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

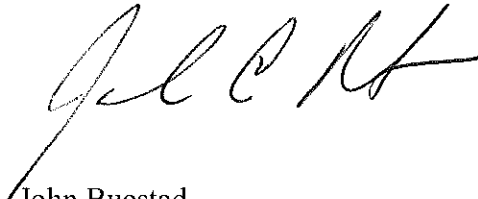
Subject: Perjury Statement and Report Transmittal
1600 Park Street (Parcel A)
Alameda, California 94501
AEI Project No. 324771
ACEH RO#0003112

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: AEI Consultants, *Additional Characterization Report*

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



AEI Consultants

Environmental & Engineering Services

April 23, 2014

ADDITIONAL CHARACTERIZATION REPORT

Property Identification:

1600 Park Street – Parcel A
Alameda, California

AEI Project No. 324771
ACEH Fuel Leak Case No. RO0003112

Prepared for:

Foley Street Investments
Attn: Mr. John Buestad
2533 Clement Avenue
Alameda, CA 94501

Prepared by:

AEI Consultants
2500 Camino Diablo
Walnut Creek, CA 94597
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April 23, 2014

Alameda County Environmental Health Department
Attn: Ms. Karel Detterman
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Subject: Additional Characterization Report and Request for Case Closure
1600 Park Street – Parcel A
Alameda, California
AEI Project No. 324771
ACEH Fuel Leak Case No. RO0003112

Dear Ms. Detterman:

AEI Consultants (AEI) has prepared this *Additional Characterization Report and Request for Case Closure* on behalf of Foley Street Investments (FSI), developer of the subject site (See Figure 1 and Figure 2). This report describes recent sampling activities performed at the site in February 2014 to further characterize a hydrocarbon release discovered during the underground storage tank (UST) removal activities. The USTs which are the subject of this report are those that were identified during grading activities in October 2013 and removed shortly thereafter. The Alameda County Environmental Health Department (ACEH) is the agency with regulatory oversight of the leaking underground storage tank (LUST) case (ACEH Fuel Leak Case No. RO0003112).

1.0 Background

The subject parcel is currently under development for use as a commercial retail store. Prior to development, AEI identified several areas of historical concern which were documented in AEI's *Phase I Environmental Site Assessment* dated July 5, 2011 including existing USTs (identified as Area 1), hydraulic hoists, and an area in the southwestern portion of the parcel suspected of containing historical USTs (identified as Area 2). Subsequently, soil borings were advanced to investigate each of the identified areas of concern. In November 2011, one 10,000 gallon and one 4,000 gallon gasoline UST, and one 500 gallon waste oil UST were removed from the Parcel A UST Area 1. Details regarding the removal of the USTs were reported in AEI's *UST Removal Report* dated February 16, 2012.

Soil boring data, as reported in AEI's *Phase II Subsurface Investigation Report* dated August 16, 2011, in conjunction with the soil and groundwater data obtained during the UST removal activities, indicated that a minor release from the former USTs in Area 1 had occurred which was limited in extent. Impacted soil from beneath the waste oil UST was excavated and removed from the site. Verification soil sampling confirmed that the source had been removed. Petroleum hydrocarbons were also detected within the groundwater of the gasoline UST cavity

during removal activities, however were limited in extent as the soil within the UST cavity did not contain hydrocarbons, nor did the groundwater from soil borings adjacent to the UST cavity. Based on meetings with the ACEH this matter should be eligible for case closure, therefore, AEI's prepared a *Conceptual Site Model (CSM) Update & Request for Case Closure – May 2013* dated May 15, 2013. Subsequently, a public notice for case closure was issued by the ACEH on May 31, 2013. Case closure was not finalized prior to the discovery of additional USTs and suspected release, discussed in more detail below. Therefore, the case was never formally closed and remained active.

A geophysical survey completed in July 2011 did not identify any USTs associated with the gas and oil area identified in the historic documents, and soil borings did not indicate elevated hydrocarbons were present in this area. Soil borings in the vicinity of the former hydraulic hoists did not indicate that a significant release has occurred, and no obvious contamination was observed during the removal of the lifts. Historical site features are shown on Figure 2.

On October 17, 2013, the general contractor discovered one 55-gallon drum containing sludge material and one 30-gallon hydraulic lift reservoir tank during grading activities. Subsequent sampling did not identify significantly impacted soil beneath these features. Details, including the location of the encountered features, are reported in AEI's included in AEI's *UST Removal Report* dated December 20, 2013.

On October 22, 2013, the general contractor discovered one 400-gallon and one 600-gallon UST at approximately 3 feet below ground surface (bgs) and adjacent to each other in the southwestern portion of the parcel while grading this area (identified as USA Area 2 and on Figure 2 and 3). The tops of the USTs were exposed however the USTs remained in ground while the necessary permits for their removal were obtained. During UST removal activities, a hydrocarbon release was identified. Details of the UST removal are included in AEI's *UST Removal Report* dated December 20, 2013.

Based on the elevated concentrations of petroleum hydrocarbons detected during the UST removal, during November 2013, AEI completed source removal excavation activities by excavating an area approximately 32 feet by 17 feet by 12 feet deep around the former USTs. A total of approximately 261.27 tons of non-hazardous soil were transported to, and disposed of properly, at the Hay Road waste facility. Confirmation soil sampling indicated that elevated concentrations of hydrocarbons were not detected along the northern, eastern, or southern sidewalls or the bottom samples. Elevated hydrocarbons were detected along the western wall in the 9 foot bgs soil samples. A groundwater sample was reported to contain TPHg and TPHd at a concentration of 1,500 micrograms per liter ($\mu\text{g/L}$) and 620 $\mu\text{g/L}$, respectively.

On November 1, 2013, AEI completed three soil vapor samples (SV-16 to SV-18) by installing temporary soil vapor monitoring points approximately 5 feet below the proposed building foundation. Low levels of TPHg and VOCs were detected in the soil vapor samples; however, each detection was one or more orders of magnitude below the respective environmental screening level (ESL). These low concentrations indicated that a significant threat for vapor intrusion is not present at the site. Details of the excavation and soil vapor sampling activities are included in AEI's *Source Removal Excavation Report and Workplan for Additional Characterization* report dated January 15, 2014.

2.0 Additional Characterization Activities

Prior to the discovery of the two USTs during construction activities in October 2013, ACEH was working towards finalizing case closure for the site; therefore, only environmental concerns associated with activities completed following the discovery of the two USTs are discussed in the remainder of this report. As discussed in AEI's *Source Removal Excavation Report and Workplan for Additional Characterization* report dated January 15, 2014, residual impacted soil remains present in the soil along Park Street and the extent of impacted groundwater was not previously delineated towards Park Street, the expected downgradient direction. Therefore the following activities were completed to investigate conditions in the downgradient direction from the former USTs.

2.1 Drilling and Soil Sampling

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 # W2014-0152) and the existing City of Alameda Right of Way Permit (Permit EX11-0030) was used for authorization to close down one lane in Park Street. A copy of the permits is included in Appendix A. Lane closure and traffic control was performed by Bay Area Traffic Solutions. The soil boring locations were cleared of buried utility conduits by Foresite Engineering Surveys on February 20, 2014.

On February 20, 2014, AEI performed the drilling activities at the site. A total of four soil borings (AEI-29 through AEI-32) were drilled within Park Street. The borings were advanced to a depth of 15 to 16 feet bgs for the collection of soil and groundwater samples. The completed boring locations (AEI-29 to AEI-31) were moved approximately 10 feet towards the northwest from the proposed locations, towards the middle of Park Street, due to the presence of underground utilities within the southeastern most lane of Park Street. AEI-32 was completed based on an elevated photo ionization detector (PID) reading during drilling of AEI-29. Proposed boring AEI-33 was not completed due to the lack of elevated PID readings during the drilling of AEI-30 and AEI-31.

The soil borings were advanced by a truck-mounted mechanized Geoprobe® direct push drilling rig operated 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 PID.

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

2.2 Groundwater Sampling

Groundwater was encountered in each of the soil borings with saturated sand sediments first encountered between 8 and 9.5 bgs. 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. Water was purged from each borehole prior to sample collection in an attempt to remove any sediment. Groundwater samples were collected using ¼ poly tubing with a peristaltic pump into hydrogen chloride-preserved 40-ml VOA vials. 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.

2.3 Sample Storage and Analyses

The soil and groundwater samples were transported on February 20, 2014 to McCampbell Analytical Inc. (Department of Health Services Certification #1644) of Pittsburgh, California for analysis under chain of custody. A total of eight soil and four groundwater samples were analyzed for Total Petroleum Hydrocarbons (TPH) as gasoline (TPHg) by EPA Method 8015, TPH as diesel (TPHd) by EPA Method 8015 with silica gel cleanup, benzene, toluene, ethylbenzene, and total xylenes (collectively referred to as BTEX), and methyl butyl tertiary ether (MTBE) by EPA Method SW8021B. Analytical reports and chain of custody documents are included as Appendix C.

2.4 Boring Destruction

Upon completion of sampling, all temporary casing and sampling rods were removed from the borings. The temporary soil borings were backfilled with neat cement grout. The grout was mixed at a ratio of one (1) 94-pound bag of Type II Portland cement to 5-gallons of water as required by the ACPWA.

3.0 Findings

3.1 Geology and Hydrogeology

The soils encountered were consistent with previous investigations and were described as poorly graded fine grained sand to the maximum depth explored, 16 feet bgs (Appendix B). Groundwater was first encountered during the recent sampling activities at depths ranging from 8 to 9.5 feet bgs.

3.2 Soil Sample Analytical Results

TPHg was detected in one of the soil samples (AEI-29-11.5) at a concentration of 2.2 milligrams per kilogram (mg/kg). TPHd was also detected in one of the soil samples (AEI-32-14.5) at a concentration of 4.8 mg/kg. BTEX and MTBE were not detected at or above reporting limits in each of the soil samples analyzed. Soil sample analytical data is presented in Table 1 and displayed on Figure 4.

3.3 Groundwater Sample Analytical Results

TPHd was detected in two of the groundwater samples at a concentration of 110 µg/L in AEI-29 and 460 µg/L in AEI-32. TPHg, BTEX, and MTBE were not detected at or above reporting limits in the groundwater samples analyzed. Groundwater sample analytical data is presented in Table 5 and displayed on Figure 5.

4.0 Summary and Request for Case Closure

On February 20, 2014, AEI advanced a total of four soil borings (AEI-29 through AEI-32) to further characterize the hydrocarbon release discovered during the October 2013 UST removal activities. The scope of work was designed to investigate conditions in the expected downgradient direction from the completed excavation activities, beneath Park Street.

TPHg and TPHd were detected in one of the soil samples at a concentration of 2.2 mg/kg and 4.8 mg/kg, respectively, well below the ESL of 500 mg/kg for TPHg and 110 mg/kg for TPHd. BTEX and MTBE were not detected at or above reporting limits in each of the soil samples analyzed. Based on these findings, the extent of impacted soil is well delineated towards the northwest and is limited to an area beneath the parking lane of Park Street.

TPHg, BTEX, and MTBE were not detected at or above reporting limits in the groundwater samples analyzed. TPHd was detected in two of the groundwater samples at a concentration of 110 µg/L in AEI-29, one of the three boring locations immediately downgradient of the excavation, and 460 µg/L in AEI-32, approximately 30 feet further downgradient. The 460 µg/L detection in AEI-32 is higher than concentrations closer to the excavation and along the southeastern portion of Park Street (AEI-29 to AEI-31) indicating that it may be associated with an offsite source. While these concentrations are slightly above the lowest ESL of 100 µg/L, they are below the ESL for aquatic receptors of 640 µg/L, a more appropriate ESL given the lack of potential receptors identified in the vicinity of the site; the nearest surface water body is a tidal canal located approximately 1,500 to 2,000 feet to the northeast.

Therefore, for the following reasons, AEI on behalf of FSI, requests that the ACEH consider the extent of release well defined and proceed with case closure for the site.

- The source (USTs) has been removed from the site.
- Secondary source removal activities (excavation) have been completed to the extent practical by removing hydrocarbon impacted soil vertically and horizontally with the exception of a relatively small volume of soil to the west/northwest along and beneath Park Street.
- Soil vapor sampling approximately 5 feet below the proposed building foundation indicated that detected concentrations of TPHg or VOCs were one or more orders of magnitude below the respective ESL and as such not a significant threat for vapor intrusion.
- The extent of hydrocarbons in groundwater have been delineated to below concentrations of concern in all directions surrounding the former USTs.

5.0 Report Limitations

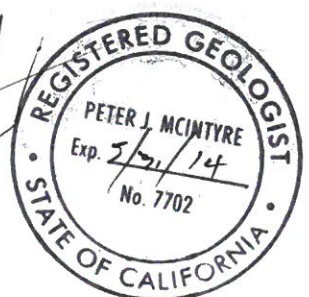

This report has been prepared by AEI Consultants relating to the property located at 1600 Park Street, in the City of Alameda, Alameda County, California. This report includes a summary of site conditions and relies heavily on information obtained from public records and other resources; AEI makes no warrantee that the information summarized in this report includes consideration of all possible resources or information available for the site, whether referenced on not. Material samples have been collected and analyzed, and where appropriate conclusions drawn and recommendations made based on these analyses and other observations. This report may not reflect subsurface variations that may exist between sampling points. These variations cannot be fully anticipated, nor could they be entirely accounted for, in spite of exhaustive additional testing. This document should not be regarded as a guarantee that no further contamination, beyond that which could have been detected within the scope of past investigations is present beneath the property or that all contamination present at the site will be identified, treated, or removed. Undocumented, unauthorized releases of hazardous material(s) and petroleum products, the remains of which are not readily identifiable by visual inspection and/or are of different chemical constituents, are difficult and often impossible to detect within the scope of a chemical specific investigation and may or may not become apparent at a later time. This document may contain estimates of costs for various activities that could be implemented at the site. Such estimates are based on reasonably expected costs for similar activities; however, AEI provides no guarantee implicit or explicit that costs will not be significantly higher or lower than those estimated. All specified work has been performed in accordance with generally accepted practices in environmental engineering, geology, and hydrogeology and performed under the direction of appropriate California registered professionals.

