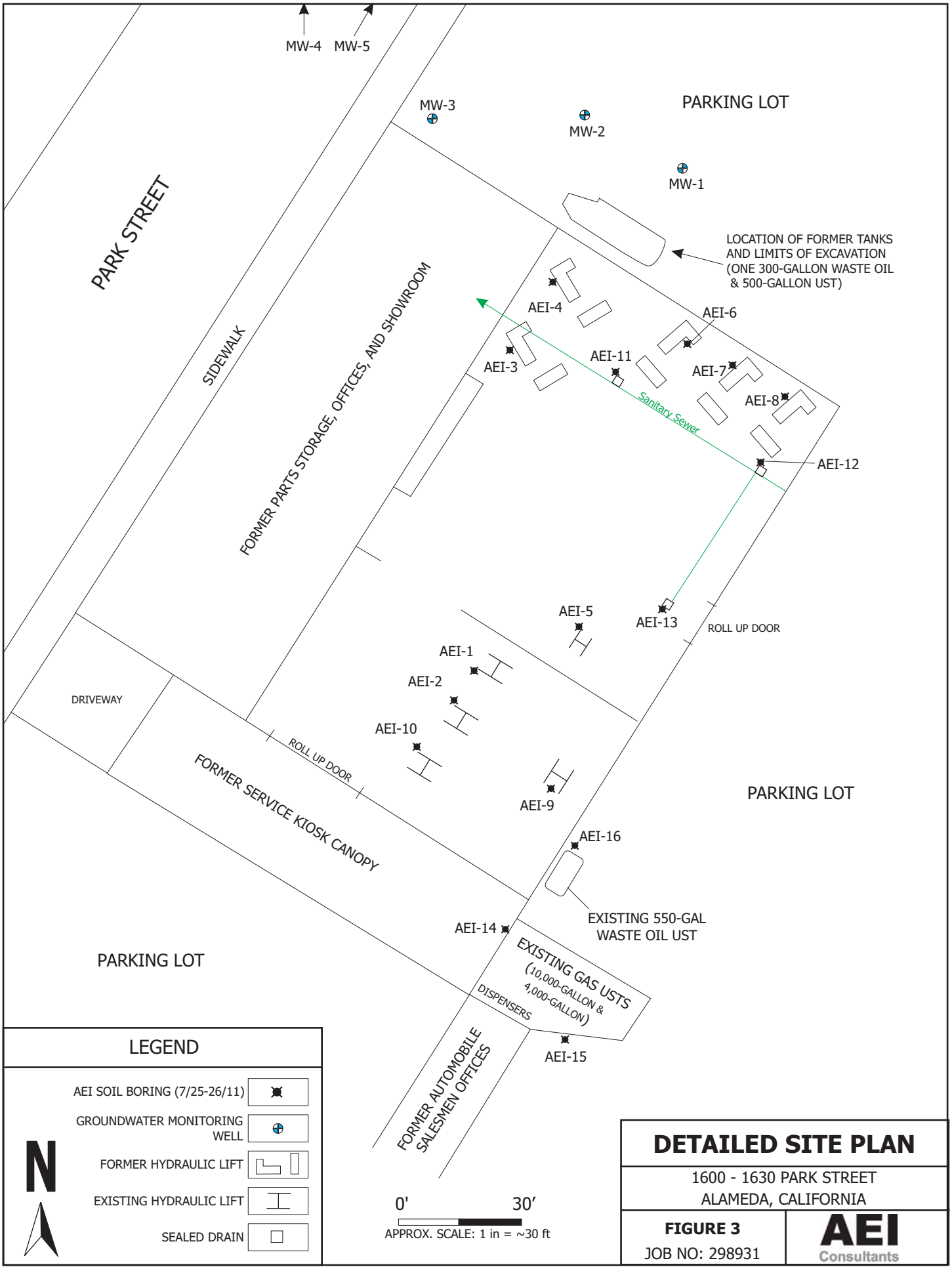
1600-1630 PARK ST; 1600 - 1606 FOLEY ST; 2329 PACIFIC AVE

ALAMEDA, CALIFORNIA

FIGURE 2

JOB NO: 298931

AEI Consultants



DETAILED SITE PLAN

1600 - 1630 PARK STREET
ALAMEDA, CALIFORNIA

FIGURE 3
JOB NO: 298931

AEI Consultants

TABLES

Table 1
Soil Sample Analytical Data
TPH, MBTEX and POG
AEI Project No. 298931, 1600 - 1630 Park Street, Alameda, CA

Sample ID	Date Collected	Approx. Depth (feet)	TPH-g (mg/kg)	TPH-d* (mg/kg)	TPH-mo* (mg/kg)	MTBE (mg/kg)	BTEX** (mg/kg)	POG (mg/kg)
				EPA Method SW8021B/8015B/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-3-15'	7/25/2011	15	<1.0	1.6	<5.0	<10	All<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-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	-
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	-
AEI-18-8'	7/26/2011	8	<1.0	<1.0	<5.0	<0.05	All<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
MDL = method detection limit
TPH = total petroleum hydrocarbons
TPH-g = TPH as gasoline
TPH-d = TPH as diesel
TPH-mo = TPH as motor oil
POG = petroleum oil and grease
MBTE = methyl butyl tertiary ethyl
BTEX soil detections reported as benzene / toluene / ethylbenzene / total xylenes
"*" = with silica gel cleanup
"**" = 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	-	-	-
AEI-12-3'	7/26/2011	3	-	<MDL	-	-	-
AEI-13-3'	7/26/2011	3	-	<MDL	-	-	-
AEI-14-7'	7/26/2011	7	-	-	<MDL	-	-
AEI-15-7'	7/26/2011	7	-	-	<MDL	-	-
AEI-16-7'	7/26/2011	7	<0.02	<MDL	<MDL	<MDL	<0.05
ESLs - Res	-	-	0.0018	varies	varies	varies	varies
ESLs - C/I	-	-	0.0018	varies	varies	varies	varies
RL	-	-	0.02	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
MDL = method detection limit
VOCs = volatile organic compounds
SVOCs = semi-volatile organic compounds
PCBs = polychlorinated biphenyls
"<" = less than
"^" = 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 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/8015Bm*	MTBE (µg/L)	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	-	100	100	100	5.0	varies	0.1
ESLs - NDW	-	210	210	210	1,800	varies	0.21
RL	-	50	50	250	5.0	0.5	1.0

µg/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
"*" = 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)

"<" = 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

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	-	-
AEI-15-W	7/26/2011	-	-	<MDL	-	-
AEI-16-W	7/26/2011	<2.0	<MDL	<MDL	<MDL	<0.5
ESLs - DW	-	3.0	varies	varies	varies	varies
ESLs - NDW	-	50,000	varies	varies	varies	varies
RL	-	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	mg/kg	mg/kg	mg/kg
					EPA Method SW6010B		
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
Cd = Cadmium Ni = Nickel
Cr = Chromium Zn = Zinc
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	Pb µg/L *EPA 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	-	0.25	-	2.5	8.2	81
ESL - NDW	-	0.25	-	2.5	8.2	81
RL	-	0.25	0.5	0.5	0.5	5.0

Notes:

µg/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
Cr = Chromium
Pb =Lead
Ni = Nickel
Zn = Zinc

APPENDIX A

Soil Boring Logs

Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-1

Sheet 1 of 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 Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **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**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Concrete		
				SP		Sand, minor silt, brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
			AEI-1-4'				1.8	
	5					sand increasing in density and moisture		
			AEI-1-7'					
			AEI-1-8'				1.4	
						(after 15 mins)		
	10					(ATD)		
				SP		Sand, brown, wet, no apparent odors or staining		
			AEI-1-12'				2.4	
						Bottom of Boring at 13 feet bgs		
	15							

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Figure

Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-2

Sheet 1 of 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 Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **10.5 feet ATD, 7.57 feet after 20 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Existing Hydraulic Lift**	

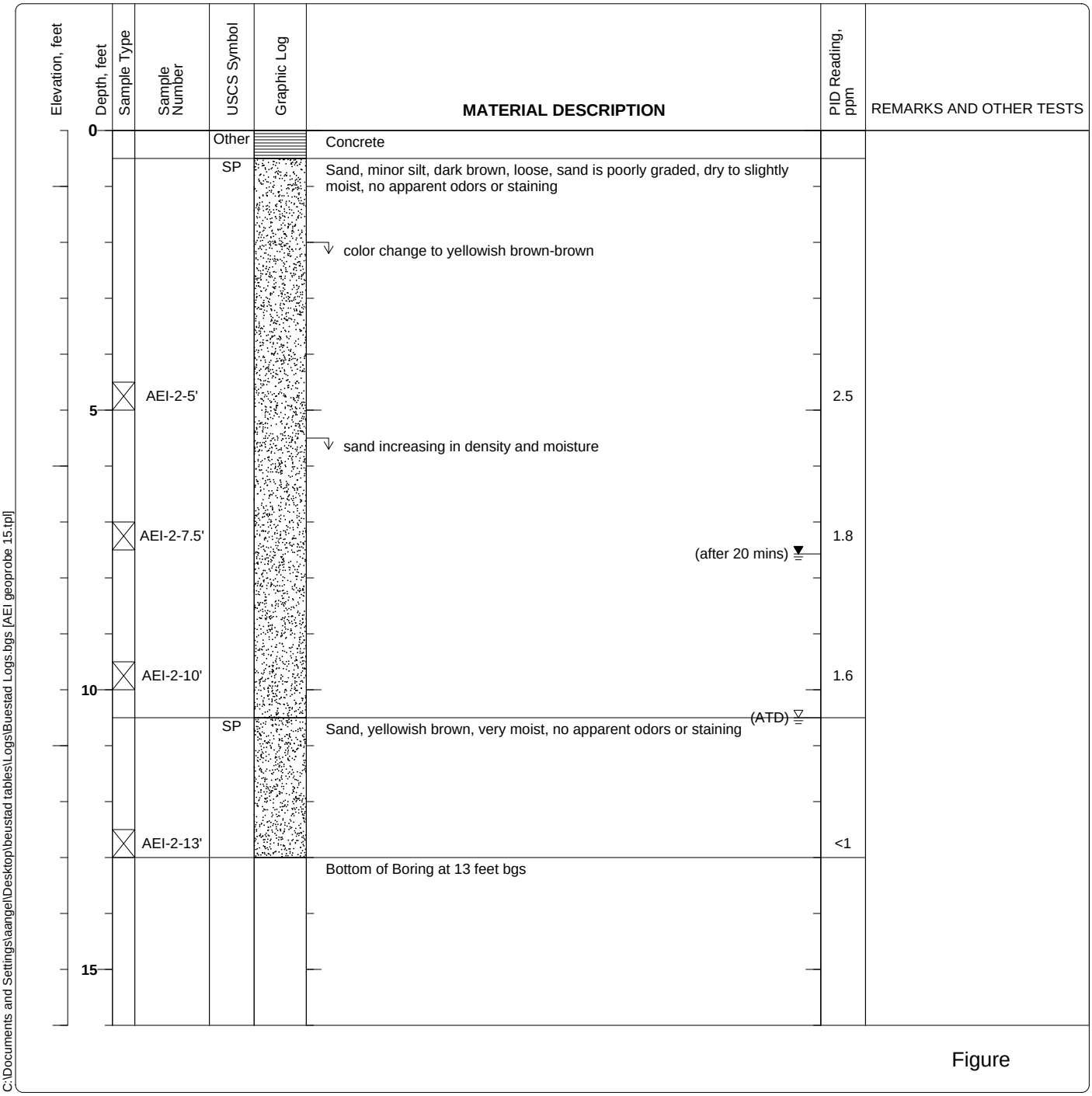

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Figure

Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-3

Sheet 1 of 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 **15 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **12 feet ATD, 7.75 feet after 15 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Former Hydraulic Lift**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Concrete		
				SP		Sand, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown-brown		
			AEI-3-4'					
	5							
			AEI-3-7'			strong petroleum hydrocarbon odors and staining noted, sand increasing in density and moisture		
			AEI-3-8'			(after 15 mins)	1048	
			AEI-3-10'				941	
	10							
			AEI-3-12'				214	
						(ATD)		
				SP		Sand, dark olive grey, strong petroleum hydrocarbon odors and staining noted, wet		
						petroleum hydrocarbon odors and staining end, color back to yellowish brown		
			AEI-3-15'				26.2	
	15					Bottom of Boring at 15 feet bgs		

Figure

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Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-4

Sheet 1 of 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 **15 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **10 feet ATD, 7.97 feet after 20 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Former Hydraulic Lift**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Concrete		
				SP		Sand, minor silt, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
			AEI-4-4'				1.7	
	5							
			AEI-4-7'			strong petroleum hydrocarbon odors and staining noted, sand increasing in density and moisture	1281	
						(after 20 mins) ▼		
			AEI-4-8.5'					
			AEI-4-10'				1329	
	10					(ATD) ▽		
				SP		Sand, dark olive grey, strong petroleum hydrocarbon odors and staining noted, wet		
			AEI-4-13'				1043	
						petroleum hydrocarbon odors and staining end, color back to yellowish brown		
			AEI-4-15'				239	
	15					Bottom of Boring at 15 feet bgs		

Figure

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Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-5

Sheet 1 of 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 Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **10.5 feet ATD, 7.68 feet after 20 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Existing Hydraulic Lift**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Concrete		
				SP		Sand, very minor silt, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown-brown		
	5		AEI-5-6.5'			sand increasing in density and moisture	4.1	
			AEI-5-8'			(after 20 mins)	2.4	
	10					(ATD)		
				SP		Sand, brown, very moist, no apparent odors or staining		
			AEI-5-12'				6.7	
						Bottom of Boring at 13 feet bgs		
	15		AEI-5-15'				1.7	

Figure

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Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-6

Sheet 1 of 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 **14 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **11.5 feet ATD, 7.8 feet after 20 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Former Hydraulic Lift**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Concrete		
				SP		Sand, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
			AEI-6-4'				3.1	
	5							
			AEI-6-6'				11.6	
						sand increasing in density and moisture		
			AEI-6-7'				105	
			AEI-6-8'			(after 20 mins) ▼		
						strong petroleum hydrocarbon odors and staining noted		
			AEI-6-10'				82	
	10					(ATD) ▽		
			AEI-6-12'	SP		Sand, dark olive grey, strong petroleum hydrocarbon odors and staining noted, wet	36.4	
						petroleum hydrocarbon odors and staining end, color back to yellowish brown		
			AEI-6-14'				32.3	
						Bottom of Boring at 14 feet bgs		
	15							