Field activities for the soil borings will be permitted upon approval from the ACEH. AEI welcomes comments and questions from ACEH staff. Please contact us (925) 746-6000.

Sincerely,
AEI Consultants



Jeremy Smith
Senior Project Manager

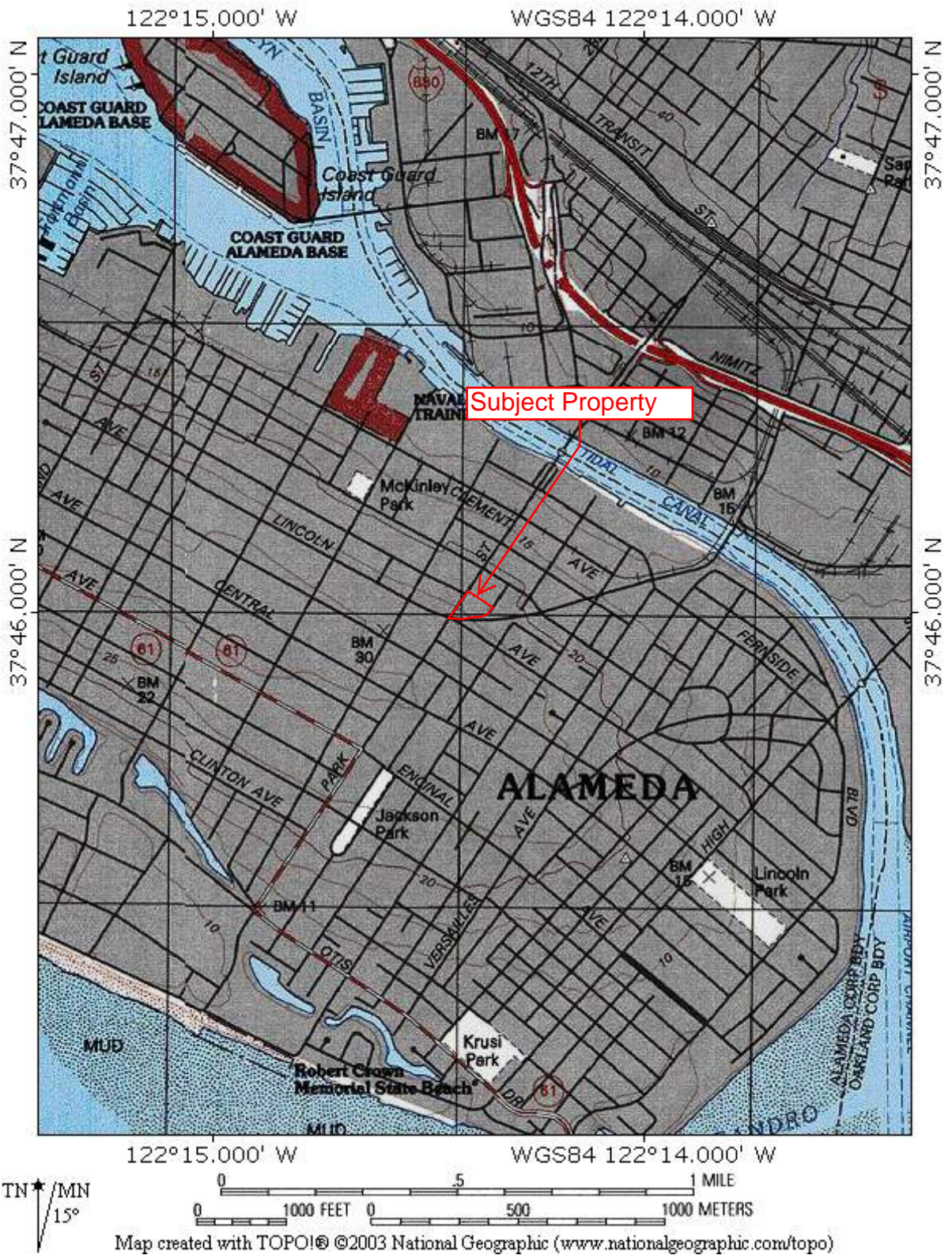


Peter J. McIntyre, PG
Executive Vice President
Principal Geologist

Distribution:

John Buestad, Foley Street Investments
Tom Graf, Grafcon
Karel Detterman, Alameda County Environmental Health Department (FTP Upload)
GeoTracker (Upload)

FIGURES



SITE LOCATION MAP

1600-1650 Park Street

Alameda, California 94501

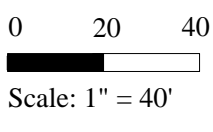
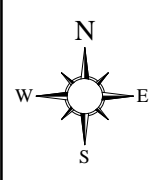
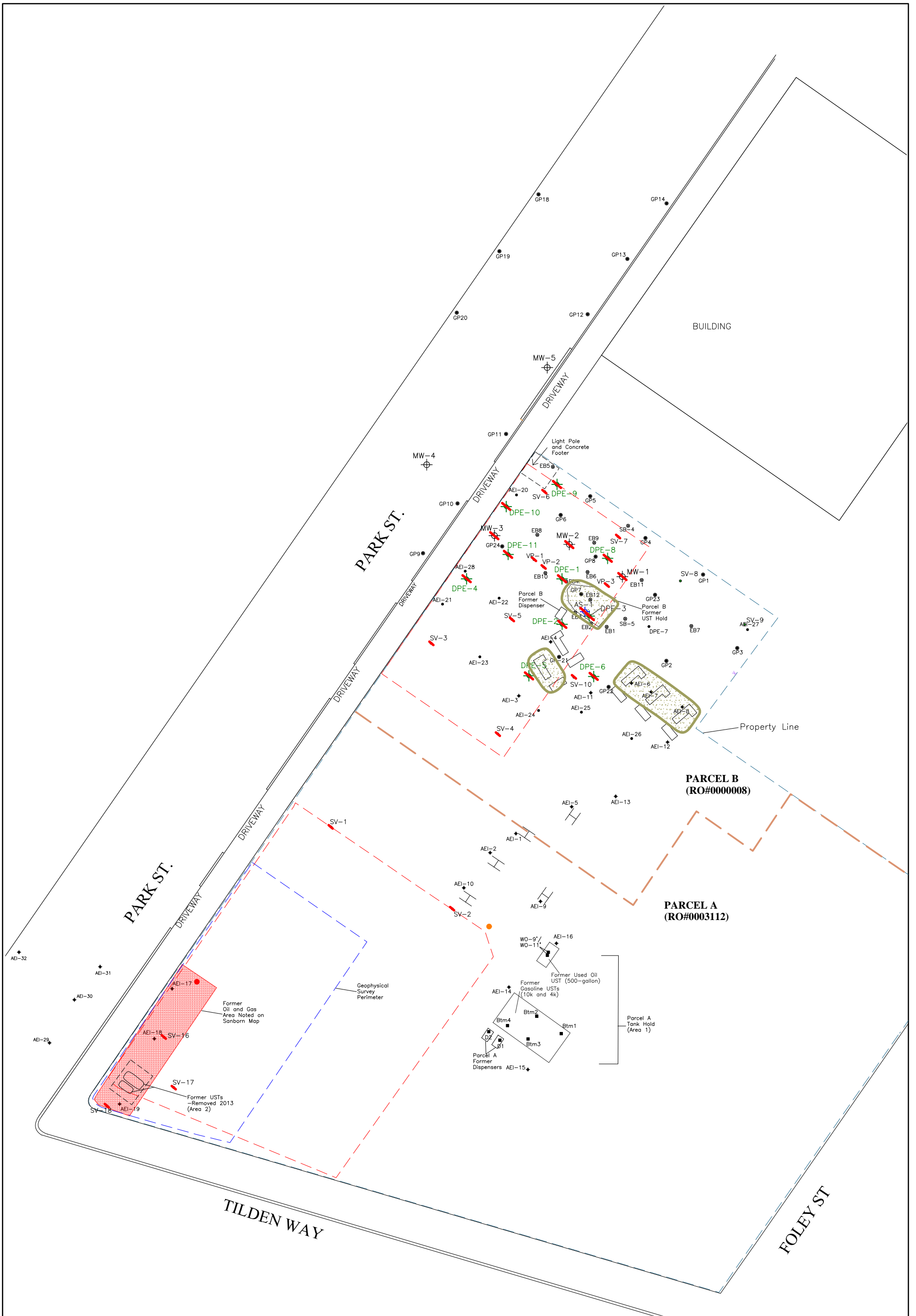


Source: USGS

FIGURE 1

Project Number: 298931

AEI
Consultants



LEGEND

- Former Remediation Well
- Groundwater Monitoring Well
- AEI Soil Boring
- Drum / Reservoir
- Parcel Split
- Proposed Buildings
- Former Hydraulic Lift with Excavation Extents
- Former Hydraulic Lift Grab Soil Sample
- Soil Boring (4/08)
- Soil Boring (Pre 1997)
- Former Vapor Probe

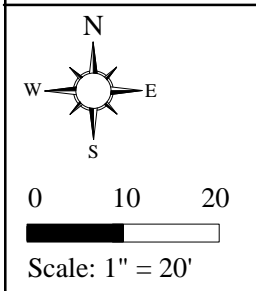
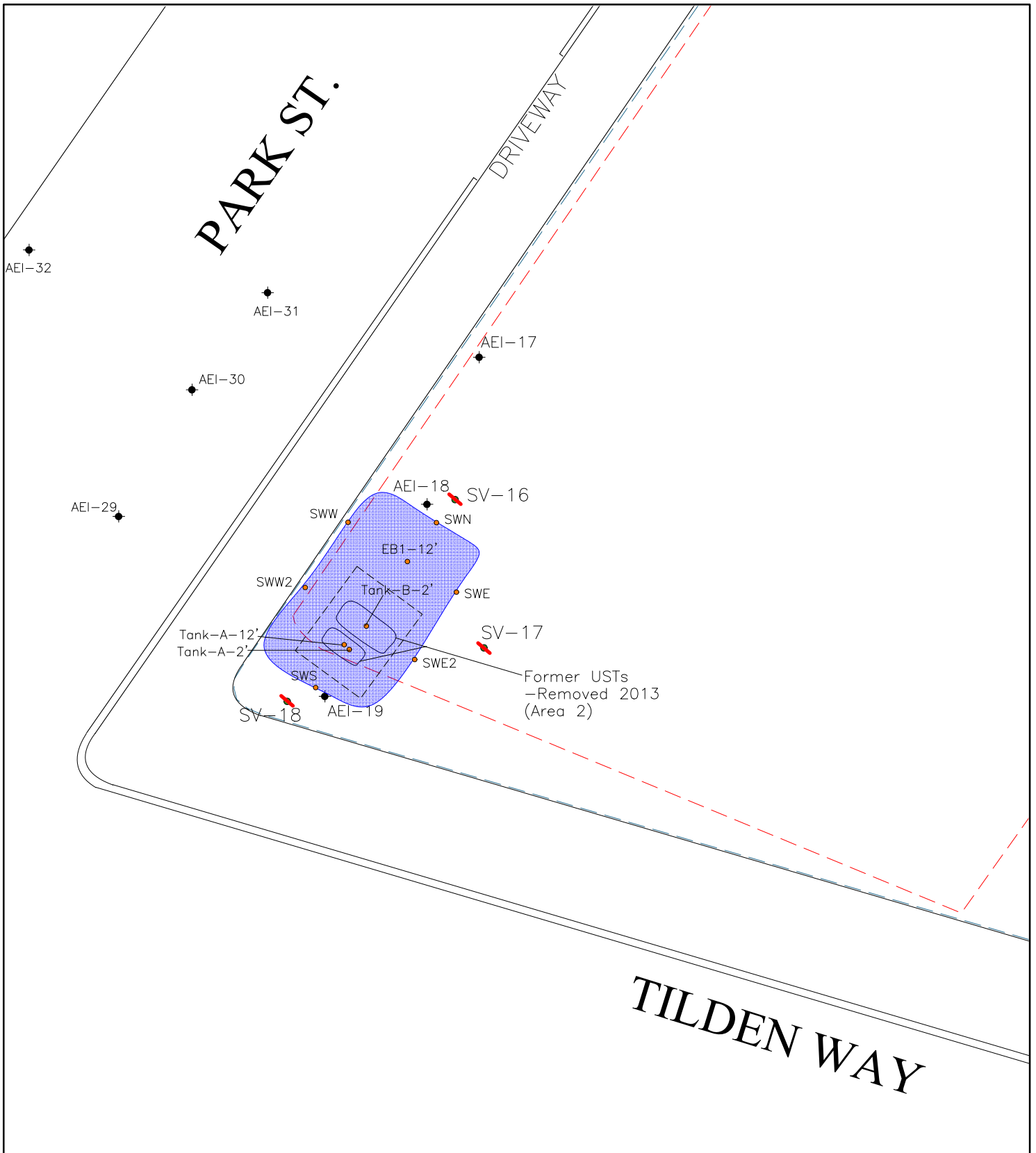
DRAFTED BY JAS 3-9-12
REVISED BY JAS 3-24-13