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Figure

Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-7

Sheet 1 of 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 **14 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **11 feet ATD, 7.95 feet after 20 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Former Hydraulic Lift**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Concrete		
				SP		Sand, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
			AEI-7-4'				4.1	
	5							
						sand increasing in density and moisture		
			AEI-7-7'				102	
						(after 20 mins) strong petroleum hydrocarbon odors and staining noted		
	10							
			AEI-7-11'				75	
				SP		(ATD) Sand, dark olive grey, strong petroleum hydrocarbon odors and staining noted, oily water noted in pores, wet		
						petroleum hydrocarbon odors and staining end, color back to yellowish brown		
			AEI-7-13'				57	
						Bottom of Boring at 14 feet bgs		
	15							

Figure

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Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-8

Sheet 1 of 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 **14 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **11 feet ATD, 7.54 feet after 20 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Former Hydraulic Lift**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Concrete		
				SP		Sand, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
			AEI-8-4'				12.8	
	5							
						sand increasing in density and moisture		
			AEI-8-7'				140	
						(after 20 mins) ▼		
						strong petroleum hydrocarbon odors and staining noted		
			AEI-8-9'				92	
	10							
			AEI-8-11'				81	
						(ATD) ▽		
				SP		Sand, dark olive grey, strong petroleum hydrocarbon odors and staining noted, oily water noted in pores, wet		
						petroleum hydrocarbon odors and staining end, color back to yellowish brown		
			AEI-8-14'				24.1	
						Bottom of Boring at 14 feet bgs		
	15							

Figure

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Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-9

Sheet 1 of 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 **14 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **10 feet ATD, 7.89 feet after 15 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Existing Hydraulic Lift**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Concrete		
				SP		Sand, very minor silt, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
	5		AEI-9-5'				4.7	
						sand increasing in density and moisture		
			AEI-9-7'				10.4	
			AEI-9-8'			(after 15 mins)		
	10			SP		(ATD) Sand, brown, very moist, no apparent odors or staining		
			AEI-9-11'				9.5	
			AEI-9-14'					
						Bottom of Boring at 14 feet bgs		
	15							

Figure

C:\Documents and Settings\laangel\Desktop\beustad tables\Logs\Buestad Logs.bgs [AEI geoprobe 15.tpl]

Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-10

Sheet 1 of 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 **15 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **9.5 feet ATD, 8.24 feet after 20 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Existing Hydraulic Lift**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Concrete		
				SP		Sand, very minor silt, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
			AEI-10-4'				2.1	
	5							
			AEI-10-6'			sand increasing in density and moisture	3.4	
			AEI-10-8'					
						(after 20 mins) ▼		
						(ATD) ▽		
			AEI-10-10'				1.4	
	10							
			AEI-10-12'	SP		Sand, yellowish brown, wet, no apparent odors or staining, slightly dense	4.7	
			AEI-10-15'					
	15					Bottom of Boring at 15 feet bgs		

Figure

C:\Documents and Settings\aangel\Desktop\beustad tables\Logs\Buestad Logs.bgs [AEI geoprobe 15.tpl]

Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-11

Sheet 1 of 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 **5 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control 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**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Concrete		
				SP		Sand, very minor silt, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
			AEI-11-3'				1.7	
			AEI-11-5'				<1	
	5					Bottom of Boring at 5 feet bgs		
	10							
	15							

Figure

C:\Documents and Settings\laangel\Desktop\beustad tables\Logs\Buestad Logs.bgs [AEI geoprobe 15.tpl]

Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-12

Sheet 1 of 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 **8 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control 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**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Concrete		
				SP		Sand, very minor silt, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
		X	AEI-12-3'				1.1	
	5	X	AEI-12-5'				1.5	
		X	AEI-12-8'			increasing in density and moisture	2.7	
						Bottom of Boring at 8 feet bgs		
	10							
	15							

Figure

C:\Documents and Settings\laangel\Desktop\beustad tables\Logs\Buestad Logs.bgs [AEI geoprobe 15.tpl]

Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-13

Sheet 1 of 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 **8 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control 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**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Concrete		
				SP		Sand, very minor silt, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
			AEI-13-3'				1.1	
			AEI-13-5'				1.5	
	5					increasing in density and moisture		
			AEI-13-8'				2.7	
						Bottom of Boring at 8 feet bgs		
	10							
	15							

Figure

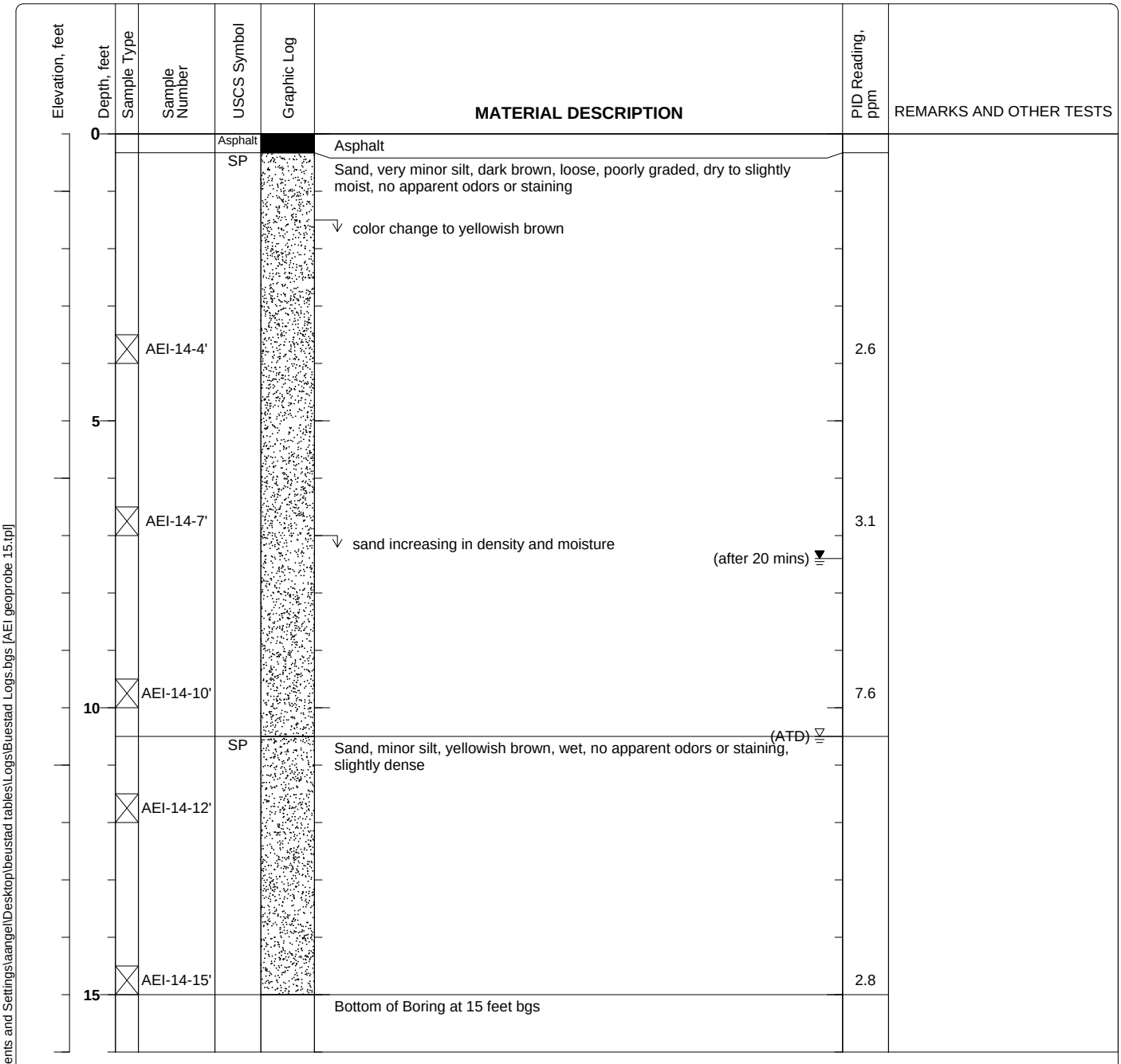
C:\Documents and Settings\laangel\Desktop\beustad tables\Logs\Buestad Logs.bgs [AEI geoprobe 15.tpl]

Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-14

Sheet 1 of 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 **15 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **10.5 feet ATD, 7.4 feet after 20 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Existing Gas UST**	



Figure

C:\Documents and Settings\laangel\Desktop\beustad tables\Logs\Buestad Logs.bgs [AEI geoprobe 15.tpl]

Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-15

Sheet 1 of 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 **15 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **9.5 feet ATD, 7.78 feet after 10 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Existing Gas UST**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Asphalt		Asphalt		
				SP		Sand, very minor silt, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
			AEI-15-4'					
	5							
			AEI-15-7'				3.1	
						sand increasing in density and moisture		
						slightly wet 7.5' - 8' bgs (perched?)		
						(after 10 mins) ▼		
						(ATD) ▽		
			AEI-15-10'	SP		Sand, minor silt, yellowish brown, wet, no apparent odors or staining, slightly dense	7.5	
	10							
			AEI-15-12'				4	
			AEI-15-15'					
	15					Bottom of Boring at 15 feet bgs		

Figure

C:\Documents and Settings\aangel\Desktop\beustad tables\Logs\Buestad Logs.bgs [AEI geoprobe 15.tpl]

Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-16

Sheet 1 of 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 **15 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **9 feet ATD, 7.93 feet after 20 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Existing Waste Oil UST**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Asphalt		
				SP		Sand, very minor silt, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
			AEI-16-4'				4.1	
	5							
			AEI-16-7'				2.8	
						sand increasing in density and moisture		
						(after 20 mins) ▼		
						(ATD) ▽		
				SP		Sand, minor silt, yellowish brown, wet, no apparent odors or staining, slightly dense		
	10		AEI-16-10'					
			AEI-16-12'				3.6	
			AEI-16-15'				3.0	
	15					Bottom of Boring at 15 feet bgs		

Figure

C:\Documents and Settings\laangel\Desktop\beustad tables\Logs\Buestad Logs.bgs [AEI geoprobe 15.tpl]

Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-17

Sheet 1 of 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 **15 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **10.5 feet ATD, 8.39 feet after 15 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Former Oil and Gas Area - Southwestern Corner**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Asphalt		
				SP		Sand, very minor silt, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
			AEI-17-4'				2.3	
	5							
			AEI-17-7'				4.9	
						sand increasing in density and moisture		
			AEI-17-8'				8.7	
						(after 15 mins) ▼		
			AEI-16-10'					
	10					(ATD) ▽		
				SP		Sand, minor silt, yellowish brown, wet, no apparent odors or staining, slightly dense		
			AEI-17-12'				10.7	
			AEI-17-15'					
	15					Bottom of Boring at 15 feet bgs		

Figure

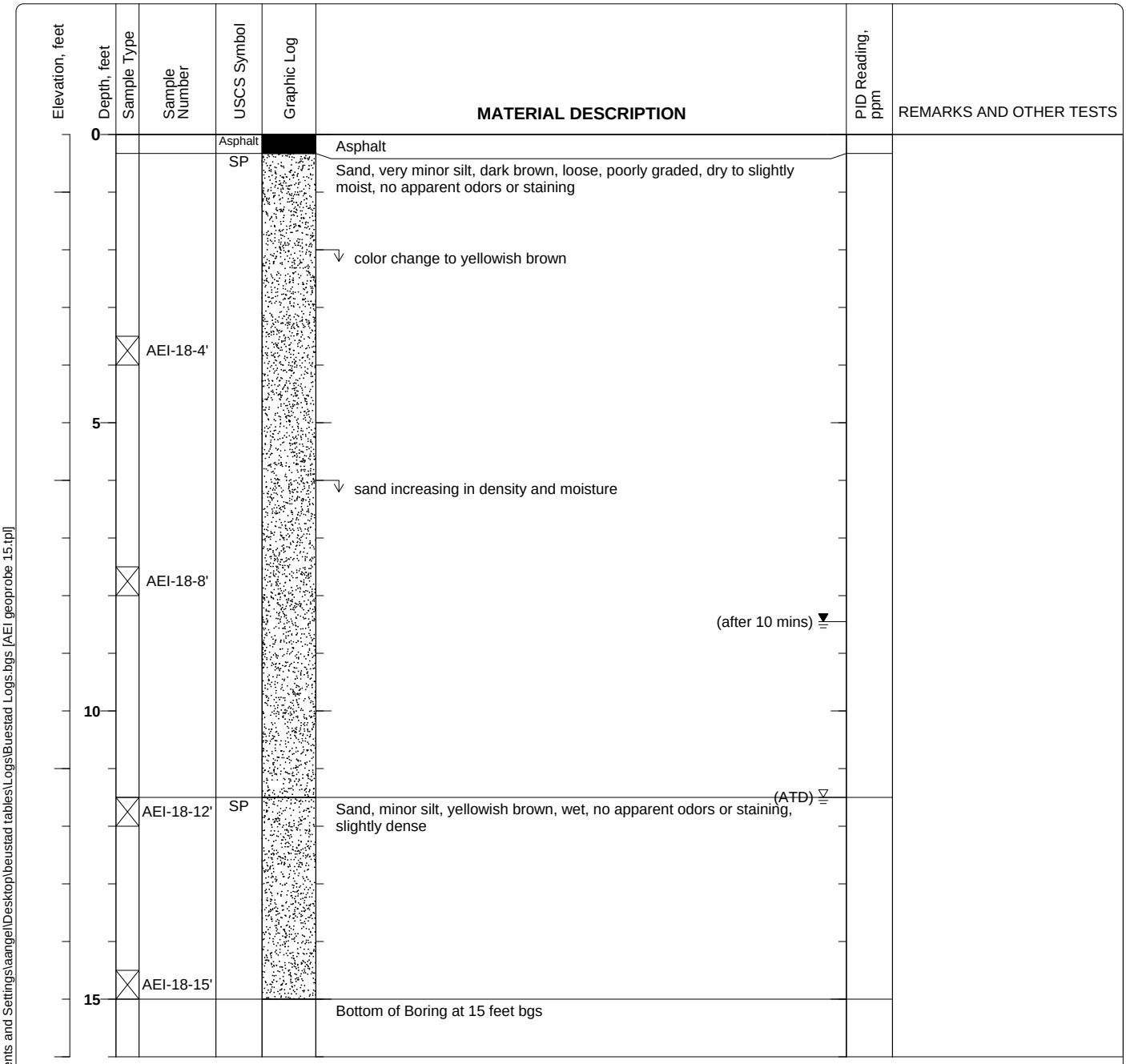
C:\Documents and Settings\aangel\Desktop\beustad tables\Logs\Buestad Logs.bgs [AEI geoprobe 15.tpl]

Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-18

Sheet 1 of 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 **15 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **11.5 feet ATD, 8.45 feet after 10 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Former Oil and Gas Area - Southwestern Corner**	



Figure

C:\Documents and Settings\aangel\Desktop\beustad tables\Logs\Buestad Logs.bgs [AEI geoprobe 15.tpl]

Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-19

Sheet 1 of 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 **15 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **9 feet ATD, 8.5 feet after 15 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Former Oil and Gas Area - Southwestern Corner**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Asphalt		Asphalt		
				SP		Sand, very minor silt, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
			AEI-19-4'				6.4	
	5					sand increasing in density and moisture		
			AEI-19-8'				4.4	
						(after 15 mins) ▼		
						(ATD) ▽		
	10							
			AEI-19-12'	SP		Sand, minor silt, yellowish brown, wet, no apparent odors or staining, slightly dense		
			AEI-19-15'				1.8	
	15					Bottom of Boring at 15 feet bgs		

Figure

C:\Documents and Settings\laangel\Desktop\beustad tables\Logs\Buestad Logs.bgs [AEI geoprobe 15.tpl]

APPENDIX B

Sample Analytical Data
With
Chain of Custody Documentation

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

Analytical Report

AEI Consultants	Client Project ID: #298931; 1600-1630 Park Street Alameda	Date Sampled: 07/25/11-07/26/11
		Date Received: 07/27/11
2500 Camino Diablo, Ste. #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

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.

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 798-1620 Fax: (925) 798-1622

1107771

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required? ☐ Yes ☐ No Email PDF Report: YES

Report To: Adrian Angel	Bill To: Same
Company: AEI Consultants	PO #: [illegible]
2500 Camino Diablo, Suite 200	
Walnut Creek, CA 94597	E-Mail: aangel@aeiconsultants.com
Tel: (408) 559-7600	Fax: (408) 559-7601
Project #:	Project Name:
Project Location: 1600 – 1630 Park Street, Alameda	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	Soil	Air	Sludge	Other	METHOD PRESERVED: Ice	HCl	HNO_3	Other
AEI-1-4'	Lift(former) existing	7/25/11	8:50A	1	A		X				X			
AEI-1-7'			8:55A		C									
AEI-1-8'			8:54A		e									
AEI-1-10'			9:05A		f									
AEI-1-12'			9:00A		g									
AEI-2-5'			9:20A		f									
AEI-2-7.5'			9:30A		C									
AEI-2-10'			10:00A											
AEI-2-13'			9:50A											
AEI-3-4'	Lift(former)		10:15A											
AEI-3-7'			10:18A											
AEI-3-8'			10:20A											
AEI-3-10'			10:55A											
AEI-3-12'			10:50A											

Analysis Request	Other	Comments
BTEX & TPH as Gas (602/8020 + 8015)		
TPH as Diesel (8015) w/ silica gel cleanup		
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		
EPA 625 / 8270		
PAH's / PNA's by EPA 625 / 8270 / 8310		
CAM-17 Metals		
Arsenic, copper, lead by EPA 6010 (TTLC)		
TPH-d by 8015 with silica gel clean up		
MBTEX by EPA 8021/8015		

Relinquished By:	Date:	Time:	Received By:
	7/27/11	1:00P	
Relinquished By:	Date:	Time:	Received By:
	7/27	1540	
Relinquished By:	Date:	Time:	Received By:

ICE/t° 5.4
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB

PRESERVATION APPROPRIATE CONTAINERS	VOAS	O&G	METALS	OTHER
PERSERVED IN LAB				

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required? ☐ Yes ☒ No Email PDF Report: YES

Report To: Adrian Angel	Bill To: Same
Company: AEI Consultants	PO #: ~~WC082808~~
2500 Camino Diablo, Suite 200	
Walnut Creek, CA 94597	E-Mail: aangel@aeiconsultants.com
Tel: (408) 559-7600	Fax: (408) 559-7601
Project #:	Project Name:
Project Location: 1600 – 1630 Park Street, Alameda	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
AEI-3-15'	Left (former)	7/25/11	10:58A	1	A		X				X			
AEI-4-4'			11:05A		c									
AEI-4-~~7~~6'			11:30A		e									
AEI-4-8.5'			11:25A		t									
AEI-4-10'			11:55A		g									
AEI-4-12'			11:~~5~~5A		t									
AEI-4-15'	↓		12:00P		e									
AEI-5-6.5	Left (existing)		12:30P											
AEI-5-8'			1:00P											
AEI-5-12'			12:45P											
AEI-5-15'	↓		1:10P											
AEI-6-4'	Left (former)		1:20P											
AEI-6-6'			1:25P											
AEI-6-7'	↓		—											

Analysis Request: BTEX & TPH as Gas (602/8020 + 8015); TPH as Diesel (8015) w/ silica gel cleanup; 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; EPA 625 / 8270; PAH's / PNA's by EPA 625 / 8270 / 8310; CAM-17 Metals; Arsenic, copper, lead by EPA 6010 (TTLC); TPH-d by 8015 with silica gel clean up; MBTEX by EPA 8021/8015

Other | Comments

	Date	Time	
Relinquished By:	7/27/11	1:00P	Received By:
Relinquished By:	7/27	1540	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 5.4
GOOD CONDITION ____
HEAD SPACE ABSENT ____
DECHLORINATED IN LAB ____

PRESERVATION APPROPRIATE	VOAS	O&G	METALS	OTHER
CONTAINERS				

PERSERVED IN LAB ____

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required? ☐ Yes ☒ No **Email PDF Report:** YES

Report To: Adrian Angel	**Bill To:** Same
Company: AEI Consultants	**PO #:** [illegible]
2500 Camino Diablo, Suite 200	
Walnut Creek, CA 94597	**E-Mail:** aangel@aeiconsultants.com
Tel: (408) 559-7600	**Fax:** (408) 559-7601
Project #:	**Project Name:**
Project Location: 1600 – 1630 Park Street, Alameda	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	Soil	Air	Sludge	Other	METHOD PRESERVED: Ice	HCl	HNO_3	Other
AEI-6-10'	Lift (former)	7/25/11	1:40P	1	A	X					X			
AEI-6-12'			1:35P		c									
AEI-6-14'			1:45P		e									
AEI-7-4'			2:00P		t									
AEI-7-7'			2:30P		a									
AEI-7-11'			2:10P		t									
AEI-7-13'			1		e									
AE-8-4'			2:35P											
AEI-8-7'			2:45P											
AEI-8-9'			3:00P											
AEI-8-11'			3:10P											
AEI-8-14'			3:15P											
AEI-9-5	Lift (existing)		3:50P											
AEI-9-7'			3:45P											

Relinquished By:	Date:	Time:	Received By:
	7/27/11	1:20P	
Relinquished By:	Date: 7/27	Time: 1540	Received By:
Relinquished By:	Date:	Time:	Received By:

Analysis Request

- BTEX & TPH as Gas (602/8020 + 8015)
- TPH as Diesel (8015) w/ silica gel cleanup
- 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
- EPA 625 / 8270
- PAH's / PNA's by EPA 625 / 8270 / 8310
- CAM-17 Metals
- Arsenic, copper, lead by EPA 6010 (TTLC)
- TPH-d by 8015 with silica gel clean up
- MBTEX by EPA 8021/8015

Other | **Comments**

ICE/t° 5.4
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____

	VOAS	O&G	METALS	OTHER
PRESERVATION				
APPROPRIATE				
CONTAINERS				
PERSERVED IN LAB				

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required? ☐ Yes ☒ No Email PDF Report: YES

Report To: Adrian Angel	Bill To: Same
Company: AEI Consultants	PO #: WC082800
2500 Camino Diablo, Suite 200	
Walnut Creek, CA 94597	E-Mail: aangel@aeiconsultants.com
Tel: (408) 559-7600	Fax: (408) 559-7601
Project #:	Project Name:
Project Location: 1600 – 1630 Park Street, Alameda	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED Ice	HCl	HNO_3	Other
AEI-9-8'	(Hillhouse)	7/25/11	3:30P	1	A		X				X			
AEI-9-11'			4:00P		C									
AEI-9-14'			4:10P		C									
AEI-10-4		7/26/11	9:40A		J									
AEI-10-6'			10:05A		J									
AEI-10-8'			10:06A		J									
AEI-10-10'			10:20A		C									
AEI-10-12'			10:10A											
AEI-10-15'			10:25A											
AEI-11-3'	Drain		8:58A											
AEI-11-5'			9:05A											
AEI-12-3'			8:15A											
AEI-12-5'			8:25A											
AEI-12-8'			8:20A											

Analysis Request

BTEX & TPH as Gas (602/8020 + 8015)	TPH as Diesel (8015) w/ silica gel cleanup	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	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	Arsenic, copper, lead by EPA 6010 (TTLC)	TPH-d by 8015 with silica gel clean up	MBTEX by EPA 8021/8015	Other	Comments
								X							TPH multi-range (gld/mw) / 8015 LUFT 5 metals	w/ silica gel cleanup
								X							X X	
								X							X X	

Relinquished By:	Date:	Time:	Received By:
	7/27/11	1:00P	
Relinquished By:	Date:	Time:	Received By:
	7/27/11	1540	
Relinquished By:	Date:	Time:	Received By:

ICE/t° 5.4
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB

PRESERVATION APPROPRIATE CONTAINERS

VOAS	O&G	METALS	OTHER

PERSERVED IN LAB

McCAMPBELL ANALYTICAL INC.
1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ ~~72 HR~~ ☒ 5 DAY

EDF Required? ☐ Yes ☒ No **Email PDF Report: YES**

Report To: Adrian Angel **Bill To:** Same
Company: AEI Consultants **PO #:** ~~WC082800~~
2500 Camino Diablo, Suite 200
Walnut Creek, CA 94597 **E-Mail:** aangel@aeiconsultants.com
Tel: (408) 559-7600 **Fax:** (408) 559-7601
Project #: **Project Name:**
Project Location: 1600 – 1630 Park Street, Alameda
Sampler Signature: [signature]

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
AEI-13-3'	Drain	7/26/11	8:00A	1	A		X				X			
AEI-13-5'	↓	↓	8:05A	↓	c		↓				↓			
AEI-13-8'	↓	↓	8:12A	↓	e		↓				↓			
AEI-14-4'	Existing USTs	↓	10:45A	↓	t		↓				↓			
AEI-14-7'	↓	↓	11:00A	↓	a		↓				↓			
AEI-14-10'	↓	↓	11:10A	↓	t		↓				↓			
AEI-14-12'	↓	↓	11:05A	↓	e		↓				↓			
AEI-14-15'	↓	↓	11:15A	↓	↓		↓				↓			
AEI-15-4'	↓	↓	11:30A	↓	↓		↓				↓			
AEI-15-7'	↓	↓	11:35A	↓	↓		↓				↓			
AEI-15-10'	↓	↓	11:55A	↓	↓		↓				↓			
AEI-15-12'	↓	↓	11:45A	↓	↓		↓				↓			
AEI-15-15'	↓	↓	12:00P	↓	↓		↓				↓			
AEI-16-4'	WD tank	↓	12:50P	↓	↓		↓				↓			

Analysis Request / Other / Comments

SAMPLE ID	BTEX & TPH as Gas (602/8020 + 8015) +MTBE	TPH as Diesel (8015) w/ silica gel cleanup	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)	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	Arsenic, copper, lead by EPA 6010 (TTLC)	TPH-d by 8015 with silica gel clean up	MBTEX by EPA 8021/8015	Other: TPH multirange (g/d/mo)/8015*	Other: LUFT5 metals/6010	Other	Comments: *w/ silica gel cleanup on diesel + mo
AEI-13-3'									X							X	X		
AEI-13-5'																			
AEI-13-8'																			
AEI-14-4'																			
AEI-14-7'	X																		
AEI-14-10'																			
AEI-14-12'																			
AEI-14-15'																			
AEI-15-4'																			
AEI-15-7'	X																		
AEI-15-10'																			
AEI-15-12'																			
AEI-15-15'																			
AEI-16-4'																			

Relinquished By:	Date:	Time:	Received By:
[signature]	7/26/11	1:00P	[signature]
[signature]	7/27	1540	[signature]

ICE/t° 5.4
GOOD CONDITION____
HEAD SPACE ABSENT____
DECHLORINATED IN LAB____
PRESERVATION ____ VOAS | O&G | METALS | OTHER
APPROPRIATE CONTAINERS____
PERSERVED IN LAB____

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required? ☐ Yes ☐ No | Email PDF Report: (YES)

Report To: Adrian Angel	Bill To: Same
Company: AEI Consultants	PO #: WC082800
2500 Camino Diablo, Suite 200	
Walnut Creek, CA 94597	E-Mail: aangel@aeiconsultants.com
Tel: (408) 559-7600	Fax: (408) 559-7601
Project #:	Project Name:
Project Location: 1600 – 1630 Park Street, Alameda	
Sampler Signature: [signature]	

Analysis Request columns: BTEX & TPH as Gas (602/8020 + 8015); TPH as Diesel (8015) w/ silica gel cleanup; 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); EPA 625 / 8270; PAH's / PNA's by EPA 625 / 8270 / 8310; CAM-17 Metals; Arsenic, copper, lead by EPA 6010 (TTLC); TPH-d by 8015 with silica gel clean up; MBTEX by EPA 8021/8015