AEI CONSULTANTS
2500 CAMINO DIABLO, WALNUT CREEK

EXTENDED SITE PLAN

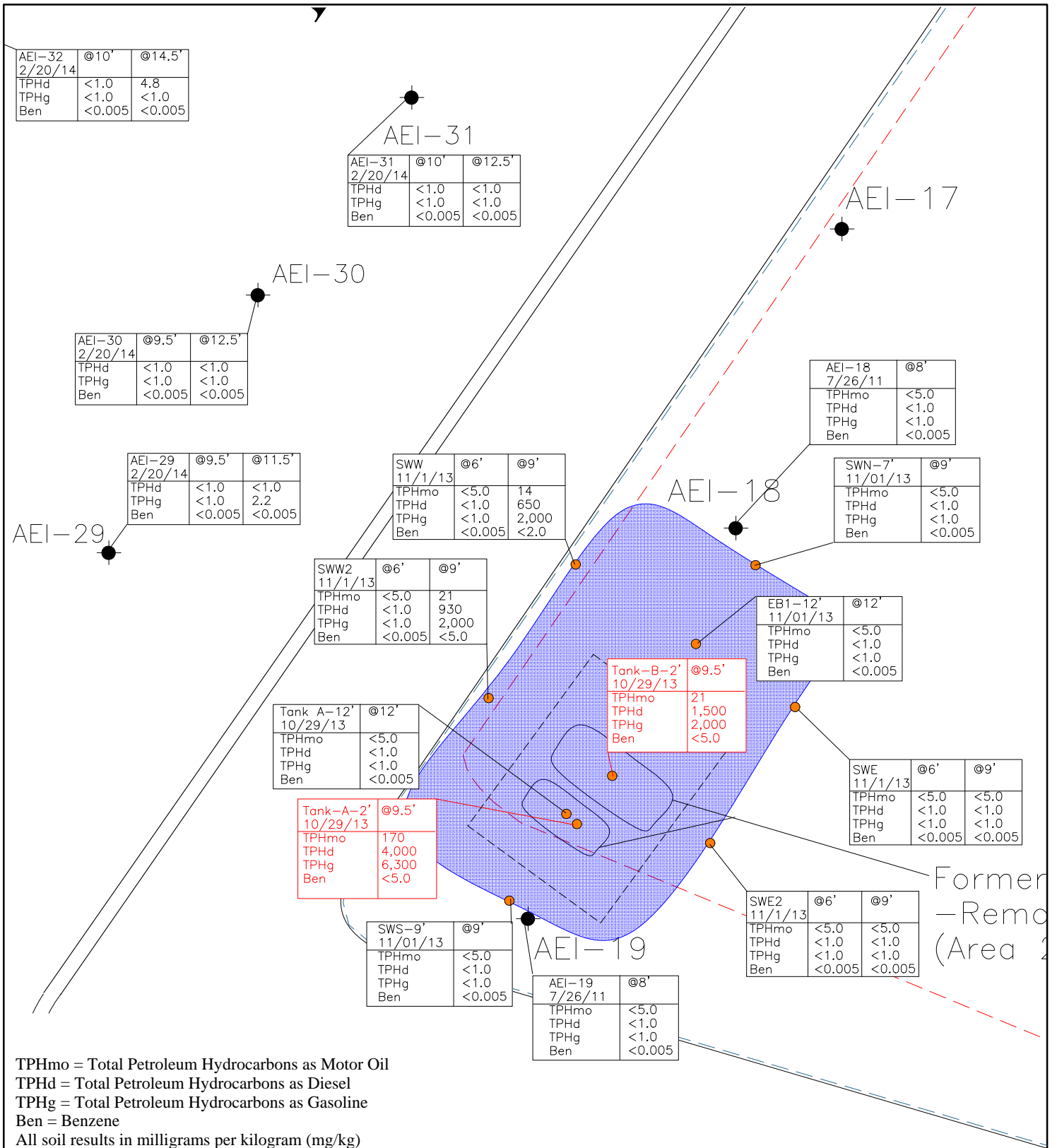
1600 PARK STREET
ALAMEDA, CALIFORNIA

FIGURE 2
PROJECT NO. 324771



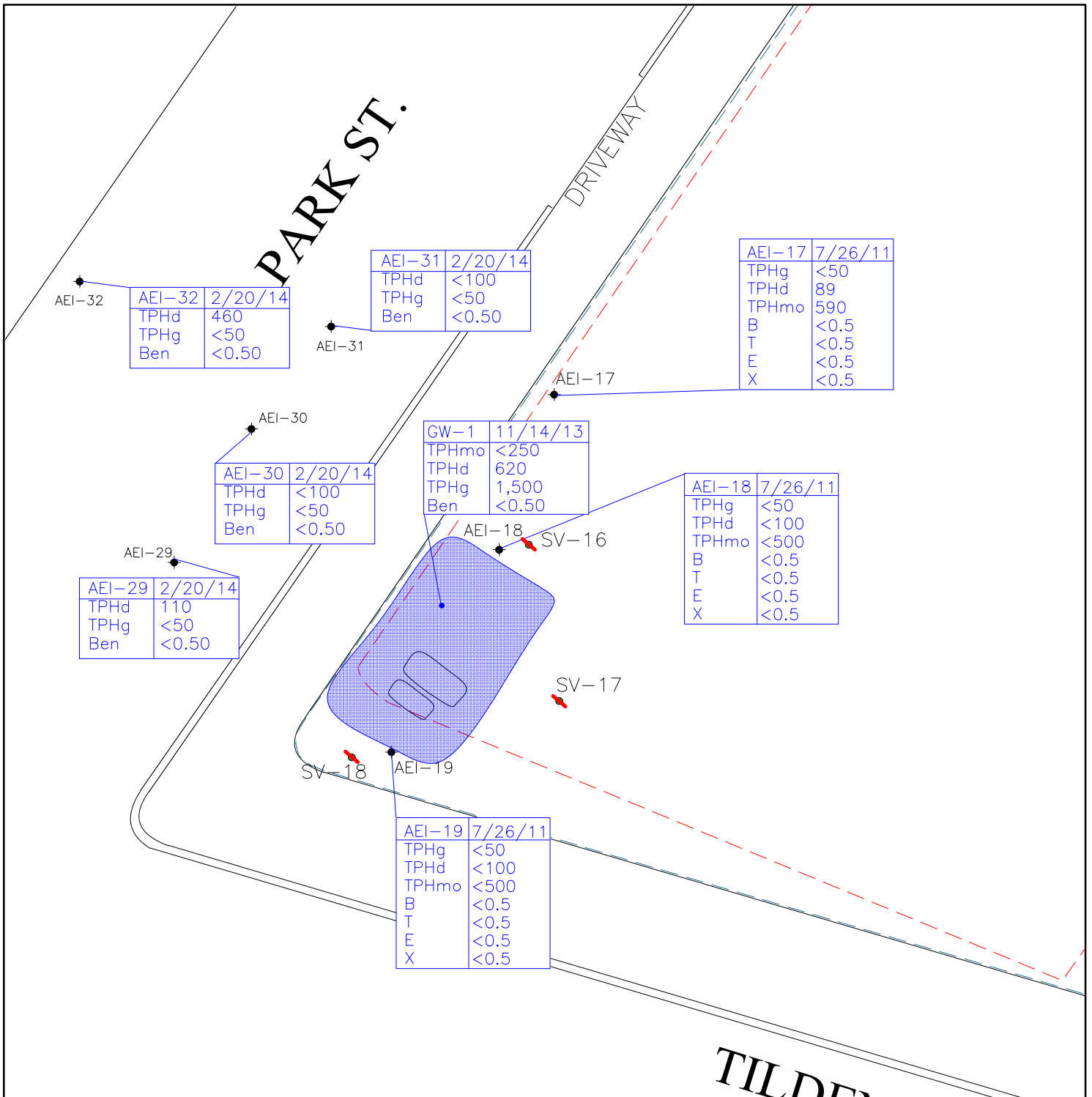
LEGEND		DRAFTED BY JAS 3-9-12 REVISED BY JAS 10-29-13	
	2013 Over-Excavation Extents		Grab Soil Sample
	Original UST Excavation Extent		Former Soil Vapor Probe
	USTs (Removed 10/29/13)		Proposed Buildings
	AEI Soil Boring		Property Line

AEI CONSULTANTS 2500 CAMINO DIABLO, WALNUT CREEK	
SITE PLAN	
1600 PARK STREET ALAMEDA, CALIFORNIA	FIGURE 3 PROJECT NO. 324771



TPHmo = Total Petroleum Hydrocarbons as Motor Oil
 TPHd = Total Petroleum Hydrocarbons as Diesel
 TPHg = Total Petroleum Hydrocarbons as Gasoline
 Ben = Benzene
 All soil results in milligrams per kilogram (mg/kg)
 Sample Excavated and Properly Disposed of.

<p>Scale: 1" = 10'</p>	<p>LEGEND</p> <ul style="list-style-type: none"> Excavation Extents USTs (Removed 10/29/13) AEI Soil Boring (7/11) Property Line Proposed Buildings Grab Soil Sample 	<p>DRAFTED BY JAS 3-9-12 REVISED BY JAS 4-15-14</p>	<p>AEI CONSULTANTS 2500 CAMINO DIABLO, WALNUT CREEK</p>
	<p>SOIL ANALYTICAL DATA</p>		
	<p>1600 PARK STREET ALAMEDA, CALIFORNIA</p>	<p>FIGURE 4 PROJECT NO. 324771</p>	



AEI-32

AEI-32	2/20/14
TPHd	460
TPHg	<50
Ben	<0.50

AEI-31

AEI-31	2/20/14
TPHd	<100
TPHg	<50
Ben	<0.50

AEI-17

AEI-17	7/26/11
TPHg	<50
TPHd	89
TPHmo	590
B	<0.5
T	<0.5
E	<0.5
X	<0.5

AEI-30

AEI-30	2/20/14
TPHd	<100
TPHg	<50
Ben	<0.50

GW-1

GW-1	11/14/13
TPHmo	<250
TPHd	620
TPHg	1,500
Ben	<0.50

AEI-18

AEI-18	7/26/11
TPHg	<50
TPHd	<100
TPHmo	<500
B	<0.5
T	<0.5
E	<0.5
X	<0.5

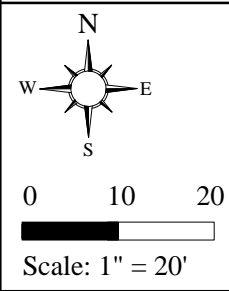
AEI-29

AEI-29	2/20/14
TPHd	110
TPHg	<50
Ben	<0.50

AEI-19

AEI-19	7/26/11
TPHg	<50
TPHd	<100
TPHmo	<500
B	<0.5
T	<0.5
E	<0.5
X	<0.5

TPHmo = Total Petroleum Hydrocarbons as Motor Oil
 TPHd = Total Petroleum Hydrocarbons as Diesel
 TPHg = Total Petroleum Hydrocarbons as Gasoline
 Ben = Benzene
 All water results in micrograms per liter (ug/L)



LEGEND

- 2013 Excavation Extents
- USTs (Removed 10/29/13)
- AEI Soil Boring
- Property Line
- Proposed Buildings
- Former Soil Vapor Probe

DRAFTED BY JAS 3-9-12
 REVISED BY JAS 3-12-14

AEI CONSULTANTS
 2500 CAMINO DIABLO, WALNUT CREEK

GROUNDWATER ANALYTICAL DATA

1600 PARK STREET
 ALAMEDA, CALIFORNIA

FIGURE 5
 PROJECT NO. 324771

TABLES

Table 1
Soil Sample Analytical Data - TPH and MBTEX
 AEI Project No. 324771, 1600 Park Street, Alameda, California

Sample ID	Date Collected	Approx. Depth (feet)	TPH-g (mg/kg)	TPH-d* (mg/kg)	TPH-mo* (mg/kg)	HEMSGT	MTBE (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)
EPA Method SW8260/8015B/m											
October / November 2013 Excavation Activities											
Tank-A-2'	10/29/2013	9.5'	6,300	4,000	170	170	<5.0	<5.0	<5.0	28	12
Tank-B-2'	10/29/2013	9.5'	2,000	1,500	21	<50	<5.0	<5.0	<5.0	<5.0	<5.0
Tank-A-12'	10/29/2013	12'	<1.0	<1.0	<5.0	-	<0.005	<0.005	<0.005	<0.005	<0.005
EB1-12'	11/1/2013	12'	<1.0	<1.0	<5.0	-	<0.005	<0.005	<0.005	<0.005	<0.005
SWN-7'	11/1/2013	9'	<1.0	<1.0	<5.0	-	<0.005	<0.005	<0.005	<0.005	<0.005
SWW-9'	11/1/2013	9'	2,000	650	14	-	<2.0	<2.0	<2.0	4.6	9.2
SWW-6'	11/1/2013	6'	<1.0	<1.0	<5.0	-	<0.005	<0.005	<0.005	<0.005	<0.005
SWE-9'	11/1/2013	9'	<1.0	<1.0	<5.0	-	<0.005	<0.005	<0.005	<0.005	<0.005
SWE-6'	11/1/2013	6'	<1.0	<1.0	<5.0	-	<0.005	<0.005	<0.005	<0.005	<0.005
SWW2-9'	11/1/2013	9'	2,000	930	21	-	<5.0	<5.0	<5.0	<5.0	<5.0
SWW2-6'	11/1/2013	6'	<1.0	<1.0	<5.0	-	<0.005	<0.005	<0.005	<0.005	<0.005
SWE2-9'	11/1/2013	9'	<1.0	<1.0	<5.0	-	<0.005	<0.005	<0.005	<0.005	<0.005
SWE2-6'	11/1/2013	6'	<1.0	<1.0	<5.0	-	<0.005	<0.005	<0.005	<0.005	<0.005
SWS-9'	11/1/2013	9'	<1.0	1.1	<5.0	-	<0.005	<0.005	<0.005	<0.005	<0.005
February 2014 Soil Boring Investigation											
AEI-29-9.5	2/20/2014	9.5'	<1.0	<1.0	NA	NA	<0.050	<0.005	<0.005	<0.005	<0.005
AEI-29-11.5	2/20/2014	11.5'	2.2	<1.0	NA	NA	<0.050	<0.005	<0.005	<0.005	<0.005
AEI-30-9.5	2/20/2014	9.5'	<1.0	<1.0	NA	NA	<0.050	<0.005	<0.005	<0.005	<0.005
AEI-30-12.5	2/20/2014	12.5'	<1.0	<1.0	NA	NA	<0.050	<0.005	<0.005	<0.005	<0.005
AEI-31-10	2/20/2014	10'	<1.0	<1.0	NA	NA	<0.050	<0.005	<0.005	<0.005	<0.005
AEI-31-12.5	2/20/2014	12.5'	<1.0	<1.0	NA	NA	<0.050	<0.005	<0.005	<0.005	<0.005
AEI-32-10	2/20/2014	10'	<1.0	<1.0	NA	NA	<0.050	<0.005	<0.005	<0.005	<0.005
AEI-32-14.5	2/20/2014	14.5'	<1.0	4.8	NA	NA	<0.050	<0.005	<0.005	<0.005	<0.005
ESL (Shallow Soil)	-	-	500	110	100	-	0.023	0.044	2.9	3.3	2.3
ESL (Deep Soil)	-	-	500	110	500	-	0.023	0.044	2.9	3.3	2.3

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

TPH = total petroleum hydrocarbons MTBE = methyl tertiary butyl ethyl

TPH-g = TPH as gasoline

TPH-d = TPH as diesel

TPH-mo = TPH as motor oil

MTBE = methyl tertiary butyl ethyl

HEMSGT = Hexane Extractable Material with Silica Gel Treatment

Soil Sample was over-excavated during source removal activities

ESL (Shallow Soil)= < 3 meters bgs, Commercial Land Use, groundwater is a current or potential drinking water source. From Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater - California Regional Water Quality Control Board - San Francisco Bay Region (Revised December 2013)

ESL (Deep Soil)= > 3 meters bgs, Commercial Land Use, groundwater is a current or potential drinking water source. From Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater - California Regional Water Quality Control Board - San Francisco Bay Region (Revised December 2013)

"<" = less than

"*" = with silica gel cleanup

"-" = not available

NA = not analyzed

Table 2
Soil Sample Analytical Data - VOCs and SVOCs
 AEI Project No. 324771, 1600 Park Street, Alameda, California

Sample ID	Date Collected	Approx. Depth (feet)	n-Butyl-benzene	Naphthalene	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	n-Propyl benzene	Isopropyl-benzene	Remaining VOCs	Naphthalene	2-Methyl-naphthalene	Remaining SVOCs
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)

EPA Method SW8260B

EPA Method SW8270C

October 2013 Excavation Activities

Tank-A-2'	10/29/2013	9.5'	14	36	<5.0	8.1	20	8.1	<RL	19	6.0	<RL
Tank-B-2'	10/29/2013	9.5'	6.8	8.2	<5.0	<5.0	<5.0	<5.0	<RL	<2.5	1.8	<RL
Tank-A-12'	10/29/2013	12'	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<RL	-	-	-
EB1-12'	11/1/2013	12'	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<RL	-	-	-
SWN-7'	11/1/2013	9'	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<RL	-	-	-
SWW-9'	11/1/2013	9'	3.6	5.8	36	6.8	4.0	<2.0	<RL	-	-	-
SWW-6'	11/1/2013	6'	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<RL	-	-	-
SWE-9'	11/1/2013	9'	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<RL	-	-	-
SWE-6'	11/1/2013	6'	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<RL	-	-	-
SWW2-9'	11/1/2013	9'	<5.0	6.2	<5.0	<5.0	<5.0	<5.0	<RL	-	-	-
SWW2-6'	11/1/2013	6'	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<RL	-	-	-
SWE2-9'	11/1/2013	9'	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<RL	-	-	-
SWE2-6'	11/1/2013	6'	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<RL	-	-	-
SWS-9'	11/1/2013	9'	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<RL	-	-	-
ESL (Shallow Soil)	-	-	-	1.2	-	-	-	-	-	-	0.25	-
ESL (Deep Soil)	-	-	-	1.2	-	-	-	-	-	-	0.25	-

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

VOCs = volatile organic compounds

"<" = less than

RL= reporting limit - see laboratory reports for sample specific dilution factors

Soil Sample was over-excavated during source removal activities

ESL (Shallow Soil)= < 3 meters bgs, Commercial Land Use, groundwater is a current or potential drinking water source. From Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater - California Regional Water Quality Control Board - San Francisco Bay Region (Revised December 2013)

ESL (Deep Soil)= > 3 meters bgs, Commercial Land Use, groundwater is a current or potential drinking water source. From Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater - California Regional Water Quality Control Board - San Francisco Bay Region (Revised December 2013)

Table 3
Soil Sample Analytical Data - Metals
 AEI Project No. 324771, 1600 Park Street, Alameda, California

Sample ID	Date Collected	Approx. Depth (feet)	Cd mg/kg	Cr (total) mg/kg	Pb mg/kg EPA Method SW6020	Ni mg/kg	Zn mg/kg
Tank-A-2'	10/29/2013	9.5'	<0.25	37	22	34	21
Tank-B-2'	10/29/2013	9.5'	<0.25	38	12	26	16
ESL (Shallow Soil)	-	-	12	-	320	150	600

Notes:

mg/kg = milligrams per kilogram

"-" = not available

Cd = Cadmium

Cr = Chromium

Pb = Lead

Ni = Nickel

Zn = Zinc

Soil Sample was over-excavated during source removal activities

ESL (Shallow Soil)= < 3 meters bgs, Commercial Land Use, groundwater is a current or potential drinking water source. From Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater - California Regional Water Quality Control Board - San Francisco Bay Region (Revised 2013)

Table 4
Soil Vapor Analytical Data

AEI Project No. 324771, 16100 Park Street, Alameda, CA

Sample ID	Date	TPH-g	Benzene	Toluene	Ethyl-benzene	PCE	TCE	4-Ethyltoluene	1,2,4-Trimethylbenzene	Tetrahydrofuran	Carbon Disulfide	Acetone	1,3,5-Trimethylbenzene	Other VOCs	Helium*	CO2	Methane	Oxygen
		(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(%)	(µL/L)	(µL/L)
Analyzed using Method TO15															Analyzed using ASTM D 1946-90			
SV-16	11/1/13	<720	8.2	8.7	2.6	4.9	4.4	<2.5	3.8	13	3.4	<60	<2.5	<RL	0.057	2,000	5.1	170,000
SV-17	11/1/13	<720	6.5	7.3	<2.2	9.3	<2.8	<2.5	3.2	<1.5	1.9	<60	<2.5	<RL	0.018	2,500	3.3	170,000
SV-18	11/1/13	2,700	5.0	7.1	2.7	11	<2.8	3.6	8.9	<1.5	<1.6	110	3.0	<RL	0.012	1,200	<1.0	170,000
ESL		1,200,000	420	1,300,000	4,900	2,100	3,000	--	--	--	--	140,000,000	--	NA	NA	NA	NA	NA

Notes:

µg/m³ = micrograms per cubic meter (ppbv)

µL/L = microliters per liter

* = Leak check compound; <5% of Tracer Concentration is Acceptable; or 1% assuming a 20% atmosphere was maintained.

<1.0 = Not detected above the laboratory reporting limit shown

Bold = Result exceeds screening criteria (ESL)

NA = Not applicable

-- = No value established

<RL = Less than laboratory reporting limit

ESL = Environmental Screening Levels, Table E-2, San Francisco Regional Water Quality Control Board (Commercial/Industrial, Shallow Soil, Drinking Water Aquifer), Revised May 2013

Table 5
Groundwater Analytical Data
 AEI Project No. 324771, 1600 Park Street, Alameda, California

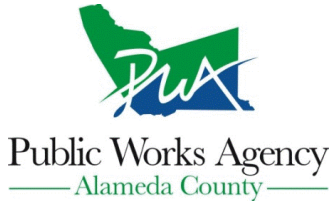
Sample ID	Date Collected	TPH-g (µg/L)	TPH-d* (µg/L)	TPH-mo* (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	Acetone (µg/L)	2-Butanone (µg/L)	n-Butyl Alcohol (µg/L)	sec-Butyl benzene (µg/L)	4-Isopropyl-toluene (µg/L)	1,2,4-Trimethyl-benzene (µg/L)	1,3,5-Trimethyl-benzene (µg/L)	Remaining VOCs
EPA Method SW8260B/8015Bm																	
GW-1	11/4/2013	1,500	620	<250	<0.50	<0.50	0.93	13	<0.50	10	4.8	2.7	0.65	0.98	2.3	15	<RL
EPA Method SW8021B/8015Bm																	
AEI-29	2/20/2014	<50	110	NA	<0.50	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA	NA	NA	NA	NA
AEI-30	2/20/2014	<50	<100	NA	<0.50	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA	NA	NA	NA	NA
AEI-31	2/20/2014	<50	<100	NA	<0.50	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA	NA	NA	NA	NA
AEI-32	2/20/2014	<50	460	NA	<0.50	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA	NA	NA	NA	NA
ESLs - DW	-	100	100	100	1.0	40	30	20	5	1,500	-	-	-	-	-	-	-
ESLs - Estuary	-	500	640	640	46	130	43	100	8,000	1,500	-	-	-	-	-	-	-
Aquatic Habitat Goal	-	500	640	640	46	130	43	100	8,000	1,500	-	-	-	-	-	-	-

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 tert butyl ether
 VOCs = volatile organic compounds
 RL = reporting limit
 "*" = with silica gel cleanup
 "-" = not available
 NA = Not analyzed
 "<" = less than

ESL = Environmental Screening Levels, Table F-1a, San Francisco Regional Water Quality Control Board (Potential Drinking Water Aquifer), Revised December 2013

APPENDIX A
PERMITS

Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 02/19/2014 By jamesy

Permit Numbers: W2014-0152
Permits Valid from 02/20/2014 to 02/20/2014

Application Id: 1392144776967
Site Location: 1600 Park Street
Project Start Date: 02/20/2014
Assigned Inspector: Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org

City of Project Site: Alameda

Completion Date: 02/20/2014

Applicant: AEI Consultants - Jeremy Smith
2500 Camino Diablo, Walnut Creek, CA 94597

Phone: 925-746-6000 x1128

Property Owner: John Buestad
2533 Clement Ave., Alameda, CA 94501

Phone: --

Client: ** same as Property Owner **

Receipt Number: WR2014-0055 Total Due: \$265.00
Payer Name : Jeremy Smith Total Amount Paid: \$265.00
Paid By: VISA PAID IN FULL

Works Requesting Permits:

Borehole(s) for Investigation-Contamination Study - 5 Boreholes
Driller: Environmental Control Associates - Lic #: 695970 - Method: DP

Work Total: \$265.00

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2014-0152	02/19/2014	05/21/2014	5	2.00 in.	20.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.
2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.
3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
4. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.
5. Applicant shall contact Steve Miller for an inspection time at (510) 670-5517 or email to stevem@acpwa.org at least

Alameda County Public Works Agency - Water Resources Well Permit

five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

6. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.

7. NOTE:

Under California laws, the owner/operator are responsible for reporting the contamination to the governmental regulatory agencies under Section 25295(a). The owner/operator is liable for civil penalties under Section 25299(a)(4) and criminal penalties under Section 25299(d) for failure to report a leak. The owner/operator is liable for civil penalties under Section 25299(b)(4) for knowing failure to ensure compliance with the law by the operator. These penalty provisions do not apply to a potential buyer.

8. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

9. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

10. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

11. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

12. Applicant shall contact Steve Miller for an inspection time at (510) 670-5517 or email to stevem@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

13. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.

14. NOTE:

Under California laws, the owner/operator are responsible for reporting the contamination to the governmental regulatory agencies under Section 25295(a). The owner/operator is liable for civil penalties under Section 25299(a)(4) and criminal penalties under Section 25299(d) for failure to report a leak. The owner/operator is liable for civil penalties under Section 25299(b)(4) for knowing failure to ensure compliance with the law by the operator. These penalty provisions do not apply to a potential buyer.

15. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this

Alameda County Public Works Agency - Water Resources Well Permit

permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.