Other: TPH multi-range (g/d/mo)/8015; LUFT 5 metals/6010; MBTEX (8021); Lead (6010)

Comments: w/ silica gel clean up on all d/mo

SAMPLE ID (Field Point Name)	LOCATION	Date	Time	# Containers	Type Containers	Matrix: Soil	Preserved: Ice	VOCs EPA 8260	TPH multi-range/8015	LUFT 5 metals/6010	MBTEX (8021)	Lead (6010)
AEI-16-7'	W/O tank	7/26/11	1:00P	1	A	X	X	X	X	X		
AEI-16-10'	↓	↓	1:05P	↓	C	↓	↓					
AEI-16-12'	↓	↓	1:10P	↓	S	↓	↓					
AEI-16-15'	↓	↓	1:15P	↓	T	↓	↓					
AEI-17-4'	Oil/Gas Area	↓	2:10P	↓	S	↓	↓					
AEI-17-7'	↓	↓	2:20P	↓	T	↓	↓					
AEI-17-8'	↓	↓	2:25P	↓	C	↓	↓		X		X	X
AEI-17-12'	↓	↓	2:30P	↓	↓	↓	↓					
AEI-17-15'	↓	↓	—	↓	↓	↓	↓					
AEI-18-4'	↓	↓	3:10P	↓	↓	↓	↓					
AEI-18-8'	↓	↓	4:00P	↓	↓	↓	↓		X		X	X
°AEI-18-12'	↓	↓	3:58P	↓	↓	↓	↓					
°AEI-18-15	↓	↓	4:06P	↓	↓	↓	↓					
AEI-19-4'	↓	↓	4:10P	↓	↓	↓	↓					

Relinquished By:	Date:	Time:	Received By:
[signature]	7/27/11	1:00P	[signature]
[signature]	7/27/11	1540	[signature]

ICE/t° 5.4
GOOD CONDITION ____
HEAD SPACE ABSENT ____
DECHLORINATED IN LAB ____

PRESERVATION | VOAS | O&G | METALS | OTHER
APPROPRIATE CONTAINERS ____
PERSERVED IN LAB ____

°recieved two samples labeled AEI-18-12 per A.A. 18-12 350 was changed to 18-15

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required? ☐ Yes ☐ No **Email PDF Report: YES**

Report To: Adrian Angel	**Bill To:** Same
Company: AEI Consultants	**PO #:** ~~W2082300~~
2500 Camino Diablo, Suite 200	
Walnut Creek, CA 94597	**E-Mail:** aangel@aeiconsultants.com
Tel: (408) 559-7600	**Fax:** (408) 559-7601
Project #:	**Project Name:**
Project Location: 1600 – 1630 Park Street, Alameda	
Sampler Signature:	

	SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED Ice	HCl	HNO_3	Other
	AEI-19-8'	Oil/Gas	7/26/11	4:15P	1	Acc		X				X			
	AEI-19-12'	Area		4:20P		↓		↕							
	AEI-19-15'	↓	↓	4:45P	↓	↓		↓							
+1	AEI-1-W		7/25/11	9:15A	5	VOA	X								
+	AEI-2-W			10:10A	5	↕	↕								
+	AEI-3-W			11:00A	5										
+	AEI-4-W			12:10P	5										
+	AEI-5-W			1:30P	5										
+1	AEI-6-W			2:15P	5										
+10	AEI-7-W			1:57	5										
+	AEI-8-W			3:30P	5										
+	AEI-9-W		↓	4:30P	5										
+1	AEI-10-W		7/26/11	10:20A	5										
+10	AEI-14-W		" "	11:30A	4	↓	↓					↓			

Relinquished By:	Date:	Time:	Received By:
	7/27/11	1:00P	Dirk Cave
Dirk Cave	7/27	1540	

ICE/t° 5.4
GOOD CONDITION____
HEAD SPACE ABSENT____
DECHLORINATED IN LAB____

	VOAS	O&G	METALS	OTHER
PRESERVATION				
APPROPRIATE CONTAINERS				

PERSERVED IN LAB____

Analysis Request	Other	Comments
BTEX & TPH as Gas (602/8020 + 8015) + MTBE	TPH multi-range (gld/mo) 8015	* Silica gel Cleanup on all diesel + motor oil.
TPH as Diesel (8015) w/ silica gel cleanup	MBTEX (8021)	
Total Petroleum Oil & Grease (5520 E&F/B&F)	Lead 6010	
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*		
EPA 625 / 8270		
PAH's / PNA's by EPA 625 / 8270 / 8310		
CAM-17 Metals		
Arsenic, copper, lead by EPA 6010 (TTLC)		
TPH-d by 8015 with silica gel clean up		
MBTEX by EPA 8021/8015		

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required? ☐ Yes ☒ No **Email PDF Report:** YES

Report To: Adrian Angel	**Bill To:** Same
Company: AEI Consultants	**PO #:** ~~WC082500~~
2500 Camino Diablo, Suite 200	
Walnut Creek, CA 94597	**E-Mail:** aangel@aeiconsultants.com
Tel: (408) 559-7600	**Fax:** (408) 559-7601
Project #:	**Project Name:**
Project Location: 1600 – 1630 Park Street, Alameda	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	Soil	Air	Sludge	Other	METHOD PRESERVED: Ice	HCl	HNO_3	Other
AEI-15-W		7/26/11	1:40P	5	VOA	X					X			
AEI-16-W			—	7	VOA									
AEI-17-W			3:00P	4	VOA									
AEI-18-W			3:35P	4										
AEI-19-W			4:10	4	↓	↓					↓			

Analysis Request	Other	Comments
BTEX & TPH as Gas (602/8020 + 8015) + MTBE	TPH multirange (gld/mo) 8015*	* with Silica gel cleanup on gld/mo
TPH as Diesel (8015) w/ silica gel cleanup	MBTEX (8021)	
Total Petroleum Oil & Grease (5520 E&F/B&F)	CAM 17 metals (dissolved)	
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)	X	
EPA 625 / 8270		
PAH's / PNA's by EPA 625 / 8270 / 8310		
CAM-17 Metals		
Arsenic, copper, lead by EPA 6010 (TTLC)		
TPH-d by 8015 with silica gel clean up		
MBTEX by EPA 8021/8015		

Relinquished By:	Date:	Time:	Received By:
	7/27/11	1:00P	
Relinquished By:	Date:	Time:	Received By:
	7/27	1546	
Relinquished By:	Date:	Time:	Received By:

ICE/t° 5.4
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB

PRESERVATION	VOAS	O&G	METALS	OTHER
APPROPRIATE CONTAINERS				
PERSERVED IN LAB				

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1107771 **ClientCode: AEL**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Adrian Angel
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
(925) 283-6000 FAX: (925) 944-2895

Email: aangel@aeiconsultants.com
cc:
PO: #WC083212
ProjectNo: #298931; 1600-1630 Park Street Alameda

Bill to:
Sara Guerin
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
sguerin@aeiconsultants.com

Requested TAT: 5 days

Date Received: **07/27/2011**
Date Printed: **08/03/2011**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1107771-011	AEI-3-7'	Soil	7/25/2011 10:18	☐									A			
1107771-013	AEI-3-10'	Soil	7/25/2011 10:55	☐	A											
1107771-014	AEI-3-12'	Soil	7/25/2011 10:50	☑	A											
1107771-017	AEI-4-7'	Soil	7/25/2011 11:30	☐									A			
1107771-019	AEI-4-10'	Soil	7/25/2011 11:55	☐	A											
1107771-028	AEI-6-7'	Soil	7/25/2011	☐									A			
1107771-029	AEI-6-10'	Soil	7/25/2011 13:40	☐	A											
1107771-033	AEI-7-7'	Soil	7/25/2011 14:20	☐									A			
1107771-034	AEI-7-11'	Soil	7/25/2011 14:10	☐	A											
1107771-037	AEI-8-7'	Soil	7/25/2011 14:25	☐									A			
1107771-039	AEI-8-11'	Soil	7/25/2011 15:10	☐	A											
1107771-052	AEI-11-3'	Soil	7/26/2011 8:58	☐		A				A			A			
1107771-054	AEI-12-3'	Soil	7/26/2011 8:15	☐		A				A			A			
1107771-057	AEI- 13-3'	Soil	7/26/2011 8:00	☐		A				A			A			

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.

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.

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1107771 **ClientCode: AEL**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Adrian Angel
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
(925) 283-6000 FAX: (925) 944-2895

Email: aangel@aeiconsultants.com
cc:
PO: #WC083212
ProjectNo: #298931; 1600-1630 Park Street Alameda

Bill to:
Sara Guerin
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
sguerin@aeiconsultants.com

Requested TAT: 5 days

Date Received: **07/27/2011**
Date Printed: **08/03/2011**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					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	☐				A								
1107771-071	AEI-16-7'	Soil	7/26/2011 13:00	☐		A				A			A			
1107771-077	AEI-17-8'	Soil	7/26/2011 14:25	☐				A				A	A			
1107771-081	AEI-18-8'	Soil	7/26/2011 16:00	☐				A				A	A			
1107771-085	AEI-19-8'	Soil	7/26/2011 16:15	☐				A				A	A			
1107771-088	AEI-1-W	Water	7/25/2011 9:15	☐					A							
1107771-089	AEI-2-W	Water	7/25/2011 10:10	☐					A							
1107771-090	AEI-3-W	Water	7/25/2011 11:00	☐					A							
1107771-091	AEI-4-W	Water	7/25/2011 12:10	☐					A							
1107771-092	AEI-5-W	Water	7/25/2011 13:30	☐					A							
1107771-093	AEI-6-W	Water	7/25/2011 14:15	☐					A							
1107771-094	AEI-7-W	Water	7/25/2011 13:57	☐					A							
1107771-095	AEI-8-W	Water	7/25/2011 15:30	☐					A							

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.

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.

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1107771 **ClientCode: AEL**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Adrian Angel
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
(925) 283-6000 FAX: (925) 944-2895

Email: aangel@aeiconsultants.com
cc:
PO: #WC083212
ProjectNo: #298931; 1600-1630 Park Street Alameda

Bill to:
Sara Guerin
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
sguerin@aeiconsultants.com

Requested TAT: 5 days

Date Received: **07/27/2011**
Date Printed: **08/03/2011**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1107771-096	AEI-9-W	Water	7/25/2011 16:30	☐					A							
1107771-097	AEI-10-W	Water	7/26/2011 10:20	☐					A							
1107771-098	AEI-14-W	Water	7/26/2011 11:30	☐					A							
1107771-099	AEI-15-W	Water	7/26/2011 13:40	☐					A							
1107771-100	AEI-16-W	Water	7/26/2011	☐			A		B		C					
1107771-101	AEI-17-W	Water	7/26/2011 15:00	☐					A					B		
1107771-102	AEI-18-W	Water	7/26/2011 15:35	☐					A					B		
1107771-103	AEI-19-W	Water	7/26/2011 16:10	☐					A					B		

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.

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.

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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 Park Street Alameda**
Checklist completed and reviewed by: Zoraida Cortez

WorkOrder N°: **1107771** Matrix: Soil/Water
Carrier: Derik Cartan (MAI Courier)

Chain of Custody (COC) Information

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

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 5.4°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments: Two sample ID's with AEI-18-12

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

AEI Consultants	Client Project ID: #298931; 1600-1630 Park Street Alameda	Date Sampled: 07/26/11
		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)*

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

Lab ID	1107771-052A
Client ID	AEI-11-3'
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:	91	%SS2:	103
%SS3:	94		

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.

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AEI Consultants	Client Project ID: #298931; 1600-1630 Park Street Alameda	Date Sampled: 07/26/11
		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

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

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

Lab ID	1107771-054A
Client ID	AEI-12-3'
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:	103
%SS3:	99		

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.

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AEI Consultants	Client Project ID: #298931; 1600-1630 Park Street Alameda	Date Sampled: 07/26/11
		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

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		

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.

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AEI Consultants	Client Project ID: #298931; 1600-1630 Park Street Alameda	Date Sampled: 07/26/11
		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

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		

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.

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

AEI Consultants	Client Project ID: #298931; 1600-1630 Park Street Alameda	Date Sampled: 07/26/11
		Date Received: 07/27/11
2500 Camino Diablo, Ste. #200	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				

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

Comments: b1

* 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

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2500 Camino Diablo, Ste. #200		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

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS	Comments
052A	AEI-11-3'	S	ND	1	90	
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
089A	AEI-2-W	W	ND	1	108	
090A	AEI-3-W	W	11,000	10	105	d1,b6
091A	AEI-4-W	W	200,000	100	112	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	1	103	
096A	AEI-9-W	W	ND	1	102	
097A	AEI-10-W	W	ND	1	102	b1
100B	AEI-16-W	W	ND	1	104	b1

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

* water and vapor samples are reported 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 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:
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

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AEI Consultants	Client Project ID: 1600-1630 Park Street Alameda	Date Sampled: 07/26/11
2500 Camino Diablo, Ste. #200		Date Received: 07/27/11
	Client Contact: Adrian Angel	Date Extracted: 07/27/11-07/29/11
Walnut 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 method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 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

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	µg/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples are reported 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 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:
b1) aqueous sample that contains greater than ~1 vol. % sediment

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2500 Camino Diablo, Ste. #200	Client Contact: Adrian Angel	Date Extracted: 07/27/11
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed: 07/28/11

LUFT 5 Metals*

Extraction method: SW3050B Analytical methods: SW6010B Work Order: 1107771

Lab ID	Client ID	Matrix	Extraction Type	Cadmium	Chromium	Lead	Nickel	Zinc	DF	% SS	Comments
052A	AEI-11-3'	S	TOTAL	ND	60	ND	24	16	1	103	
054A	AEI-12-3'	S	TOTAL	ND	31	ND	15	10	1	100	
057A	AEI- 13-3'	S	TOTAL	ND	29	ND	14	9.7	1	100	
071A	AEI-16-7'	S	TOTAL	ND	54	ND	48	27	1	101	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	NA	NA	NA	NA	NA
	S	TOTAL	1.5	1.5	5.0	1.5	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 µm filtered and acidified sample.