CITY OF ALAMEDA
 2263 SANTA CLARA AVENUE, ROOM 190
 ALAMEDA, CA 94501

(510) 747-6800
 FAX (510) 747-6804

RIGHT OF WAY PERMIT: EX11-0030

Applicant Information

AEI CONSULTANTS
 3210 OLD TUNNEL ROAD SUITE B
 LAFAYETTE CA
 925-283-6000

Contractor Information

AEI CONSULTANTS
 3210 OLD TUNNEL ROAD SUITE B
 LAFAYETTE CA
 925-283-6000

Owner Information

GOOD CHEVROLET CORPORATION
 1630 PARK ST
 ALAMEDA CA 94501-2921

Project Information

Status: **Issued** Applied: **06/07/2011** Issued: **06/21/2011**
 Type: **Right-of-Way Permit** Finaled: Expires:
 Category: **NA**
 Sub-Type: **NA**
 Parcel Number: **070-0191-035-01** Valuation: **\$1,200.00**
 Job Address: **1630 PARK ST**
 Work Description: **EXCAVATE ~ GROUNDWATER WELL DEVELOPEMENT & MONITORING OF ONE WELL**

<u>ITEM #</u>	<u>FEE DESCRIPTION</u>	<u>ACCOUNT CODE</u>	<u>UNITS</u>	<u>FEE AMOUNT</u>	<u>PAID</u>
1160	Business License Fee	HOLD BL	77	\$77.00	\$77.00
250	Filing Fee	481003-37450 (1050)	1	\$43.00	\$43.00
2999	Technology Fee	481003-33063 (1051)	1	\$5.10	\$5.10
620	Records Management Fee	482001-37900 (6210)	2	\$7.70	\$7.70
839	Excavation Permit Inspection Fee - Point Repair - Each Location	4210-37190 (6321)	1	\$59.00	\$59.00
901	Deposit - Public Works	001-22531 (6209)	500	\$500.00	\$500.00
965	Community Planning Fee	481005-33064 (8765)	1	\$3.60	\$3.60
TOTALS:				\$695.40	\$695.40

<u>RECEIPT #</u>	<u>PAYMENT METHOD</u>	<u>CHECK #</u>	<u>PAYOR:</u>	<u>RECEIPT DATE</u>	<u>RECEIPT AMOUNT</u>
470597	Check	1120	BRYAN CAMPBELL	06/07/2011	\$695.40
Cashier: LFOYE					
Total Payments:					\$695.40
Balance Due:					\$0.00



CITY OF ALAMEDA
2263 SANTA CLARA AVENUE, ROOM 190
ALAMEDA, CA 94501

(510) 747-6800
FAX (510) 747-6804

**** See application for additional requirements ****

INSPECTIONS

(510) 747-7130

Note: All construction within the public right of way must have barricades with flashers for night time protection

This is to certify that the above work has been completed to my satisfaction and approval.

Date

Inspector



City of Alameda
2263 Santa Clara Avenue, Room 190
Alameda, CA 94501
(510) 747-6800

Submit in Duplicate

RIGHT-OF-WAY PERMIT APPLICATION SERVICE NUMBER

DATE June 2, 2011

Application is hereby made to occupy or perform work in the public right-of-way on the northwest side of
NB Park Street Ave./ St. 30 feet northwest
Of Good Cheverolet at 1630 Park Street

House No. 1630 Park Street Owner Good Cheverolet Corporation

For the purpose of groundwater well development and monitoring of one well (MW-4)

Name of Applicant Bryan Campbell Address 2500 Camino Diablo City/State San Ramon, CA
Contractor's License No. 654919 Class A Haz City Business License No. Phone Number (925) 746-6000

INDICATE LOCATION BELOW OR ATTACH SEPARATE SHEET SHOWING LOCATION

JOB SITE COPY

PLEASE NOTE THE FOLLOWING:

- Urban runoff program requires that no contaminants, including dirt, enter the storm drain system. Contractor is required to protect inlets. Failure to comply is subject to \$200/day fine.
- 48 hour advance notice is required for inspection. Contact: Engineering Division, Construction Inspection office ☎ 749-5840. Required Inspections: Trenching, backfill, concrete, traffic/pedestrian detours, urban runoff, final inspection. Failure to obtain inspection prior to work may result in rejection of said work.
- All striping, painted graphics and pavement markers damaged or destroyed by street excavation work must be restored by the permittee.
- All construction within the Public Right-of-Way must have barricades with flashers for night time protection.
- All work involved is to be done in accordance with standard City of Alameda specifications and City of Alameda practices, all to the satisfaction of the City Engineer. Standard details are attached. Inspection charges shall be paid to the City monthly.
- Processing time for routine permits is 5 days. Permits requiring extensive research may require up to 15 days.
- FAILURE TO OBTAIN INSPECTIONS PRIOR TO COMPLETION OF WORK IS SUBJECT TO ADDITIONAL INSPECTION COSTS AT A RATE OF \$32.70 PER HOUR.**

Acceptance of this permit constitutes acceptance of the conditions included.

[Signature]
APPLICANT SIGNATURE

Date 6/7/2011

RECEIVED
JUN 07 2011
PERMIT ENGINEER

SPECIAL CONDITIONS

- NO OPEN TRENCH CUTTING
- STATE PERMIT REQUIRED
- ADDITIONAL SETS OF PLANS AND SPECIFICATIONS TO THE ENGINEERING DIVISION PRIOR TO CONSTRUCTION
OF SETS
- OTHER

RECEIVED DATE 6/7/11 SIGNED [Signature] PERMIT NO. EX11-0030
 APPROVED DATE 6-15-11 SIGNED [Signature]
 ISSUED DATE SIGNED

Applicant: Please check work to be performed

WORK PERFORMED	STANDARDS AND DETAILS	Inspection Required	Estimated Inspection Time (# of Hrs)	Fee per Hour
SAW CUTTING	Urban Runoff controls including sandbagging inlets and either vacuum OR street sweeping	Daily		\$33.80
X LANE CLOSURE	Contractor must provide detour plan prior to closure and include signage, cones, lighted barricades to Engineering Office. If parking lane is obstructed by work, contractor must PURCHASE "No Parking, Tow-away Signs" and post 48 hours in advance.	After placing detour controls At removal of detour controls		\$33.80
STREET DETOUR	Contractor must provide detour plan prior to detour and include signage, cones, lighted barricades. If parking lane is obstructed by work, contractor must PURCHASE "No Parking, Tow-away Signs" and post 48 hours in advance.	After placing detour controls At removal of detour controls		\$16.35
SIDEWALK CLOSURE/ DETOUR	Contractor must provide property signage, cones, lighted barricades to the nearest crosswalk.	After placing detour controls At removal of detour controls		\$16.35
TRENCHING	Standard Detail 2930, Case 22 -- Trenches must be plated and if in travel lane, must be filleted. Plates cannot remain for more than 5 days; cutback is required after 5 days	Once plates are in place.		\$33.80
BACK FILL	City requires 90% minimum compaction under sidewalks; and 95% minimum compaction under streets, and driveways and curbs and gutters. Contractor must provide compaction testing results from an accredited lab prior to covering work.	Completion of backfill compaction.		\$33.80
CONCRETE WORK	Standard Details 6297, Case 24 -- Form work and Pour.	Form work Approval of mix design		\$38.05
FINAL INSPECTION	Clean-up of all Right-of-Way; repair of all damages.	At completion of work		\$33.80
INSPECTION FEE TOTAL				\$

Inspection must be scheduled at least **48-hours in advance**. inspection call (510) 749-5480.



**CITY OF ALAMEDA
INDEMNITY AND HOLD HARMLESS AGREEMENT**

AEI Consultants

whose address is 2500 Camino Diablo, Walnut Creek, CA

(hereinafter "Indemnitor") inconsideration of
Groundwater well development and monitoring at
1630 Park Street in Alameda, CA

agrees to the following terms and conditions:

Indemnitor shall defend, indemnify and hold harmless the City of Alameda, its City Council, Boards and Commissions, officers and employees from and against any and all loss, damages, liability, claims, suits, costs and expenses whatsoever, including reasonable attorney's fees, regardless of the merit of outcome of any such claim or suit arising from or in any manner connected to the services or work conducted or performed pursuant to this Agreement.

Indemnitor shall defend, indemnify and hold harmless the City of Alameda, its City Council, Boards and Commissions, officers and employees from and against any and all loss, damages, liability claims, suits, costs and expenses whatsoever, including reasonable attorney's fees, accruing or resulting to any and all persons, firms, or corporations furnishing or supplying work, services, materials, equipment or supplies arising from or in any manner connected to the services or work conducted or performed pursuant to this Agreement.

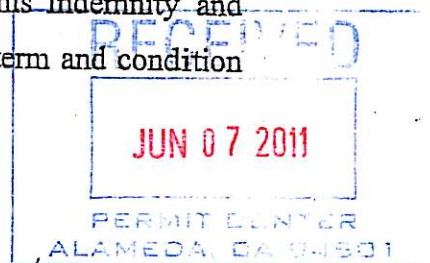
By the signature below, Indemnitor agrees that it has read this Indemnity and Hold Harmless Agreement and accepts and agrees to each and every term and condition herein.

INDEMNITOR:

Holly Neber
Signature

DATED 6/21/2011

Holly Neber
Print Name



Applicant Notice - Right of Way Permits

In the past two years, the City has experienced a dramatic increase in the number of companies seeking permits to install telecommunications-related facilities in the rights-of-way, resulting in a proliferation of street cuts and the installation of associated equipment, which, among other things, have had an adverse impact on the life and quality of the rights-of-way within the City.

As a result, the City is currently re-evaluating its current right-of-way management policies, and is in the process of preparing a revised, comprehensive ordinance that will establish and/or reinforce policies and procedures designed to enable the City to more effectively manage and control its rights-of-ways.

The City does not wish to hold-up new permit applications during this process, thus, the City has decided not to issue a blanket moratorium on new street-cut permits at this time. However, effective immediately, each new street cut permit issued shall be contain the following condition:

By accepting this permit, the holder warrants and agrees that it shall comply with each and every provision of the right-of-way management ordinance that the City is currently preparing. The permit-holder further acknowledges and agrees that compliance with the provisions of the future right-of-way management ordinance is a condition to the continued effectiveness of the permit. Nothing herein is intended to prevent the permit-holder from claiming that a particular provision of the ordinance is prohibited by applicable law, provided that by accepting this permit, the permit-holder agrees that in the event that it raises such a claim, it will nevertheless comply with the subject ordinance provision unless and until permit-holder has been released from the obligation to comply by the City or by a court of competent jurisdiction.

This condition shall be attached to and become a part of each new street-cut permit issued by the City, with the exception of permits for maintenance and/or repair requested by our existing franchised cable providers and the other utilities maintaining or repairing their existing facilities.

I have read the above and acknowledge the condition to the Permit No. _____

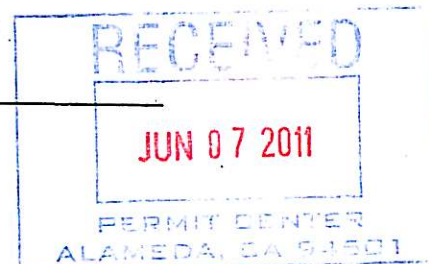
Company: AET CONSULTANTS

Authorized Agent:

Bryan Campbell
Print Name

[Signature]
Signature

6/7/11
Date





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
06/07/2011

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER 1-630-773-3800 Arthur J. Gallagher Risk Management Services, Inc. Two Pierce Place Itasca, IL 60143	CONTACT NAME: PHONE (A/C, No, Ext): E-MAIL ADDRESS: Diane_Bond@AJG.com PRODUCER CUSTOMER ID #:	FAX (A/C, No):														
INSURED All Environmental, Inc. dba AEI Consultants 2500 Camino Diablo Walnut Creek, CA 94597-3998	<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A: CHARTIS SPECIALTY INS CO</td> <td>26883</td> </tr> <tr> <td>INSURER B:</td> <td></td> </tr> <tr> <td>INSURER C:</td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </tbody> </table>		INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: CHARTIS SPECIALTY INS CO	26883	INSURER B:		INSURER C:		INSURER D:		INSURER E:		INSURER F:	
INSURER(S) AFFORDING COVERAGE	NAIC #															
INSURER A: CHARTIS SPECIALTY INS CO	26883															
INSURER B:																
INSURER C:																
INSURER D:																
INSURER E:																
INSURER F:																

COVERAGES **CERTIFICATE NUMBER:** 21637094 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR_WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractors <input checked="" type="checkbox"/> Pollution Liability GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC		PROP13309619	11/02/10	11/02/11	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 25,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS					COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ \$
A	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DEDUCTIBLE RETENTION \$		PROU13309626	11/02/10	11/02/11	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below Y/N <input type="checkbox"/> N/A					<input type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	Professional Liability		PROP13309619	11/02/10	11/02/11	Limit : 1,000,000
A	Mold Coverage		PROP13309619	11/02/10	11/02/11	Limit : 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
City of Alameda, its council, Officers, Employees, Volunteers, Boards and Commissions are shown as Additional Insureds solely with respect to to General Liability coverage as evidenced herein as required by written contract with respect to work performed by the named insured.

RECEIVED
 JUN 07 2011
 PERMIT CENTER
 ALAMEDA, CA 94501

CERTIFICATE HOLDER City of Alameda 2263 Santa Clara Alameda, CA 94501 USA	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE <i>Thomas O. Gallagher</i>
--	--

ENDORSEMENT NO. 12

This endorsement, effective 12:01 AM, November 2, 2010

Forms a part of Policy No: PROP 13309619

Issued to: ALL ENVIRONMENTAL, INC.

By: CHARTIS SPECIALTY INSURANCE COMPANY

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED ENDORSEMENT
COVERAGE A, B AND C

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY AND PROFESSIONAL LIABILITY POLICY

SCHEDULE

Name of Person or Organization:

BLANKET AS REQUIRED BY WRITTEN CONTRACT OR AGREEMENT

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement)

It is hereby agreed that Section II of the policy, WHO IS AN INSURED is amended to include as an insured the person or organization shown in the schedule above as respects Insuring Agreements A, B and C, but only with respect to liability arising out of your ongoing operations performed by you or on your behalf for that insured. Coverage is not afforded for the additional insured's own liability, which arises solely out of its acts or omissions.

The entities scheduled above are covered under this Policy only for limits of liability up to but not exceeding the amount required by the written contract with the insured and subject to the limits of liability of this Policy.

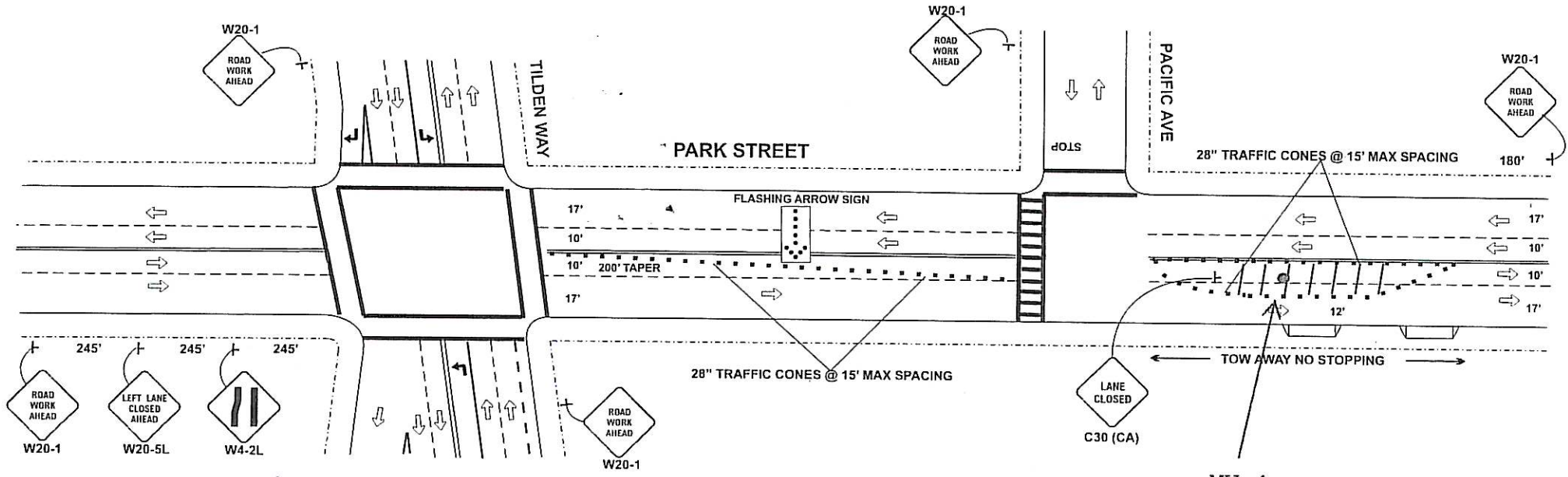
All other terms, conditions, and exclusions shall remain the same.



AUTHORIZED REPRESENTATIVE
or countersignature (in states where applicable)



TRAFFIC CONTROL PLAN - 1630 PARK STREET, ALAMEDA (MW-4)



MW-4

Scope of work

- Redevelop and sample well MW-4.
- Open well box, surge the well, and sample the ground water.
- Close and bolt the well box.



PREPARED BY: ROBERT SCULLY
 HIGHWAY TECHNOLOGIES, INC.
 1277 OLD BAYSHORE HWY.
 SAN JOSE CA, 95112
 (408) 295-8210
 (408) 998-5939 FAX
 C-31 C-32 CONTRACTORS LIC. 796782

APPENDIX B
BORING LOGS



AEI Consultants

BORING NUMBER AEI-29

PAGE 1 OF 1

CLIENT Foley Street Investments **PROJECT NAME** Parcel A
PROJECT NUMBER 324771 **PROJECT LOCATION** 1600 Park Street, Alameda, California
DATE STARTED 2/20/14 **COMPLETED** 2/20/14 **GROUND ELEVATION** _____ **HOLE SIZE** 2 inches
DRILLING CONTRACTOR ECA **GROUND WATER LEVELS:**
DRILLING METHOD Direct Push **AT TIME OF DRILLING** ---
LOGGED BY John Pendleton **CHECKED BY** _____ **AT END OF DRILLING** ---
NOTES _____ **AFTER DRILLING** ---

AEI BORING - GINT STD US LAB.GDT - 4/10/14 15:26 - X:\PROJECTS\CHARACTERIZATION & REMEDIATION\ADVANCED REMEDIATION\BUESTAD SMP (324771) ALAMEDA - JASBORING LOGS\BORINGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0					Asphalt and Fill, old base and asphalt layers	
3.0						
5.0					(SP) Poorly graded sand, brown (10yr 4/3), fine grained (0,100,0) moist, loose	
5.0					(SP) sand with silt, poorly graded, brown, fine grained	
6.5	AEI-29-6		0			
8.0					(SP) Poorly graded sand, brown, fine grained, wet, soft, gray throughout, slight odor	
10.5	AEI-29-9.5		10.5			
11.5	AEI-29-11.5		104			
15.0					(SP) Poorly graded sand, (10yr 4/3), wet to saturated, soft (0,100,0)	
15.5	AEI-29-15.5		0			
16.0						

Bottom of borehole at 16.0 feet.



AEI Consultants

BORING NUMBER AEI-30

CLIENT Foley Street Investments
PROJECT NUMBER 324771
DATE STARTED 2/20/14 **COMPLETED** 2/20/14
DRILLING CONTRACTOR Environmental Control Associates, Inc.
DRILLING METHOD Direct Push
LOGGED BY John Pendleton **CHECKED BY** _____
NOTES _____

PROJECT NAME Parcel A
PROJECT LOCATION 1600 Park Street, Alameda, California
GROUND ELEVATION _____ **HOLE SIZE** 2 inches
GROUND WATER LEVELS:
AT TIME OF DRILLING ---
AT END OF DRILLING ---
AFTER DRILLING ---

AEI BORING - GINT STD US LAB.GDT - 4/10/14 15:26 - X:\PROJECTS\CHARACTERIZATION & REMEDIATION\ADVANCED REMEDIATION\BUESTAD SMP (324771) ALAMEDA - JASBORING LOGS\BORINGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0					Asphalt and fill, old base and asphalt layers	
3.5						
					(SP) Poorly graded, fine sand, brown (10yr 4/3) moist, (0,100,0)	
5						
	AEI-30-6		<1			
10	AEI-30-9.5		0		(SP) Poorly graded sand, gray, slight odor, moist-wet	
	AEI-30-12.5		0		(SP) Brown, saturated, poorly graded sand, (0,100,0)	
15						
	AEI-30-15.5		0			
16.0						

Bottom of borehole at 16.0 feet.



AEI Consultants

BORING NUMBER AEI-31

CLIENT Foley Street Investments
 PROJECT NUMBER 324771
 DATE STARTED 2/20/14 COMPLETED 2/20/14
 DRILLING CONTRACTOR Environmental Control Associates, Inc.
 DRILLING METHOD Direct Push
 LOGGED BY John Pendleton CHECKED BY _____
 NOTES _____

PROJECT NAME Parcel A
 PROJECT LOCATION 1600 Park Street, Alameda, California
 GROUND ELEVATION _____ HOLE SIZE 2 inches
 GROUND WATER LEVELS:
 AT TIME OF DRILLING ---
 AT END OF DRILLING ---
 AFTER DRILLING ---

AEI BORING - GINT STD US LAB.GDT - 4/10/14 15:26 - X:\PROJECTS\CHARACTERIZATION & REMEDIATION\ADVANCED REMEDIATION\BUESTAD SMP (324771) ALAMEDA - JASBORING LOGS\BORINGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0					Asphalt and fill	
3.5					(SP) Poorly graded sand with silt, silt content decreases with depth, moist, soft, brown (10yr 3/5)	
5	AEI-31-6		0			
8.0					(SP) Poorly graded sand with silt, silt content decreases with depth, moist, soft, brown (10yr 3/5), wet to saturated at 10'	
10	AEI-31-10		0		(SP) Sand, poorly graded, wet, gray, slight odor (degraded fuel)	
11.0					(SP) Poorly graded sand, brown (10yr 4/5), saturated	
12.5	AEI-31-12.5		<1			
15						
15.5	AEI-31-15.5		0			
16.0					Bottom of borehole at 16.0 feet.	



AEI Consultants

BORING NUMBER AEI-32

PAGE 1 OF 1

CLIENT Foley Street Investments
 PROJECT NUMBER 324771
 DATE STARTED 2/20/14 COMPLETED 2/20/14
 DRILLING CONTRACTOR Environmental Control Associates, Inc.
 DRILLING METHOD Direct Push
 LOGGED BY John Pendleton CHECKED BY _____
 NOTES _____

PROJECT NAME Parcel A
 PROJECT LOCATION 1600 Park Street, Alameda, California
 GROUND ELEVATION _____ HOLE SIZE 2 inches
 GROUND WATER LEVELS:
 AT TIME OF DRILLING ---
 AT END OF DRILLING ---
 AFTER DRILLING ---

AEI BORING - GINT STD US LAB.GDT - 4/10/14 15:26 - X:\PROJECTS\CHARACTERIZATION & REMEDIATION\ADVANCED REMEDIATION\BUESTAD SMP (324771) ALAMEDA - JASBORING LOGS\BORINGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0					Asphalt and fill	
2.0						
					(SP) Sand, Poorly graded, brown, saturated at 8', saturated to wet at 14'	
5						
	AEI-32-6.5		<1			
10						
	AEI-32-10		<1			
15						
	AEI-32-14.5		0			
15.0						

Bottom of borehole at 15.0 feet.

APPENDIX C

LABORATORY ANALYTICAL REPORTS



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1402752

Report Created for: AEI Consultants
2500 Camino Diablo, Ste.#200
Walnut Creek, CA 94597

Project Contact: Jeremy Smith
Project P.O.: #52702
Project Name: #324771; FSI

Project Received: 02/20/2014

Analytical Report reviewed & approved for release on 02/27/2014 by:

Question about
your data?

[Click here to email
McC Campbell](#)

Angela Rydelius,
Laboratory Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.





Glossary of Terms & Qualifier Definitions

Client: AEI Consultants
Project: #324771; FSI
WorkOrder: 1402752

Glossary Abbreviation

95% Interval	95% Confident Interval
DF	Dilution Factor
DUP	Duplicate
EDL	Estimated Detection Limit
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Not detected at or above the indicated MDL or RL
NR	Matrix interferences, 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.
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
TEQ	Toxicity Equivalence

Analytical Qualifier

a4	the reporting limits were raised due to the sample's matrix prohibiting a full volume extraction.
d9	no recognizable pattern
e2	diesel range compounds are significant; no recognizable pattern
e7	oil range compounds are significant



Analytical Report

Client: AEI Consultants
Project: #324771; FSI
Date Received: 2/20/14 18:36
Date Prepared: 2/21/14-2/25/14

WorkOrder: 1402752
Extraction Method: SW5030B
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
AEI-29-9.5	1402752-003A	Soil	02/20/2014 10:40	GC19	87493
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g)	ND		1.0	1	02/26/2014 14:18
MTBE	ND		0.050	1	02/26/2014 14:18
Benzene	ND		0.0050	1	02/26/2014 14:18
Toluene	ND		0.0050	1	02/26/2014 14:18
Ethylbenzene	ND		0.0050	1	02/26/2014 14:18
Xylenes	ND		0.0050	1	02/26/2014 14:18
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
2-Fluorotoluene	102		70-130		02/26/2014 14:18
AEI-29-11.5	1402752-004A	Soil	02/20/2014 10:35	GC19	87358
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g)	2.2		1.0	1	02/25/2014 01:20
MTBE	ND		0.050	1	02/25/2014 01:20
Benzene	ND		0.0050	1	02/25/2014 01:20
Toluene	ND		0.0050	1	02/25/2014 01:20
Ethylbenzene	ND		0.0050	1	02/25/2014 01:20
Xylenes	ND		0.0050	1	02/25/2014 01:20
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	Analytical Comments: d9	
2-Fluorotoluene	86		70-130		02/25/2014 01:20
AEI-30-9.5	1402752-007A	Soil	02/20/2014 11:45	GC19	87358
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g)	ND		1.0	1	02/21/2014 22:43
MTBE	ND		0.050	1	02/21/2014 22:43
Benzene	ND		0.0050	1	02/21/2014 22:43
Toluene	ND		0.0050	1	02/21/2014 22:43
Ethylbenzene	ND		0.0050	1	02/21/2014 22:43
Xylenes	ND		0.0050	1	02/21/2014 22:43
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
2-Fluorotoluene	99		70-130		02/21/2014 22:43

(Cont.)



Analytical Report

Client: AEI Consultants
Project: #324771; FSI
Date Received: 2/20/14 18:36
Date Prepared: 2/21/14-2/25/14

WorkOrder: 1402752
Extraction Method: SW5030B
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
AEI-30-12.5	1402752-008A	Soil	02/20/2014 11:50	GC19	87358
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g)	ND		1.0	1	02/22/2014 00:43
MTBE	ND		0.050	1	02/22/2014 00:43
Benzene	ND		0.0050	1	02/22/2014 00:43
Toluene	ND		0.0050	1	02/22/2014 00:43
Ethylbenzene	ND		0.0050	1	02/22/2014 00:43
Xylenes	ND		0.0050	1	02/22/2014 00:43
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
2-Fluorotoluene	100		70-130		02/22/2014 00:43
AEI-31-10	1402752-013A	Soil	02/20/2014 12:45	GC19	87358
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g)	ND		1.0	1	02/22/2014 03:13
MTBE	ND		0.050	1	02/22/2014 03:13
Benzene	ND		0.0050	1	02/22/2014 03:13
Toluene	ND		0.0050	1	02/22/2014 03:13
Ethylbenzene	ND		0.0050	1	02/22/2014 03:13
Xylenes	ND		0.0050	1	02/22/2014 03:13
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
2-Fluorotoluene	102		70-130		02/22/2014 03:13
AEI-31-12.5	1402752-014A	Soil	02/20/2014 12:50	GC7	87382
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g)	ND		1.0	1	02/21/2014 15:37
MTBE	ND		0.050	1	02/21/2014 15:37
Benzene	ND		0.0050	1	02/21/2014 15:37
Toluene	ND		0.0050	1	02/21/2014 15:37
Ethylbenzene	ND		0.0050	1	02/21/2014 15:37
Xylenes	ND		0.0050	1	02/21/2014 15:37
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
2-Fluorotoluene	100		70-130		02/21/2014 15:37

(Cont.)