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

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		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.:	Date Analyzed: 07/28/11

LUFT 5 Metals*

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

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 above the reporting limit	W	DISS.	0.25	0.5	0.5	0.5	5.0	µg/L
	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 µm filtered and acidified sample.

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

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

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Walnut Creek, CA 94597	Client P.O.:	Date Analyzed: 07/28/11

Lead by ICP*

Extraction method: SW3050B Analytical methods: SW6010B Work Order: 1107771

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 above the reporting limit	W	TOTAL	NA	µg/L
	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 µm filtered and acidified sample.

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

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		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: 07/30/11-08/03/11

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3510C/3630C/SW3550B/363 Analytical methods: SW8015B Work Order: 1107771

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	ND	ND	1	88	b1
1107771-089A	AEI-2-W	W	ND	ND	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	40	---#	e7,e2,e11,b6,b1
1107771-095A	AEI-8-W	W	1600	3800	10	80	e7,e2

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

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

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

%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 (?)

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Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3510C/3630C/SW3550B/363 Analytical 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 above the reporting limit	W	50	250	µg/L
	S	1.0	5.0	mg/Kg

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

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

%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:
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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 (?)

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QC SUMMARY REPORT FOR SW8260B

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

EPA Method: SW8260B **Extraction: SW5030B** **Spiked Sample ID: 1107682-011a**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	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.

DHS ELAP Certification 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8260B

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

EPA Method: SW8260B **Extraction: SW5030B** **Spiked Sample ID: 1107758-009B**

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
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	07/26/11	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.

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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.

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QC SUMMARY REPORT FOR SW8021B/8015Bm

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

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1107771-098A**

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	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.

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QC SUMMARY REPORT FOR SW8021B/8015Bm

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

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1107771-085A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	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.

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QC SUMMARY REPORT FOR 6010B

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

EPA Method: SW6010B		Extraction: SW3050B			BatchID: 59951			Spiked Sample ID: 1107632-009A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	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.

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QC SUMMARY REPORT FOR E200.8

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

EPA Method: E200.8 **Extraction: E200.8** **Spiked Sample ID: 1107663-002A**

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
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:
NONE

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.

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QC SUMMARY REPORT FOR 6010B

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

EPA Method: SW6010B		Extraction: SW3050B				BatchID: 59951				Spiked Sample ID: 1107632-009A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	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.

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QC SUMMARY REPORT FOR 6010B

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

EPA Method: SW6010B		Extraction: SW3050B				BatchID: 60050				Spiked Sample ID: 1107771-085A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	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.

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

QC SUMMARY REPORT FOR SW8015B

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

EPA Method: SW8015B **Extraction: SW3550B/3630C** **Spiked Sample ID: 1107752-002A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-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.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

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

QC SUMMARY REPORT FOR SW8015B

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

EPA Method: SW8015B **Extraction: SW3510C/3630C** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-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

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

Analytical Report

AEI Consultants	Client Project ID: #298931; 1600-1630 Park Street Alameda	Date Sampled: 07/25/11
		Date Received: 07/27/11
2500 Camino Diablo, Ste. #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.

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 798-1620 Fax: (925) 798-1622

1107771

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required? ☐ Yes ☐ No Email PDF Report: YES

Report To: Adrian Angel	Bill To: Same
Company: AEI Consultants	PO #: ~~WC0082800~~
2500 Camino Diablo, Suite 200	
Walnut Creek, CA 94597	E-Mail: aangel@aeiconsultants.com
Tel: (408) 559-7600	Fax: (408) 559-7601
Project #:	Project Name:
Project Location: 1600 – 1630 Park Street, Alameda	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED Ice	HCl	HNO_3	Other
AEI-1-4'	Liftl(former) existing	7/25/11	8:50A	1	A	X					X			
AEI-1-7'			8:55A		C									
AEI-1-8'			8:54A		e									
AEI-1-10'			9:05A		t									
AEI-1-12'			9:00A		g									
AEI-2-5'			9:20A		t									
AEI-2-7.5'			9:30A		C									
AEI-2-10'			10:00A											
AEI-2-13'			9:50A											
AEI-3-4'	Liftl(former)		10:15A											
AEI-3-7'			10:17A											
AEI-3-8'			10:20A											
AEI-3-10'			10:55A											
AEI-3-12'			10:50A											

Relinquished By:	Date:	Time:	Received By:
	7/25/11	1:00P	
Relinquished By:	Date:	Time:	Received By:
	7/27	1540	
Relinquished By:	Date:	Time:	Received By:

Analysis Request	Other	Comments
BTEX & TPH as Gas (602/8020 + 8015)		
TPH as Diesel (8015) w/ silica gel cleanup		
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 added 7/25/11 sdm		
VOCs EPA 624 / 8260		
EPA 625 / 8270		
PAH's / PNA's by EPA 625 / 8270 / 8310		
CAM-17 Metals		
Arsenic, copper, lead by EPA 6010 (TTLC)		
TPH-d by 8015 with silica gel clean up		
MBTEX by EPA 8021/8015		
	Multi Range w/SG 7/25/11 sdm	
	⊗	
X		
X MV		

ICE/t° 5.4
GOOD CONDITION____
HEAD SPACE ABSENT____
DECHLORINATED IN LAB____

PRESERVATION APPROPRIATE	VOAS	O&G	METALS	OTHER
CONTAINERS				

PERSERVED IN LAB____

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required? ☐ Yes ☒ No Email PDF Report: YES

Report To: Adrian Angel Bill To: Same
Company: AEI Consultants PO #: WC082800A
2500 Camino Diablo, Suite 200
Walnut Creek, CA 94597 E-Mail: aangel@aeiconsultants.com
Tel: (408) 559-7600 Fax: (408) 559-7601
Project #: Project Name:
Project Location: 1600 – 1630 Park Street, Alameda
Sampler Signature: [signature]

SAMPLE ID (Field Point Name)	LOCATION	Sampling Date	Sampling Time	# Containers	Type Containers	Water	Soil	Air	Sludge	Other	Ice	HCl	HNO_3	Other
AEI-3-15'	Lift (former)	7/25/11	10:58A	1	Acetate		X				X			
AEI-4-4'	↓	↓	11:05A	↓	↓		↓				↓			
AEI-4-[illegible]'	↓	↓	11:30A	↓	↓		↓				↓			
AEI-4-8.5'	↓	↓	11:25A	↓	↓		↓				↓			
AEI-4-10'	↓	↓	11:55A	↓	↓		↓				↓			
AEI-4-12'	↓	↓	11:45A	↓	↓		↓				↓			
AEI-4-15'	↓	↓	12:00P	↓	↓		↓				↓			
AEI-5-6.5'	Lift (existing)	↓	12:30P	↓	↓		↓				↓			
AEI-5-8'	↓	↓	1:00P	↓	↓		↓				↓			
AEI-5-12'	↓	↓	12:45P	↓	↓		↓				↓			
AEI-5-15'	↓	↓	1:10P	↓	↓		↓				↓			
AEI-6-4'	Lift (former)	↓	1:20P	↓	↓		↓				↓			
AEI-6-6'	↓	↓	1:25P	↓	↓		↓				↓			
AEI-6-7'	↓	↓	—	↓	↓		↓							

Analysis Request:

SAMPLE ID	BTEX & TPH as Gas (602/8020 + 8015)	TPH as Diesel (8015) w/ silica gel cleanup	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 (7/25/11 Sdey)	VOCs EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	Arsenic, copper, lead by EPA 6010 (TTLC)	TPH-d by 8015 with silica gel clean up	MBTEX by EPA 8021/8015	Other: Multi Range w/sg 7/25/11 Sdey	Other	Other	Other	Comments
AEI-3-15'																				
AEI-4-4'																				
AEI-4-[illegible]'																X				
AEI-4-8.5'																				
AEI-4-10'								X												
AEI-4-12'																				
AEI-4-15'																				
AEI-5-6.5'																				
AEI-5-8'																				
AEI-5-12'																				
AEI-5-15'																				
AEI-6-4'																				
AEI-6-6'																				
AEI-6-7'																X				

Relinquished By:	Date:	Time:	Received By:
[signature]	7/26/11	1:50P	[signature]
[signature]	7/27	1550	[signature]

ICE/t° 5.4
GOOD CONDITION____
HEAD SPACE ABSENT____
DECHLORINATED IN LAB____

PRESERVATION	VOAS	O&G	METALS	OTHER

APPROPRIATE CONTAINERS____
PERSERVED IN LAB____

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required? ☐ Yes ☒ No Email PDF Report: YES

Report To: Adrian Angel Bill To: Same
Company: AEI Consultants PO #: WC082800
2500 Camino Diablo, Suite 200
Walnut Creek, CA 94597 E-Mail: aangel@aeiconsultants.com
Tel: (408) 559-7600 Fax: (408) 559-7601
Project #: Project Name:
Project Location: 1600 – 1630 Park Street, Alameda
Sampler Signature: [signature]

SAMPLE ID (Field Point Name)	LOCATION	Sampling Date	Sampling Time	# Containers	Type Containers	Matrix	Method Preserved	PCBs EPA 608 / 8080 (7/25/11 5day)	Multi Range w/SG (7/25/11 5day)	Comments
AEI-6-10'	Lift (former)	7/25/11	1:40P	1	Acetate	Soil	Ice	X		
AEI-6-12'	↓	↓	1:35P	↓	↓	↓	↓			
AEI-6-14'			1:45P							
AEI-7-4'			2:00P							
AEI-7-7'			2:20P						X	
AEI-7-11'			2:10P					X		
AEI-7-13'			—							
AEI-8-4'			2:35P							
AEI-8-7'			2:45P						X	
AEI-8-9'			3:00P							
AEI-8-11'			3:10P					X		
AEI-8-14'			3:15P							
AEI-9-5	Lift (existing)		3:58P							
AEI-9-7'	↓	↓	3:45P	↓	↓	↓	↓			

Analysis Request columns with no entries: BTEX & TPH as Gas (602/8020 + 8015); TPH as Diesel (8015) w/ silica gel cleanup; 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; VOCs EPA 624 / 8260; EPA 625 / 8270; PAH's / PNA's by EPA 625 / 8270 / 8310; CAM-17 Metals; Arsenic, copper, lead by EPA 6010 (TTLC); TPH-d by 8015 with silica gel clean up; MBTEX by EPA 8021/8015

Matrix columns: Water, Soil, Air, Sludge, Other. Method Preserved columns: Ice, HCl, HNO_3, Other.

Relinquished By:	Date:	Time:	Received By:
[signature]	7/29/11	1:08P	[signature]
[signature]	7/27	1540	[signature]

ICE/t° 5.4
GOOD CONDITION ____
HEAD SPACE ABSENT ____
DECHLORINATED IN LAB ____
PRESERVATION | VOAS | O&G | METALS | OTHER
APPROPRIATE CONTAINERS ____
PERSERVED IN LAB ____

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1107771 A **ClientCode: AEL**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Adrian Angel
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
(925) 746-6000 FAX: (925) 746-6099

Email: aangel@aeiconsultants.com
cc:
PO:
ProjectNo: 1600-1630 Park Street Alameda

Bill to:
Sara Guerin
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
sguerin@aeiconsultants.com

Requested TAT: 5 days
Date Received: **07/27/2011**
Date Add-On: **07/28/2011**
Date Printed: **07/29/2011**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1107771-011	AEI-3-7'	Soil	7/25/2011 10:18	☐		A	A									
1107771-013	AEI-3-10'	Soil	7/25/2011 10:55	☐	A											
1107771-017	AEI-4-7'	Soil	7/25/2011 11:30	☐		A	A									
1107771-019	AEI-4-10'	Soil	7/25/2011 11:55	☐	A											
1107771-028	AEI-6-7'	Soil	7/25/2011	☐		A	A									
1107771-029	AEI-6-10'	Soil	7/25/2011 13:40	☐	A											
1107771-033	AEI-7-7'	Soil	7/25/2011 14:20	☐		A	A									
1107771-034	AEI-7-11'	Soil	7/25/2011 14:10	☐	A											
1107771-037	AEI-8-7'	Soil	7/25/2011 14:25	☐		A	A									
1107771-039	AEI-8-11'	Soil	7/25/2011 15:10	☐	A											

Test Legend:

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.

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

AEI Consultants	Client Project ID: #298931; 1600-1630 Park Street Alameda	Date Sampled: 07/25/11
		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: 07/28/11-07/30/11

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

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

Lab ID	1107771-013A	1107771-019A	1107771-029A	1107771-034A	Reporting Limit for DF =1	
Client ID	AEI-3-10'	AEI-4-10'	AEI-6-10'	AEI-7-11'		
Matrix	S	S	S	S		
DF	20	5	1	10	S	W
Compound	**Concentration**				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
Surrogate 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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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

AEI Consultants	Client Project ID: #298931; 1600-1630 Park Street Alameda	Date Sampled: 07/25/11
		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: 07/28/11-07/30/11

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

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

					Reporting Limit for DF =1	
Lab ID	1107771-039A					
Client ID	AEI-8-11'					
Matrix	S					
DF	1				S	W
Compound	**Concentration**				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
Aroclor1260	ND				0.05	NA
PCBs, total	ND				0.05	NA
Surrogate Recoveries (%)						
%SS:	90					
Comments						

* 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

DHS ELAP Certification 1644

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: 1600-1630 Park Street Alameda	Date Sampled: 07/25/11
		Date Received: 07/27/11
2500 Camino Diablo, Ste. #200	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 *

Extraction method: SW5030B Analytical methods: SW8015Bm Work Order: 1107771

Lab ID	Client ID	Matrix	TPH(g)	DF	% 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
033A	AEI-7-7'	S	100	20	90	d7
037A	AEI-8-7'	S	ND	1	85	

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

* water and vapor samples are reported 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 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

DHS ELAP Certification 1644

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; 1600-1630 Park Street Alameda	Date Sampled: 07/25/11
		Date Received: 07/27/11
2500 Camino Diablo, Ste. #200	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: SW3550B/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 above the reporting limit	W	NA	NA	ug/L
	S	1.0	5.0	mg/Kg

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

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

%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:
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 (?)