Analytical Report

Client: AEI Consultants
Project: #324771; FSI
Date Received: 2/20/14 18:36
Date Prepared: 2/21/14-2/25/14

WorkOrder: 1402752
Extraction Method: SW5030B
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
AEI-32-10	1402752-017A	Soil	02/20/2014 14:20	GC7	87382

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	1.0	1	02/21/2014 16:07
MTBE	ND	0.050	1	02/21/2014 16:07
Benzene	ND	0.0050	1	02/21/2014 16:07
Toluene	ND	0.0050	1	02/21/2014 16:07
Ethylbenzene	ND	0.0050	1	02/21/2014 16:07
Xylenes	ND	0.0050	1	02/21/2014 16:07
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
2-Fluorotoluene	99	70-130		02/21/2014 16:07

AEI-32-14.5	1402752-018A	Soil	02/20/2014 14:25	GC7	87382
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Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	1.0	1	02/21/2014 12:34
MTBE	ND	0.050	1	02/21/2014 12:34
Benzene	ND	0.0050	1	02/21/2014 12:34
Toluene	ND	0.0050	1	02/21/2014 12:34
Ethylbenzene	ND	0.0050	1	02/21/2014 12:34
Xylenes	ND	0.0050	1	02/21/2014 12:34
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
2-Fluorotoluene	101	70-130		02/21/2014 12:34



Analytical Report

Client: AEI Consultants
Project: #324771; FSI
Date Received: 2/20/14 18:36
Date Prepared: 2/21/14

WorkOrder: 1402752
Extraction Method: SW5030B
Analytical Method: SW8021B/8015Bm
Unit: µg/L

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
AEI-29	1402752-001A	Water	02/20/2014 10:50	GC3	87411
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g)	ND		50	1	02/21/2014 20:34
MTBE	ND		5.0	1	02/21/2014 20:34
Benzene	ND		0.50	1	02/21/2014 20:34
Toluene	ND		0.50	1	02/21/2014 20:34
Ethylbenzene	ND		0.50	1	02/21/2014 20:34
Xylenes	ND		0.50	1	02/21/2014 20:34
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
aaa-TFT	120		70-130		02/21/2014 20:34
AEI-30	1402752-010A	Water	02/20/2014 12:00	GC3	87411
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g)	ND		50	1	02/21/2014 21:34
MTBE	ND		5.0	1	02/21/2014 21:34
Benzene	ND		0.50	1	02/21/2014 21:34
Toluene	ND		0.50	1	02/21/2014 21:34
Ethylbenzene	ND		0.50	1	02/21/2014 21:34
Xylenes	ND		0.50	1	02/21/2014 21:34
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
aaa-TFT	123		70-130		02/21/2014 21:34
AEI-31	1402752-011A	Water	02/20/2014 13:00	GC3	87411
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g)	ND		50	1	02/21/2014 22:03
MTBE	ND		5.0	1	02/21/2014 22:03
Benzene	ND		0.50	1	02/21/2014 22:03
Toluene	ND		0.50	1	02/21/2014 22:03
Ethylbenzene	ND		0.50	1	02/21/2014 22:03
Xylenes	ND		0.50	1	02/21/2014 22:03
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
aaa-TFT	116		70-130		02/21/2014 22:03

(Cont.)



Analytical Report

Client: AEI Consultants
Project: #324771; FSI
Date Received: 2/20/14 18:36
Date Prepared: 2/21/14

WorkOrder: 1402752
Extraction Method: SW5030B
Analytical Method: SW8021B/8015Bm
Unit: µg/L

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
AEI-32	1402752-019A	Water	02/20/2014 14:30	GC3	87411
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g)	ND		50	1	02/21/2014 22:33
MTBE	ND		5.0	1	02/21/2014 22:33
Benzene	ND		0.50	1	02/21/2014 22:33
Toluene	ND		0.50	1	02/21/2014 22:33
Ethylbenzene	ND		0.50	1	02/21/2014 22:33
Xylenes	ND		0.50	1	02/21/2014 22:33
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
aaa-TFT	124		70-130		02/21/2014 22:33



Analytical Report

Client: AEI Consultants
Project: #324771; FSI
Date Received: 2/20/14 18:36
Date Prepared: 2/21/14

WorkOrder: 1402752
Extraction Method: SW3550B/3630C
Analytical Method: SW8015B
Unit: mg/Kg

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
AEI-29-9.5	1402752-003A	Soil	02/20/2014 10:40	GC6A	87359
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	ND		1.0	1	02/22/2014 08:22
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
C9	89		70-130		02/22/2014 08:22
AEI-29-11.5	1402752-004A	Soil	02/20/2014 10:35	GC6A	87359
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	ND		1.0	1	02/25/2014 02:30
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
C9	81		70-130		02/25/2014 02:30
AEI-30-9.5	1402752-007A	Soil	02/20/2014 11:45	GC6A	87359
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	ND		1.0	1	02/22/2014 07:09
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
C9	76		70-130		02/22/2014 07:09
AEI-30-12.5	1402752-008A	Soil	02/20/2014 11:50	GC6B	87359
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	ND		1.0	1	02/22/2014 04:45
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
C9	109		70-130		02/22/2014 04:45
AEI-31-10	1402752-013A	Soil	02/20/2014 12:45	GC6B	87359
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	ND		1.0	1	02/21/2014 23:56
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
C9	109		70-130		02/21/2014 23:56

(Cont.)



Analytical Report

Client: AEI Consultants
Project: #324771; FSI
Date Received: 2/20/14 18:36
Date Prepared: 2/21/14

WorkOrder: 1402752
Extraction Method: SW3550B/3630C
Analytical Method: SW8015B
Unit: mg/Kg

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
AEI-31-12.5	1402752-014A	Soil	02/20/2014 12:50	GC6A	87359
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	ND		1.0	1	02/22/2014 01:09
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
C9	77		70-130		02/22/2014 01:09
AEI-32-10	1402752-017A	Soil	02/20/2014 14:20	GC6A	87359
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	ND		1.0	1	02/22/2014 09:35
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
C9	82		70-130		02/22/2014 09:35
AEI-32-14.5	1402752-018A	Soil	02/20/2014 14:25	GC6A	87359
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	4.8		1.0	1	02/22/2014 02:21
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	Analytical Comments: e7,e2	
C9	99		70-130		02/22/2014 02:21



Analytical Report

Client: AEI Consultants
Project: #324771; FSI
Date Received: 2/20/14 18:36
Date Prepared: 2/21/14-2/26/14

WorkOrder: 1402752
Extraction Method: SW3510C/3630C
Analytical Method: SW8015B
Unit: µg/L

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
AEI-29	1402752-001B	Water	02/20/2014 10:50	GC6A	87379
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	110		100	1	02/24/2014 18:59
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	Analytical Comments: e2	
C9	101		70-130		02/24/2014 18:59
AEI-30	1402752-010B	Water	02/20/2014 12:00	GC9a	87379
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	ND		100	1	02/21/2014 23:00
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	Analytical Comments: a4	
C9	115		70-130		02/21/2014 23:00
AEI-31	1402752-011B	Water	02/20/2014 13:00	GC9a	87491
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	ND		100	1	02/26/2014 15:30
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	Analytical Comments: a4	
C9	98		70-130		02/26/2014 15:30
AEI-32	1402752-019B	Water	02/20/2014 14:30	GC6A	87379
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	460		100	1	02/24/2014 20:12
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	Analytical Comments: e2	
C9	91		70-130		02/24/2014 20:12



Quality Control Report

Client: AEI Consultants
Date Prepared: 2/21/14
Date Analyzed: 2/21/14
Instrument: GC7
Matrix: Soil
Project: #324771; FSI

WorkOrder: 1402752
BatchID: 87358
Extraction Method: SW5030B
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg
Sample ID: MB/LCS-87358
 1402775-013AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	0.6541	0.40	0.60	-	109	70-130
MTBE	ND	0.09753	0.050	0.10	-	97.5	70-130
Benzene	ND	0.1152	0.0050	0.10	-	115	70-130
Toluene	ND	0.1148	0.0050	0.10	-	115	70-130
Ethylbenzene	ND	0.1182	0.0050	0.10	-	118	70-130
Xylenes	ND	0.3619	0.0050	0.30	-	121	70-130

Surrogate Recovery

2-Fluorotoluene	0.1071	0.1155		0.10	107	115	70-130
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Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	0.6262	0.6147	0.60	ND	104	102	70-130	1.85	20
MTBE	0.09177	0.09647	0.10	ND	91.8	96.5	70-130	5.00	20
Benzene	0.1066	0.1073	0.10	ND	107	107	70-130	0	20
Toluene	0.1062	0.1063	0.10	ND	106	106	70-130	0	20
Ethylbenzene	0.1094	0.1096	0.10	ND	109	110	70-130	0.129	20
Xylenes	0.3355	0.3359	0.30	ND	112	112	70-130	0	20

Surrogate Recovery

2-Fluorotoluene	0.1075	0.1073	0.10		108	107	70-130	0.211	20
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Quality Control Report

Client: AEI Consultants
Date Prepared: 2/21/14
Date Analyzed: 2/22/14
Instrument: GC7
Matrix: Soil
Project: #324771; FSI

WorkOrder: 1402752
BatchID: 87382
Extraction Method: SW5030B
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg
Sample ID: MB/LCS-87382
 1402796-006AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	0.6335	0.40	0.60	-	106	70-130
MTBE	ND	0.08766	0.050	0.10	-	87.7	70-130
Benzene	ND	0.1155	0.0050	0.10	-	116	70-130
Toluene	ND	0.1158	0.0050	0.10	-	116	70-130
Ethylbenzene	ND	0.1197	0.0050	0.10	-	120	70-130
Xylenes	ND	0.3668	0.0050	0.30	-	122	70-130

Surrogate Recovery

2-Fluorotoluene	0.119	0.1181		0.10	119	118	70-130
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Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	0.5946	0.6257	0.60	ND	99.1	104	70-130	5.09	20
MTBE	0.09547	0.08877	0.10	ND	95.5	88.8	70-130	7.28	20
Benzene	0.1209	0.1162	0.10	ND	121	116	70-130	3.99	20
Toluene	0.1209	0.1182	0.10	ND	121	118	70-130	2.29	20
Ethylbenzene	0.1239	0.1194	0.10	ND	124	119	70-130	3.73	20
Xylenes	0.378	0.3655	0.30	0.005418	124	120	70-130	3.36	20

Surrogate Recovery

2-Fluorotoluene	0.1186	0.1161	0.10		119	116	70-130	2.17	20
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Quality Control Report

Client: AEI Consultants
Date Prepared: 2/25/14
Date Analyzed: 2/26/14
Instrument: GC19, GC7
Matrix: Soil
Project: #324771; FSI

WorkOrder: 1402752
BatchID: 87493
Extraction Method: SW5030B
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg
Sample ID: MB/LCS-87493
 1402878-001AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	0.6495	0.40	0.60	-	108	70-130
MTBE	ND	0.1084	0.050	0.10	-	108	70-130
Benzene	ND	0.1188	0.0050	0.10	-	119	70-130
Toluene	ND	0.1202	0.0050	0.10	-	120	70-130
Ethylbenzene	ND	0.1238	0.0050	0.10	-	124	70-130
Xylenes	ND	0.3791	0.0050	0.30	-	126	70-130

Surrogate Recovery

2-Fluorotoluene	0.1124	0.122		0.10	112	122	70-130
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Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	0.6959	0.7056	0.60	ND	116	118	70-130	1.38	20
MTBE	0.08279	0.07975	0.10	ND	82.8	79.7	70-130	3.74	20
Benzene	0.09488	0.08593	0.10	ND	94.9	85.9	70-130	9.90	20
Toluene	0.09734	0.09195	0.10	ND	97.3	91.9	70-130	5.69	20
Ethylbenzene	0.1049	0.1002	0.10	ND	105	100	70-130	4.58	20
Xylenes	0.3242	0.3142	0.30	ND	108	105	70-130	3.15	20

Surrogate Recovery

2-Fluorotoluene	0.09848	0.09331	0.10		98	93	70-130	5.39	20
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Quality Control Report

Client: AEI Consultants
Date Prepared: 2/24/14
Date Analyzed: 2/21/14
Instrument: GC3
Matrix: Water
Project: #324771; FSI

WorkOrder: 1402752
BatchID: 87411
Extraction Method: SW5030B
Analytical Method: SW8021B/8015Bm
Unit: µg/L
Sample ID: MB/LCS-87411
 1402751-001AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	55.65	40	60	-	92.8	70-130
MTBE	ND	8.914	5.0	10	-	89.1	70-130
Benzene	ND	11.85	0.50	10	-	118	70-130
Toluene	ND	11.96	0.50	10	-	120	70-130
Ethylbenzene	ND	11.71	0.50	10	-	117	70-130
Xylenes	ND	34.8	0.50	30	-	116	70-130

Surrogate Recovery

aaa-TFT	12.11	11.36		10	121	114	70-130
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Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	54.02	59.08	60	ND	90	98.5	70-130	8.94	20
MTBE	8.479	7.747	10	ND	84.8	77.5	70-130	9.02	20
Benzene	11.68	11.54	10	ND	117	115	70-130	1.22	20
Toluene	11.64	11.55	10	ND	116	116	70-130	0	20
Ethylbenzene	11.47	11.51	10	ND	115	115	70-130	0	20
Xylenes	33.84	34.58	30	ND	113	115	70-130	2.16	20

Surrogate Recovery

aaa-TFT	11.67	11.48	10		117	115	70-130	1.66	20
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Quality Control Report

Client: AEI Consultants
Date Prepared: 2/21/14
Date Analyzed: 2/23/14
Instrument: GC6B
Matrix: Soil
Project: #324771; FSI

WorkOrder: 1402752
BatchID: 87359
Extraction Method: SW3550B/3630C
Analytical Method: SW8015B
Unit: mg/Kg
Sample ID: MB/LCS-87359
 1402775-012AMS/MSD

QC Summary Report for SW8015B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH-Diesel (C10-C23)	ND	42.31	1.0	40	-	106	70-130

Surrogate Recovery

C9	24.6	24.7		25	98	99	70-130
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Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	46.79	47.52	40	ND	117	119	70-130	1.56	30

Surrogate Recovery

C9	26.24	27.26	25		105	109	70-130	3.79	30
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Quality Control Report

Client: AEI Consultants
Date Prepared: 2/21/14
Date Analyzed: 2/26/14
Instrument: GC6A
Matrix: Water
Project: #324771; FSI

WorkOrder: 1402752
BatchID: 87379
Extraction Method: SW3510C/3630C
Analytical Method: SW8015B
Unit: µg/L
Sample ID: MB/LCS-87379

QC Summary Report for SW8015B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH-Diesel (C10-C23)	ND	881.2	50	1000	-	88.1	70-130
Surrogate Recovery							
C9	529.3	507.3		625	85	81	70-130

(Cont.)