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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QC SUMMARY REPORT FOR SW8082

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

EPA Method: SW8082 **Extraction: SW3550B** **Spiked Sample ID: 1107754-015A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/kg	mg/kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
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.

DHS ELAP Certification 1644 QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

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

QC SUMMARY REPORT FOR SW8021B/8015Bm

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

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1107771-085A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	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.

DHS ELAP Certification 1644 QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

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QC SUMMARY REPORT FOR SW8015B

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

EPA Method: SW8015B **Extraction: SW3550B/3630C** **Spiked Sample ID: 1107771-037A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-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.

DHS ELAP Certification 1644 _____ QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

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

Analytical Report

AEI Consultants	Client Project ID: #298931; 1600-1630 Park Street Alameda	Date Sampled: 07/26/11
		Date Received: 07/27/11
2500 Camino Diablo, Ste. #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

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565

Telephone: (925) 798-1620   Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ ~~72 HR~~ ☒ 5 DAY

EDF Required? ☐ Yes ☒ No   Email PDF Report: YES

Report To: Adrian Angel   Bill To: Same

Company: AEI Consultants   PO #: ~~WC082900~~

2500 Camino Diablo, Suite 200

Walnut Creek, CA 94597   E-Mail: aangel@aeiconsultants.com

Tel: (408) 559-7600   Fax: (408) 559-7601

Project #:   Project Name:

Project Location: 1600 – 1630 Park Street, Alameda

Sampler Signature: [signature]

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	BTEX & TPH as Gas (602/8020 + 8015) + MTBE	TPH as Diesel (8015) w/ silica gel cleanup	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)	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	Arsenic, copper, lead by EPA 6010 (TTLC)	TPH-d by 8015 with silica gel clean up	MBTEX by EPA 8021/8015	Other: TPH multirange (g/d/mo)/8015*	Other: LUFT5 metals/6010	Other: TAME/ETBE/DIPE/TBA/EtOH+HDSca	Other: Lead	Comments
AEI-13-3'	Drain	7/26/11	8:00A	1	A		X				X												X							X	X			*w/ silica gel cleanup on diesel + mo
AEI-13-5'			8:05A		c																													
AEI-13-8'			8:12A		e																													
AEI-14-4'	Existing USTs		10:45A		t																													
AEI-14-7'			11:00A												X																	X	X	
AEI-14-10'			11:10A		a																													
AEI-14-12'			11:05A		t																													
AEI-14-15'			11:15A		e																													
AEI-15-4'			11:30A																															
AEI-15-7'			11:35A												X																	X	X	
AEI-15-10'			11:55A																															
AEI-15-12'			11:45A																															
AEI-15-15'			12:00P																															
AEI-16-4'	WD tank		12:50P																															

Relinquished By:	Date:	Time:	Received By:
[signature]	7/26/11	1:00P	[signature]
[signature]	7/27	1540	[signature]

added 8/2/11 5 day

ICE/t° 5.4

GOOD CONDITION ____
HEAD SPACE ABSENT ____
DECHLORINATED IN LAB ____

	VOAS	O&G	METALS	OTHER
PRESERVATION				

APPROPRIATE CONTAINERS ____
PERSERVED IN LAB ____

McCAMPBELL ANALYTICAL INC.
1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required? ☐ Yes ☐ No Email PDF Report: (YES)

Report To: Adrian Angel Bill To: Same
Company: AEI Consultants PO #: ~~WC082800~~
2500 Camino Diablo, Suite 200
Walnut Creek, CA 94597 E-Mail: aangel@aeiconsultants.com
Tel: (408) 559-7600 Fax: (408) 559-7601
Project #: Project Name:
Project Location: 1600 – 1630 Park Street, Alameda
Sampler Signature: [signature]

Analysis Request columns: BTEX & TPH as Gas (602/8020 + 8015); TPH as Diesel (8015) w/ silica gel cleanup; 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) + EtOH; EPA 625 / 8270; PAH's / PNA's by EPA 625 / 8270 / 8310; ~~CAM-17 Metals~~ 1,4-Dioxane by 8260; Arsenic, copper, lead by EPA 6010 (TTLC); TPH-d by 8015 with silica gel clean up; MBTEX by EPA 8021/8015

Other columns: TPH multi range (g/d/mo)/8015; LUFT 5 metals/6010; MBTEX (8021); Lead (6010)

Comments: w/ silica gel clean up on all d/mo

SAMPLE ID (Field Point Name)	LOCATION	Date	Time	# Containers	Type Containers	Matrix	Method Preserved	Analyses marked (X)
AEI-16-7'	W/O tank	7/26/11	1:00P		A	Soil	Ice	Total Petroleum Oil & Grease; PCBs EPA 608/8080; VOCs EPA 624/8260 + EtOH; EPA 625/8270; 1,4-Dioxane by 8260; TPH multi range/8015; LUFT 5 metals/6010
AEI-16-10'			1:05P		C			
AEI-16-12'			1:10P		C			
AEI-16-15'			1:15P		F			
AEI-17-4'	Oil/Gas Area		2:10P		G			
AEI-17-7'			2:20P		F			
AEI-17-8'			2:25P		E			TPH multi range/8015; MBTEX (8021); Lead (6010)
AEI-17-12'			2:30P					
AEI-17-15'			—					
AEI-18-4'			3:10P					
AEI-18-8'			4:00P					TPH multi range/8015; MBTEX (8021); Lead (6010)
AEI-18-12'			3:58P					
AEI-18-15'			4:08P					
AEI-19-4'			4:10P					

Relinquished By:	Date:	Time:	Received By:
[signature]	7/27/11	1:00P	[signature]
[signature]	7/27/11	1540	[signature]

ICE/t° 5.4
GOOD CONDITION ____
HEAD SPACE ABSENT ____
DECHLORINATED IN LAB ____

	VOAS	O&G	METALS	OTHER
PRESERVATION				

APPROPRIATE CONTAINERS ____
PERSERVED IN LAB ____

*recieved two samples labeled AEI-18-12 per A.A. 18-12 350 was changed to 18-15

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ ~~72 HR~~ ☒ 5 DAY

EDF Required? ☐ Yes ☐ No Email PDF Report: YES

Report To: Adrian Angel Bill To: Same
Company: AEI Consultants PO #: ~~W2082800~~
2500 Camino Diablo, Suite 200
Walnut Creek, CA 94597 E-Mail: aangel@aeiconsultants.com
Tel: (408) 559-7600 Fax: (408) 559-7601
Project #: Project Name:
Project Location: 1600 – 1630 Park Street, Alameda
Sampler Signature: [signature]

	SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
	AEI-19-8'	Oil/Gas	7/26/11	4:15P	1	Acetate		X				X			
	AEI-19-12'	Area	↓	4:20P	↓	↓		↓				↓			
	AEI-19-15'	↓	↓	4:45P	↓	↓		↓				↓			
+1	AEI-1-W		7/25/11	9:15A	5	VOA 2	X					↓			
+	AEI-2-W		↓	10:10A	5	↓	↓					↓			
+	AEI-3-W		↓	11:00A	5	↓	↓					↓			
+	AEI-4-W		↓	12:10P	5	↓	↓					↓			
+	AEI-5-W		↓	1:30P	5	↓	↓					↓			
+1	AEI-6-W		↓	2:15P	5	↓	↓					↓			
+10	AEI-7-W		↓	1:57	5	↓	↓					↓			
+	AEI-8-W		↓	3:30P	5	↓	↓					↓			
+	AEI-9-W		↓	4:30P	5	↓	↓					↓			
+1	AEI-10-W		7/26/11	10:20A	5	↓	↓					↓			
+10	AEI-14-W		" "	11:30A	4	↓	↓					↓			

Analysis Request / Other / Comments

SAMPLE ID	BTEX & TPH as Gas (602/8020 + 8015) + MTBE	TPH as Diesel (8015) w/ silica gel cleanup	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	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	~~CAM-17 Metals~~ Lead	Arsenic, copper, lead by EPA 6010 (TTLC)	TPH-d by 8015 with silica gel clean up	MBTEX by EPA 8021/8015	TPH multi-range (g|d|mo) / 8015	MBTEX (8021)	Lead / 6010	TAME/ETBE/DIPE/TBA/EtOH+PbScav	Comments: *Silica Gel Cleanup on all diesel + motor oil.*
AEI-19-8'																X	X	X		
AEI-19-12'																				
AEI-19-15'																				
AEI-1-W																X				
AEI-2-W																X				
AEI-3-W																X				
AEI-4-W																X				
AEI-5-W																X				
AEI-6-W																X				
AEI-7-W																X				
AEI-8-W																X				
AEI-9-W																X				
AEI-10-W																X				
AEI-14-W	X											X							X	

Relinquished By:	Date:	Time:	Received By:
[signature]	7/27/11	1:00P	[signature]
[signature]	7/27	1540	[signature]

ICE/t° 5.4
GOOD CONDITION____
HEAD SPACE ABSENT____
DECHLORINATED IN LAB____

PRESERVATION ____ VOAS | O&G | METALS | OTHER
APPROPRIATE CONTAINERS____
PERSERVED IN LAB____

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required? ☐ Yes ☒ No Email PDF Report: YES

Report To: Adrian Angel Bill To: Same
Company: AEI Consultants PO #: ~~WC082800~~
2500 Camino Diablo, Suite 200
Walnut Creek, CA 94597 E-Mail: aangel@aeiconsultants.com
Tel: (408) 559-7600 Fax: (408) 559-7601
Project #: Project Name:
Project Location: 1600 – 1630 Park Street, Alameda
Sampler Signature:

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED Ice	HCl	HNO_3	Other
AEI-15-W		7/26/11	1:40P	5	VOA	X					X			
AEI-16-W			—	7	VOA									
AEI-17-W			3:00P	4	VOA									
AEI-18-W			3:35P	4	VOA									
AEI-19-W			4:10	4	VOA									

Analysis Request

BTEX & TPH as Gas (602/8020 + 8015) + MTBE	TPH as Diesel (8015) w/ silica gel cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	~~Pesticides by EPA 608~~ 1,4-Dioxane by 8260	BTEX ONLY (EPA 602 / 8020)	Organo-chlorine pesticides EPA 8081	PCBs EPA 608 / 8080	VOCs EPA 624 (8260) + EtOH	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	~~Cadmium~~ Lead	Arsenic, copper, lead by EPA 6010 (TTLC)	TPH-d by 8015 with silica gel clean up	MBTEX by EPA 8021/8015
X			X	X			X	X	X		X			

Other

TPH multi range (g/d/mo) (8015)*	MBTEX (8021)	CAM 17 metals (dissolved)	TAME/ETBE/DIPE/TBA/EtOH+Pb Scav
X	X	X	X
X	X		
X	X		
X	X		
X	X		

Comments: * with Silica gel cleanup on d/mo

Relinquished By:	Date:	Time:	Received By:
	7/27/11	1:00P	
Relinquished By:	Date:	Time:	Received By:
	7/27	15%	
Relinquished By:	Date:	Time:	Received By:

ICE/t° 5.4
GOOD CONDITION ____
HEAD SPACE ABSENT ____
DECHLORINATED IN LAB ____ PERSERVED IN LAB ____

PRESERVATION APPROPRIATE CONTAINERS	VOAS	O&G	METALS	OTHER

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1107771 B **ClientCode: AEL**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Adrian Angel
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
(925) 283-6000 FAX: (925) 944-2895

Email: aangel@aeiconsultants.com
cc:
PO: #WC083212
ProjectNo: #298931; 1600-1630 Park Street Alameda

Bill to:
Sara Guerin
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
sguerin@aeiconsultants.com

Requested TAT: 5 days
Date Received: **07/27/2011**
Date Add-On: **08/02/2011**
Date Printed: **08/03/2011**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1107771-061	AEI-14-7'	Soil	7/26/2011 11:00	☐									A		A	
1107771-066	AEI-15-7'	Soil	7/26/2011 11:35	☐									A		A	
1107771-071	AEI-16-7'	Soil	7/26/2011 13:00	☐	A			A	A		A					
1107771-098	AEI-14-W	Water	7/26/2011 11:30	☐										B		C
1107771-099	AEI-15-W	Water	7/26/2011 13:40	☐										B		C
1107771-100	AEI-16-W	Water	7/26/2011	☐		A	D			E		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.

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.

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

AEI Consultants	Client Project ID: #298931; 1600-1630 Park Street Alameda	Date Sampled: 07/26/11
		Date Received: 07/27/11
2500 Camino Diablo, Ste. #200	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

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

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	2.0	µg/L
	S	0.02	mg/kg

* 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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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2500 Camino Diablo, Ste. #200	Client Contact: Adrian Angel	Date Extracted 08/03/11
Walnut Creek, CA 94597	Client P.O.: #WC083212	Date Analyzed 08/08/11

Total Recoverable Petroleum Hydrocarbons with Silica Gel Clean-Up by IR Spectrometry*

Extraction method: E418.1 Analytical methods: E418.1 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 above the reporting limit	W	1.0	mg/L
	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

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		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

Petroleum Oil & Grease with Silica Gel Clean-Up*

Extraction method: SM5520E/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	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	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.

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AEI Consultants	Client Project ID: #298931; 1600-1630 Park Street Alameda	Date Sampled: 07/26/11
		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: 08/04/11

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

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

Lab ID	1107771-071A	1107771-100E			Reporting Limit for DF =1	
Client ID	AEI-16-7'	AEI-16-W				
Matrix	S	W				
DF	1	1			S	W
Compound	**Concentration**				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

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AEI Consultants	Client Project ID: #298931; 1600-1630 Park Street Alameda	Date Sampled: 07/26/11
		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: SW3550B Analytical Method: SW8270C Work Order: 1107771

Lab ID	1107771-071A
Client ID	AEI-16-7'
Matrix	Soil

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 (%)

%SS1:	101	%SS2:	94
%SS3:	91	%SS4:	102
%SS5:	73	%SS6:	104

Comments:

* 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.

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

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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: 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				

Surrogate Recoveries (%)

%SS1:	74	%SS2:	66
%SS3:	78	%SS4:	88
%SS5:	60	%SS6:	85

Comments: b1

* 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.

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

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2500 Camino Diablo, Ste. #200	Client Contact: Adrian Angel	Date Extracted: 08/03/11
Walnut Creek, CA 94597	Client P.O.: #WC083212	Date Analyzed: 08/04/11

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

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

Lab ID	1107771-061A	1107771-066A			Reporting Limit for DF =1	
Client ID	AEI-14-7'	AEI-15-7'				
Matrix	S	S				
DF	1	1			S	W
Compound	**Concentration**				mg/kg	ug/L
tert-Amyl methyl ether (TAME)	ND	ND			0.005	NA
t-Butyl alcohol (TBA)	ND	ND			0.05	NA
1,2-Dibromoethane (EDB)	ND	ND			0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND			0.004	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 (%)						
%SS1:	95	96				
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.

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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

Lab ID	1107771-098B	1107771-099B			Reporting Limit for DF =1	
Client ID	AEI-14-W	AEI-15-W				
Matrix	W	W				
DF	1	1			S	W
Compound	**Concentration**				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 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

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

AEI Consultants	Client Project ID: #298931; 1600-1630 Park Street Alameda	Date Sampled: 07/26/11
		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: 08/04/11

Lead by ICP*

Extraction method: SW3050B 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	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	µg/L
	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 µm filtered and acidified sample.

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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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AEI Consultants	Client Project ID: #298931; 1600-1630 Park Street Alameda	Date Sampled: 07/26/11
		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: 08/04/11

Lead by ICP-MS*

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

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

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 µm filtered and acidified sample.

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

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

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QC SUMMARY REPORT FOR SW8260B

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

EPA Method: SW8260B **Extraction: SW5030B** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/kg	mg/kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
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.

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QC SUMMARY REPORT FOR SW8260B

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

EPA Method: SW8260B **Extraction: SW5030B** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
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.

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QC SUMMARY REPORT FOR E418.1

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

EPA Method: E418.1 **Extraction: E418.1** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	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.

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8270C

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

EPA Method: SW8270C **Extraction: SW3550B** **Spiked Sample ID: 1107569-015A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
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				

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.

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QC SUMMARY REPORT FOR SM5520E/F

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

EPA Method: SM5520E/F **Extraction: SM5520E/F** **Spiked Sample ID: 1107771-071A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
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.

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QC SUMMARY REPORT FOR SW8270C

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

EPA Method: SW8270C **Extraction: SW3510C** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
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.

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8082

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

EPA Method: SW8082 **Extraction: SW3550B** **Spiked Sample ID: 1107771-071A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/kg	mg/kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
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 Sampled	Date Extracted	Date Analyzed
1107771-071A	07/26/11 1:00 PM	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.

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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	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	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.

DHS ELAP Certification 1644 QA/QC Officer

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QC SUMMARY REPORT FOR E200.8

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

EPA Method: E200.8 **Extraction: E200.8** **Spiked Sample ID: 1108002-008A**

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
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 QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

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

QC SUMMARY REPORT FOR SW8082

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

EPA Method: SW8082 **Extraction: SW3510C** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
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	07/26/11	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.

DHS ELAP Certification 1644

QA/QC Officer

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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	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	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.

DHS ELAP Certification 1644

QA/QC Officer

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

QC SUMMARY REPORT FOR E200.8

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

EPA Method: E200.8 **Extraction: E200.8** **Spiked Sample ID: 1108002-008A**

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
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 QA/QC Officer

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QC SUMMARY REPORT FOR SW8082

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

EPA Method: SW8082 **Extraction: SW3510C** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
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	07/26/11	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.

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8260B

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

EPA Method: SW8260B **Extraction: SW5030B** **Spiked Sample ID: 1107867-009A**

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
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.

DHS ELAP Certification 1644

QA/QC Officer

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QC SUMMARY REPORT FOR 6010B

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

EPA Method: SW6010B		Extraction: SW3050B				BatchID: 60170				Spiked Sample ID: 1107771-066A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	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.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
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Telephone: 877-252-9262 Fax: 925-252-9269

Analytical Report

AEI Consultants	Client Project ID: #298931; 1600-1630 Park Street Alameda	Date Sampled: 07/25/11-07/26/11
		Date Received: 07/27/11
2500 Camino Diablo, Ste. #200	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.

The analytical results relate only to the items tested.

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 798-1620 Fax: (925) 798-1622

1107771

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required? ☐ Yes ☐ No Email PDF Report: YES

Report To: Adrian Angel Bill To: Same
Company: AEI Consultants PO #: [redacted]
2500 Camino Diablo, Suite 200
Walnut Creek, CA 94597 E-Mail: aangel@aeiconsultants.com
Tel: (408) 559-7600 Fax: (408) 559-7601
Project #: Project Name:
Project Location: 1600 – 1630 Park Street, Alameda
Sampler Signature:

Analysis Request: BTEX & TPH as Gas (602/8020 + 8015); TPH as Diesel (8015) w/ silica gel cleanup; Total Petroleum Oil & Grease (5520 E&F/B&F); Total Petroleum Hydrocarbons (418.1); Pesticides by EPA 8081; BTEX ONLY (EPA 602 / 8020) / Mtbe 8/8/11 5day; Organo-chlorine pesticides EPA 8081; PCBs EPA 608 / 8080 added 7/28/11 5day; VOCs EPA 624 / 8260; EPA 625 / 8270; PAH's / PNA's by EPA 625 / 8270 / 8310; CAM-17 Metals; Arsenic, copper, lead by EPA 6010 (TTLC); TPH-d by 8015 with silica gel clean up; MBTEX by EPA 8021/8015

Other: Multi Range w/ SG 7/28/11 5day

SAMPLE ID (Field Point Name)	LOCATION (existing)	Date	Time	# Containers	Type Containers	Matrix: Soil	Method Preserved: Ice	BTEX ONLY / Mtbe	PCBs EPA 608 / 8080	Other: Multi Range w/ SG	Comments
AEI-1-4'	Lift (former)	7/25/11	8:50A	1	Acetate	X	X				
AEI-1-7'	↓	↓	8:55A	↓	↓	↓	↓				
AEI-1-8'			8:54A								
AEI-1-10'			9:05A								
AEI-1-12'			9:00A								
AEI-2-5'			9:20A								
AEI-2-7.5'			9:30A								
AEI-2-10'			10:00A								
AEI-2-13'	↓		9:50A								
AEI-3-4	Lift (former)		10:15A								
AEI-3-7'	↓		10:17A					⊗		⊗	
AEI-3-8'			10:20A								
AEI-3-10'			10:55A						⊗		
AEI-3-12'	↓	↓	10:50A	↓	↓	↓	↓		~~⊗~~ MV		

Relinquished By:	Date:	Time:	Received By:
[signature]	7/26/11	1:00P	[signature]
[signature]	7/27	1520	[signature]

ICE/t° 5.4
GOOD CONDITION ____
HEAD SPACE ABSENT ____
DECHLORINATED IN LAB ____
PRESERVATION ____ (VOAS | O&G | METALS | OTHER)
APPROPRIATE CONTAINERS ____
PERSERVED IN LAB ____

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required? ☐ Yes ☒ No Email PDF Report: YES

Report To: Adrian Angel Bill To: Same
Company: AEI Consultants PO #: WC082800
2500 Camino Diablo, Suite 200
Walnut Creek, CA 94597 E-Mail: aangel@aeiconsultants.com
Tel: (408) 559-7600 Fax: (408) 559-7601
Project #: Project Name:
Project Location: 1600 – 1630 Park Street, Alameda
Sampler Signature: [signature]

Analysis Request: BTEX & TPH as Gas (602/8020 + 8015) 8/8/11 5day; TPH as Diesel (8015) w/ silica gel cleanup + MO 8/8/11 5 day; BTEX ONLY (EPA 602 / 8020) / MTBE 8/8/11; PCBs EPA 608 / 8080 7/28/11 5day; Other: Multi Range w/sg 7/25/11 5day

SAMPLE ID (Field Point Name)	LOCATION	Date	Time	# Containers	Type Containers	Water	Soil	Air	Sludge	Other	Ice	HCl	HNO$_3$	Other	BTEX & TPH as Gas (602/8020 + 8015)	TPH as Diesel (8015) w/ silica gel cleanup	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	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	Arsenic, copper, lead by EPA 6010 (TTLC)	TPH-d by 8015 with silica gel clean up	MBTEX by EPA 8021/8015	Multi Range w/sg	Other	Other	Comments
AEI-3-15'	Lift (former)	7/25/11	10:58A	1	Acetate		X				X				X	X																	
AEI-4-4'	↓	↓	11:05A	↓	↓		↓				↓																						
AEI-4-[illegible]'			11:30A																	X										X			
AEI-4-8.5'			11:25A																														
AEI-4-10'			11:55A																			X											
AEI-4-12'			11:45P																														
AEI-4-15'			12:00P												X	X																	
AEI-5-6.5	Lift (existing)		12:30P																														
AEI-5-8'			1:00P																														
AEI-5-12'			12:45P																														
AEI-5-15'			1:10P																														
AEI-6-4'	Lift (former)		1:20P																														
AEI-6-6'			1:25P																														
AEI-6-7'			—																	X										X			

Relinquished By:	Date:	Time:	Received By:
[signature]	7/27/11	1:50P	[signature]
[signature]	7/27	15[illegible]	[signature]

ICE/t° 5.4
GOOD CONDITION ____
HEAD SPACE ABSENT ____
DECHLORINATED IN LAB ____

	VOAS	O&G	METALS	OTHER
PRESERVATION				

APPROPRIATE CONTAINERS ____
PERSERVED IN LAB ____

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required? ☐ Yes ☒ No Email PDF Report: YES

Report To: Adrian Angel	Bill To: Same
Company: AEI Consultants	PO #: [redacted]
2500 Camino Diablo, Suite 200	
Walnut Creek, CA 94597	E-Mail: aangel@aeiconsultants.com
Tel: (408) 559-7600	Fax: (408) 559-7601
Project #:	Project Name:
Project Location: 1600 – 1630 Park Street, Alameda	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED Ice	HCl	HNO_3	Other
AEI-6-10'	Lift (former)	7/25/11	1:40P	1	A		X				X			
AEI-6-12'			1:35P											
AEI-6-14'			1:45P											
AEI-7-4'			2:00P											
AEI-7-7'			2:20P											
AEI-7-11'			2:10P											
AEI-7-13'			1											
AE-8-4'			2:35P											
AEI-8-7'			2:45P											
AEI-8-9'			3:00P											
AEI-8-11'			3:10P											
AEI-8-14'			3:15P											
AEI-9-5	Lift (existing)		3:50P											
AEI-9-7'			3:45P											

Relinquished By:	Date:	Time:	Received By:
	7/29/11	1:20P	
Relinquished By:	Date: 7/27	Time: 1540	Received By:
Relinquished By:	Date:	Time:	Received By:

Analysis Request

BTEX & TPH as Gas (602/8020 + 8015) 8/8/11 SCG	TPH as Diesel (8015) w/ silica gel cleanup TMO 8/8/11 SCG	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 7/25/11 SCG	VOCs EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	Arsenic, copper, lead by EPA 6010 (TTLC)	TPH-d by 8015 with silica gel clean up	MBTEX by EPA 8021/8015
X	X						X							
							X							
							X							

Other: Multi Range w/SCG 7/25/11 SCG; Multi Range w/TSG 8/8/11 SCG

Comments

ICE/t° 5.4
GOOD CONDITION____
HEAD SPACE ABSENT____
DECHLORINATED IN LAB____

PRESERVATION APPROPRIATE CONTAINERS

VOAS	O&G	METALS	OTHER

PERSERVED IN LAB____

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required? ☐ Yes ☒ No **Email PDF Report:** (YES)

Report To: Adrian Angel	**Bill To:** Same
Company: AEI Consultants	**PO #:** WC082800
2500 Camino Diablo, Suite 200	
Walnut Creek, CA 94597	**E-Mail:** aangel@aeiconsultants.com
Tel: (408) 559-7600	**Fax:** (408) 559-7601
Project #:	**Project Name:**
Project Location: 1600 – 1630 Park Street, Alameda	
Sampler Signature: [signature]	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
AEI-9-8'	Lift (existing)	7/25/11	3:30P	1	A		X				X			
AEI-9-11'	↓	↓	4:00P	↓	c		↓				↓			
AEI-9-14'			4:10P		e									
AEI-10-4'		7/26/11	9:40A		t									
AEI-10-6'			10:05A		a									
AEI-10-8'			10:06A		t									
AEI-10-10'			10:26A		e									
AEI-10-12'			10:10A											
AEI-10-15'	↓		10:25A											
AEI-11-3'	Drain		8:58A											
AEI-11-5'			9:05A											
AEI-12-3'			8:15A											
AEI-12-5'			8:25A											
AEI-12-8'	↓	↓	8:20A	↓	↓		↓				↓			

Analysis Request

SAMPLE ID	BTEX & TPH as Gas (602/8020 + 8015)	TPH as Diesel (8015) w/ silica gel cleanup	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)	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	Arsenic, copper, lead by EPA 6010 (TTLC)	TPH-d by 8015 with silica gel clean up	MBTEX by EPA 8021/8015	Other: TPH multi-range (g/d/mo)/8015	Other: LUFT 5 metals	Other: Multi Range w/ SG 8/8/11 5 day	Other	Comments: w/ silica gel cleanup
AEI-9-8'																				
AEI-9-11'																				
AEI-9-14'																				
AEI-10-4'																				
AEI-10-6'																				
AEI-10-8'																		(X)		
AEI-10-10'																				
AEI-10-12'																				
AEI-10-15'																				
AEI-11-3'									X							X	X			
AEI-11-5'																				
AEI-12-3'									X							X	X			
AEI-12-5'																				
AEI-12-8'																				

Relinquished By:	Date:	Time:	Received By:
[signature]	7/29/11	1:00P	[signature]
[signature]	7/29/11	1540	[signature]

ICE/t° 5.4
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____

	VOAS	O&G	METALS	OTHER
PRESERVATION				

APPROPRIATE CONTAINERS_____
PERSERVED IN LAB_____

1107771

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required? ☐ Yes ☒ No Email PDF Report: YES

Report To: Adrian Angel	Bill To: Same
Company: AEI Consultants	PO #: ~~WC082800~~
2500 Camino Diablo, Suite 200	
Walnut Creek, CA 94597	E-Mail: aangel@aeiconsultants.com
Tel: (408) 559-7600	Fax: (408) 559-7601
Project #:	Project Name:
Project Location: 1600 – 1630 Park Street, Alameda	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	Soil	Air	Sludge	Other	METHOD PRESERVED: Ice	HCl	HNO_3	Other
AEI-13-3'	Drain	7/26/11	8:00A	1	A	X					X			
AEI-13-5'			8:05A		C									
AEI-13-8'			8:07A		C									
AEI-14-4'	Existing VSTs		10:45A		T									
AEI-14-7'			11:00A		G									
AEI-14-10'			11:10A		G									
AEI-14-12'			11:05A		T									
AEI-14-15'			11:15A		C									
AEI-15-4'			11:30A											
AEI-15-7'			11:35A											
AEI-15-10'			11:55A											
AEI-15-12'			11:45A											
AEI-15-15'			12:00P											
AEI-16-4'	W/O tank		12:50P											

Analysis Request

BTEX & TPH as Gas (602/8020 + 8015) MTBE	TPH as Diesel (8015) w/ silica gel cleanup	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)	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	Arsenic, copper, lead by EPA 6010 (TTLC)	TPH-d by 8015 with silica gel clean up	MBTEX by EPA 8021/8015
								X						
X														
X														

Other

TPH multirange (gld liq)/8015*	LUFTS Metals / 6010	TAME/ETBE/DIPE/TBA/EtOH+8260	Lead
X	X		
		X	X
		X	X

Comments: *W/ silica gel cleanup on diesel + MO

Relinquished By:	Date:	Time:	Received By:
	7/26/11	1:00P	
Relinquished By:	Date:	Time:	Received By:
	7/27	1545	
Relinquished By:	Date:	Time:	Received By:

added 8/2/11 Sday

ICE/t° 5.4
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB

	VOAS	O&G	METALS	OTHER
PRESERVATION APPROPRIATE CONTAINERS				

PERSERVED IN LAB

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required? ☐ Yes ☐ No **Email PDF Report:** YES

Report To: Adrian Angel	**Bill To:** Same
Company: AEI Consultants	**PO #:** ~~WC082800~~
2500 Camino Diablo, Suite 200	
Walnut Creek, CA 94597	**E-Mail:** aangel@aeiconsultants.com
Tel: (408) 559-7600	**Fax:** (408) 559-7601
Project #:	**Project Name:**
Project Location: 1600 – 1630 Park Street, Alameda	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	Soil	Air	Sludge	Other	METHOD PRESERVED: Ice	HCl	HNO_3	Other
AEI-16-7'	WO tank	7/26/11	1:00P	1	A		X				X			
AEI-16-10'			1:05P		C									
AEI-16-12'			1:10P		C									
AEI-16-15'	↓		1:15P		C									
AEI-17-4'	Dispenser		2:10P		G									
AEI-17-7'	Area		2:20P		G									
AEI-17-8'			2:25P		G									
AEI-17-12'			2:30P		G									
AEI-17-15'			—											
AEI-18-4'			3:10P											
AEI-18-8'			4:00P											
AEI-18-12			3:58P											
AEI-18-15			4:08P											
AEI-18-4'	↓	↓	4:10P	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓

Analysis Request	Other	Comments
BTEX & TPH as Gas (602/8020 + 8015)		
TPH as Diesel (8015) w/ silica gel cleanup		
☒ 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 + EtOH		
☒ EPA 625 / 8270		
PAH's / PNA's by EPA 625 / 8270 / 8310		
☒ ~~CAM 17 Metals~~ 1,4-Dioxane by 8260		
Arsenic, copper, lead by EPA 6010 (TTLC)		
TPH-d by 8015 with silica gel clean up		
MBTEX by EPA 8021/8015		
	☒ TPH multi range (g, d, mo) / 8015	w/ silica gel clean up on all d/mo
	☒ LUFT 5 metals / 6010	
	☒ MBTEX (8021)	
	☒ Lead (6010)	

	Date:	Time:	Received By:
Relinquished By:	7/27/11	1:00P	
Relinquished By:	7/27/11	1540	
Relinquished By:	Date:	Time:	Received By:

ICE/t° 5.4
GOOD CONDITION ____
HEAD SPACE ABSENT ____
DECHLORINATED IN LAB ____

	VOAS	O&G	METALS	OTHER
PRESERVATION APPROPRIATE CONTAINERS				

PRESERVED IN LAB ____

*recieved two samples labeled AEI-18-12 per A.A. 18-12 350 was changed to 18-15

McCAMPBELL ANALYTICAL INC.
1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ ~~72 HR~~ ☒ 5 DAY

EDF Required? ☐ Yes ☐ No Email PDF Report: YES

Report To: Adrian Angel Bill To: Same
Company: AEI Consultants PO #: WC082800
2500 Camino Diablo, Suite 200
Walnut Creek, CA 94597 E-Mail: aangel@aeiconsultants.com
Tel: (408) 559-7600 Fax: (408) 559-7601
Project #: Project Name:
Project Location: 1600 – 1630 Park Street, Alameda
Sampler Signature: [signature]

Analysis Request columns:
1. BTEX & TPH as Gas (602/8020 + 8015) + MTBE
2. TPH as Diesel (8015) w/ silica gel cleanup
3. Total Petroleum Oil & Grease (5520 E&F/B&F)
4. Total Petroleum Hydrocarbons (418.1)
5. Pesticides by EPA 8081
6. BTEX ONLY (EPA 602 / 8020) MtBe 8/8/11
7. Organo-chlorine pesticides EPA 8081
8. PCBs EPA 608 / 8080
9. VOCs EPA 624 / 8260
10. EPA 625 / 8270
11. PAH's / PNA's by EPA 625 / 8270 / 8310
12. ~~CAM-17 Metals~~ Lead
13. Arsenic, copper, lead by EPA 6010 (TTLC)
14. TPH-d by 8015 with silica gel clean up
15. MBTEX by EPA 8021/8015

Other:
16. TPH multi-range (g|d|mo) / 8015
17. MBTEX (8021)
18. Lead / 6010
19. TAME/ETBE/DIPE/TBA/EtOH+PbScav

Comments: *Silica Gel Cleanup on all diesel + motor oil!*

	Sample ID (Field Point Name)	Location	Date	Time	# Containers	Type Containers	Water	Soil	Air	Sludge	Other	Ice	HCl	HNO3	Other	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Comments
	AEI-19-8'	Oil/Gas Arch	7/26/11	4:15P	1	Ac		X				X																			X	X	X		
	AEI-19-12'	↓	↓	4:20P	↓	↓		↓				↓																							
	AEI-19-15'			4:45P																															
+1	AEI-1-W		7/25/11	9:15A	5	VOA + L	X																								X				
+	AEI-2-W			10:10A	5																										X				
+	AEI-3-W			11:00A	5																⊗										X				
+	AEI-4-W			12:10P	5																⊗										X				
+	AEI-5-W			1:30P	5																										X				
+1	AEI-6-W			2:15P	5																⊗										X				
+10	AEI-7-W			1:57	5																										X				
+	AEI-8-W			3:30P	5																										X				
+	AEI-9-W		↓	4:30P	5																										X				
+1	AEI-10-W		7/26/11	10:20A	5	↓	↓					↓																			X				
+10	AEI-14-W		" "	11:30A	4											X											X							X	

Relinquished By:	Date:	Time:	Received By:
[signature]	7/27/11	1:00P	Dirk Cal[signature]
Dirk Cal[signature]	7/27	1540	[signature]

ICE/t° 5.4
GOOD CONDITION____
HEAD SPACE ABSENT____
DECHLORINATED IN LAB____

	VOAS	O&G	METALS	OTHER
PRESERVATION				

APPROPRIATE CONTAINERS____
PERSERVED IN LAB____

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required? ☐ Yes ☒ No Email PDF Report: YES

Report To: Adrian Angel	Bill To: Same
Company: AEI Consultants	PO #: ~~WC082800~~
2500 Camino Diablo, Suite 200	
Walnut Creek, CA 94597	E-Mail: aangel@aeiconsultants.com
Tel: (408) 559-7600	Fax: (408) 559-7601
Project #:	Project Name:
Project Location: 1600 – 1630 Park Street, Alameda	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED Ice	HCl	HNO_3	Other
AEI-15-W		7/26/11	1:45P	5	VOA/L	X					X			
AEI-16-W			—	7	VOA/L/AG									
AEI-17-W			3:00P	4	VOA/L									
AEI-18-W			3:35P	4										
AEI-19-W			4:10	4	↓	↓					↓			

Analysis Request

BTEX & TPH as Gas (602/8020 + 8015) + MTBE	TPH as Diesel (8015) w/ silica gel cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	~~Pesticides by EPA 608~~ 1,4-Dioxane by 8260	BTEX ONLY (EPA 602 / 8020)	Organo-chlorine pesticides EPA 8081	PCBs EPA 608 / 8080	VOCs EPA 624 (8260) + EtOH	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	~~Cam~~ Lead	Arsenic, copper, lead by EPA 6010 (TTLC)	TPH-d by 8015 with silica gel clean up	MBTEX by EPA 8021/8015	Other	Comments
X			X	X			X	X	X		X				TPH multi range (gld/mo) 8015* MBTEX (8021) LUFT metals (dissolved) TAME/ETBE/DIPE/TBA/EtOH+PbScav	* with Si lica gel cleanup on d/mo

	Date:	Time:	Received By:
Relinquished By:	7/27/11	1:00P	
Relinquished By:	7/27	1540	
Relinquished By:	Date:	Time:	Received By:

ICE/t° 5.4
GOOD CONDITION ____
HEAD SPACE ABSENT ____
DECHLORINATED IN LAB ____

PRESERVATION APPROPRIATE	VOAS	O&G	METALS	OTHER
CONTAINERS				

PERSERVED IN LAB ____

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1107771 D **ClientCode: AEL**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Adrian Angel
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
(925) 283-6000 FAX: (925) 944-2895

Email: aangel@aeiconsultants.com
cc:
PO: #WC083212
ProjectNo: #298931; 1600-1630 Park Street Alameda

Bill to:
Sara Guerin
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
sguerin@aeiconsultants.com

Requested TAT: 5 days
Date Received: **07/27/2011**
Date Add-On: **08/08/2011**
Date Printed: **08/09/2011**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1107771-011	AEI-3-7'	Soil	7/25/2011 10:18	☐		A										
1107771-015	AEI-3-15'	Soil	7/25/2011 10:58	☐	A	A										
1107771-017	AEI-4-7'	Soil	7/25/2011 11:30	☐		A										
1107771-021	AEI-4-15'	Soil	7/25/2011 12:00	☐	A	A										
1107771-028	AEI-6-7'	Soil	7/25/2011	☐		A										
1107771-031	AEI-6-14'	Soil	7/25/2011 13:45	☐	A	A										
1107771-035	AEI-7-13'	Soil	7/25/2011	☐	A	A										
1107771-040	AEI-8-14'	Soil	7/25/2011 15:15	☐	A	A										
1107771-048	AEI-10-8'	Soil	7/26/2011 10:00	☐	A	A										
1107771-090	AEI-3-W	Water	7/25/2011 11:00	☐			A									
1107771-091	AEI-4-W	Water	7/25/2011 12:10	☐			A									
1107771-093	AEI-6-W	Water	7/25/2011 14:15	☐			A									

Test Legend:

1	G-MBTEX_S	2	TPH(DMO)WSG_S	3	TPH(DMO)WSG_W	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. Additional addons 8/2/11 5d. Samples taken off hold 8/8/11 per email 5 day.

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; 1600-1630 Park Street Alameda	Date Sampled: 07/25/11
2500 Camino Diablo, Ste. #200		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: 07/28/11-07/29/11

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

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 1107771

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
011A	AEI-3-7'	S	1200	ND<10	2.6	25	10	48	200	---#	d2,d9
017A	AEI-4-7'	S	5100	ND<50	6.2	83	54	280	1000	---#	d2,d9
028A	AEI-6-7'	S	470	ND<5.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	100	77	d7
090A	AEI-3-W	W	11,000	ND<50	1100	1900	210	860	10	105	d1,b6
091A	AEI-4-W	W	200,000	ND<500	21,000	30,000	3600	16,000	100	112	d1,b6
093A	AEI-6-W	W	18,000	ND<50	ND<5.0	7.7	ND<5.0	28	10	103	d7,b6,b1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	µg/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples are reported 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 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:
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

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; 1600-1630 Park Street Alameda	Date Sampled: 07/25/11-07/26/11
2500 Camino Diablo, Ste. #200		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*

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work 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	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples are reported 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 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:
d1) weakly modified or unmodified gasoline is significant

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Angela Rydelius, Lab Manager

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AEI Consultants	Client Project ID: #298931; 1600-1630 Park Street Alameda	Date Sampled: 07/25/11-07/26/11
		Date Received: 07/27/11
2500 Camino Diablo, Ste. #200	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

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1107771-015A	AEI-3-15'	S	1.6	ND	1	107	e2
1107771-021A	AEI-4-15'	S	1.3	ND	1	84	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 above the reporting limit	W	NA	NA	ug/L
	S	1.0	5.0	mg/Kg

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

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

%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:
e2) diesel range compounds are significant; no recognizable pattern
e7) oil range compounds are significant

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QC SUMMARY REPORT FOR SW8021B/8015Bm

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

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1108161-061A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	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	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 = 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.

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QC SUMMARY REPORT FOR SW8021B/8015Bm

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

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1108242-015A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	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 = 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.

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QC SUMMARY REPORT FOR SW8015B

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

EPA Method: SW8015B **Extraction: SW3550B/3630C** **Spiked Sample ID: 1108223-009A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-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	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 = 100 * (MS - MSD) / ((MS + MSD) / 2).

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

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

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

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8015B

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

EPA Method: SW8015B **Extraction: SW3550B/3630C** **Spiked Sample ID: 1108242-015A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-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
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
1107771-040A	07/25/11 3:15 PM	08/08/11	08/13/11 3:05 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.

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