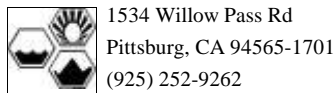
Quality Control Report

Client: AEI Consultants
Date Prepared: 2/25/14
Date Analyzed: 2/26/14
Instrument: GC6B
Matrix: Water
Project: #324771; FSI

WorkOrder: 1402752
BatchID: 87491
Extraction Method: SW3510C/3630C
Analytical Method: SW8015B
Unit: µg/L
Sample ID: MB/LCS-87491

QC Summary Report for SW8015B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH-Diesel (C10-C23)	ND	894.3	50	1000	-	89.4	70-130
Surrogate Recovery							
C9	712.7	675.9		625	114	108	70-130



CHAIN-OF-CUSTODY RECORD

WorkOrder: 1402752

ClientCode: AEL

WaterTrax
 WriteOn
 EDF
 Excel
 EQuIS
 Email
 HardCopy
 ThirdParty
 J-flag

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

Email: jasmith@aeiconsultants.com
 cc:
 PO: #52702
 ProjectNo: #324771; FSI

Bill to:
 Sara Guerin
 AEI Consultants
 2500 Camino Diablo, Ste. #200
 Walnut Creek, CA 94597
 AccountsPayable@AEIConsultants.co

Requested TAT: 5 days

Date Received: 02/20/2014

Date Printed: 02/21/2014

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	
1402752-001	AEI-29	Water	2/20/2014 10:50	<input type="checkbox"/>		A	A		B								
1402752-003	AEI-29-9.5	Soil	2/20/2014 10:40	<input type="checkbox"/>	A			A									
1402752-004	AEI-29-11.5	Soil	2/20/2014 10:35	<input type="checkbox"/>	A			A									
1402752-007	AEI-30-9.5	Soil	2/20/2014 11:45	<input type="checkbox"/>	A			A									
1402752-008	AEI-30-12.5	Soil	2/20/2014 11:50	<input type="checkbox"/>	A			A									
1402752-010	AEI-30	Water	2/20/2014 12:00	<input type="checkbox"/>		A			B								
1402752-011	AEI-31	Water	2/20/2014 13:00	<input type="checkbox"/>		A			B								
1402752-013	AEI-31-10	Soil	2/20/2014 12:45	<input type="checkbox"/>	A			A									
1402752-014	AEI-31-12.5	Soil	2/20/2014 12:50	<input type="checkbox"/>	A			A									
1402752-017	AEI-32-10	Soil	2/20/2014 14:20	<input type="checkbox"/>	A			A									
1402752-018	AEI-32-14.5	Soil	2/20/2014 14:25	<input type="checkbox"/>	A			A									
1402752-019	AEI-32	Water	2/20/2014 14:30	<input type="checkbox"/>		A			B								

Test Legend:

1	G-MBTX_S	2	G-MBTX_W	3	PREFD REPORT	4	TPH(D)WSG_S	5	TPH(D)WSG_W
6		7		8		9		10	
11		12							

Prepared by: Daniel Loa

Comments:

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.



WORK ORDER SUMMARY

Client Name: AEI CONSULTANTS

QC Level: LEVEL 2

Work Order: 1402752

Project: #324771; FSI

Client Contact: Jeremy Smith

Date Received: 2/20/2014

Comments:

Contact's Email: jasmith@aeiconsultants.com

WaterTrax WriteOn EDF Excel Fax Email HardCopy ThirdParty J-flag

Lab ID	Client ID	Matrix	Test Name	Number of Containers	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1402752-001A	AEI-29	Water	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	3	VOA	<input type="checkbox"/>	2/20/2014 10:50	5 days	Present	<input type="checkbox"/>	
1402752-002A	AEI-29-6	Soil		1	Acetate Liner	<input type="checkbox"/>	2/20/2014 10:30			<input checked="" type="checkbox"/>	
1402752-003A	AEI-29-9.5	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Acetate Liner	<input type="checkbox"/>	2/20/2014 10:40	5 days		<input type="checkbox"/>	
1402752-004A	AEI-29-11.5	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Acetate Liner	<input type="checkbox"/>	2/20/2014 10:35	5 days		<input type="checkbox"/>	
1402752-005A	AEI-29-15.5	Soil		1	Acetate Liner	<input type="checkbox"/>	2/20/2014 10:45			<input checked="" type="checkbox"/>	
1402752-006A	AEI-30-6	Soil		1	Acetate Liner	<input type="checkbox"/>	2/20/2014 11:40			<input checked="" type="checkbox"/>	
1402752-007A	AEI-30-9.5	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Acetate Liner	<input type="checkbox"/>	2/20/2014 11:45	5 days		<input type="checkbox"/>	
1402752-008A	AEI-30-12.5	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Acetate Liner	<input type="checkbox"/>	2/20/2014 11:50	5 days		<input type="checkbox"/>	
1402752-009A	AEI-30-15.5	Soil		1	Acetate Liner	<input type="checkbox"/>	2/20/2014 11:55			<input checked="" type="checkbox"/>	
1402752-010A	AEI-30	Water	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	3	VOA	<input type="checkbox"/>	2/20/2014 12:00	5 days	Present	<input type="checkbox"/>	
1402752-011A	AEI-31	Water	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	3	VOA	<input type="checkbox"/>	2/20/2014 13:00	5 days	Present	<input type="checkbox"/>	
1402752-012A	AEI-31-6	Soil		1	Acetate Liner	<input type="checkbox"/>	2/20/2014 12:40			<input checked="" type="checkbox"/>	
1402752-013A	AEI-31-10	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Acetate Liner	<input type="checkbox"/>	2/20/2014 12:45	5 days		<input type="checkbox"/>	

*** NOTE: STLC and TCLP extractions require 48 hrs to complete; therefore, all TATs begin after the extraction is completed (i.e., 24hr TAT yields results in 72 hrs from sample submission).**

Bottle Legend:

Acetate Liner = Acetate Liner
 VOA = 43mL VOA, Unpreserved



WORK ORDER SUMMARY

Client Name: AEI CONSULTANTS

QC Level: LEVEL 2

Work Order: 1402752

Project: #324771; FSI

Client Contact: Jeremy Smith

Date Received: 2/20/2014

Comments:

Contact's Email: jasmith@aeiconsultants.com

WaterTrax WriteOn EDF Excel Fax Email HardCopy ThirdParty J-flag

Lab ID	Client ID	Matrix	Test Name	Number of Containers	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1402752-014A	AEI-31-12.5	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Acetate Liner	<input type="checkbox"/>	2/20/2014 12:50	5 days		<input type="checkbox"/>	
1402752-015A	AEI-31-15.5	Soil		1	Acetate Liner	<input type="checkbox"/>	2/20/2014 12:55			<input checked="" type="checkbox"/>	
1402752-016A	AEI-32-6.5	Soil		1	Acetate Liner	<input type="checkbox"/>	2/20/2014 14:45			<input checked="" type="checkbox"/>	
1402752-017A	AEI-32-10	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Acetate Liner	<input type="checkbox"/>	2/20/2014 14:20	5 days		<input type="checkbox"/>	
1402752-018A	AEI-32-14.5	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Acetate Liner	<input type="checkbox"/>	2/20/2014 14:25	5 days		<input type="checkbox"/>	
1402752-019A	AEI-32	Water	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	3	VOA	<input type="checkbox"/>	2/20/2014 14:30	5 days	Present	<input type="checkbox"/>	

*** NOTE: STLC and TCLP extractions require 48 hrs to complete; therefore, all TATs begin after the extraction is completed (i.e., 24hr TAT yields results in 72 hrs from sample submission).**

Bottle Legend:

Acetate Liner = Acetate Liner
 VOA = 43mL VOA, Unpreserved

McCAMPBELL ANALYTICAL INC. 1538 Willow Pass Road, Pittsburg, CA 94565 Telephone: (925) 252-9262 Fax: (925) 252-9269					CHAIN OF CUSTODY RECORD TURN AROUND TIME <input type="checkbox"/> RUSH <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 DAY EDF Required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No PDF Required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No													
Report To: Jeremy Smith					Bill To: AEI Consultants					Analysis Request					Other		Comments	
Company: AEI Consultants, 2500 Camino Diablo, Walnut Creek, CA 94597					Global ID: T10000004754					TPH-G (EPA 8015 M) TPH-D / TPH-MO (EPA 8015 M w/ Silica Gel Clean-up) VOCs (EPA 8260B) BTEX/MTBE 8021B								
PO# 52702					E-Mail: jasmith@aeiconsultatns.com													
Telephone: (925) 746-6000, ext. 1128					Fax: (925) 746-6099													
AEI Project No. 324771					Project Name: FSI													
Project Location: 1600 Park St., Alameda, CA 94501																		
Sampler Signature: <i>[Signature]</i>																		
SAMPLE ID	FIELD POINT NAME	SAMPLING		# of Containers	Type Containers	MATRIX					METHOD PRESERVED				HOLD			
		Date	Time			Water	Soil	Air	Sludge	Other	Ice	HCL	HNO ₃	Other				
AEI-2a		2-20-14	1050	3	VOA	X					X	X	X	X				
AEI-2a-b			1030	1	Liner		X								X			
AEI-2a-9.5			1040	1			X				X	X	X					
AEI-2a-11.5			1035	1			X				X	X	X					
AEI-2a-15.5			1045	1			X							X				
AEI-30-6			1140	1			X							X				
AEI-30-9.5			1145	1			Y				X	X	X					
AEI-30-12.5			1150	1			Y				X	X	X					
AEI-30-15.5			1155	1			X							X				
AEI-30			1200	3	VOA	X					X	X	X					
AEI-31			1300	3	VOA	X					Y	X	X	X				
AEI-31-6			1240	1	Liner		X							X				
AEI-31-10			1245	1			X					X	X	X				
AEI-31-12.5			1250	1			X					X	X	X				
AEI-31-15.5			1255	1			X							X				
Relinquished By: <i>[Signature]</i>		Date: 2-20-14	Time: 5:10	Received By: <i>[Signature]</i>														
Relinquished By:		Date:	Time:	Received By:		ICE/c° 4.7					PRESERVATION					VOAS O&G METALS OTHER		
Relinquished By:		Date:	Time:	Received By:		GOOD CONDITION					APPROPRIATE							
Relinquished By:		Date:	Time:	Received By:		HEAD SPACE ABSENT					CONTAINERS							
Relinquished By:		Date:	Time:	Received By:		DECLORINATED IN LAB					PERSERVED IN LAB							

1402752

PO 2 of 2

McCAMPBELL ANALYTICAL INC. 1538 Willow Pass Road, Pittsburg, CA 94565 Telephone: (925) 252-9262 Fax: (925) 252-9269						CHAIN OF CUSTODY RECORD TURN AROUND TIME <input type="checkbox"/> RUSH <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 DAY EDF Required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No PDF Required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No													
Report To: Jeremy Smith Bill To: AEI Consultants Company: AEI Consultants, 2500 Camino Diablo, Walnut Creek, CA 94597 PO# 52702 Global ID: T10000004754 E-Mail: jasmith@aeiconsultatns.com Telephone: (925) 746-6000, ext. 1128 Fax: (925) 746-6099 AEI Project No. 324771 Project Name: FSI Project Location: 1600 Park St., Alameda, CA 94501 Sampler Signature: <i>[Signature]</i>						Analysis Request						Other			Comments				
SAMPLE ID	FIELD POINT NAME	SAMPLING		# of Containers	Type Containers	MATRIX					METHOD PRESERVED				TPH-G (EPA 8015 M)	TPH-D / TPH-MO (EPA 8015 M w/ Silica Gel Cleanup)	VOCs (EPA 8260B)	BTEX/MTBE 8021B	HOLD
		Date	Time			Water	Soil	Air	Sludge	Other	Ice	HCL	HNO ₃	Other					
AEI-32-6.5		2-20-14	1415	1	Linear	X					X								X
AEI-32-10			1420	1	Linear	X					X		X	X					
AEI-32-14.5			1425	1	Linear	X					X		X	X					
AEI-32			1430	3	VOA	X					X	X	X	X					
Relinquished By: <i>[Signature]</i>		Date: 2-20-14	Time: 5:10	Received By: <i>[Signature]</i>		ICE/r ^e <u>A.7</u> GOOD CONDITION _____ PRESERVATION _____ HEAD SPACE ABSENT _____ APPROPRIATE _____ DECHLORINATED IN LAB _____ CONTAINERS _____ PERSERVED IN LAB _____													
Relinquished By:		Date:	Time:	Received By:															
Relinquished By:		Date:	Time:	Received By:															



Sample Receipt Checklist

Client Name: **AEI Consultants** Date and Time Received: **2/20/2014 6:36:45 PM**
 Project Name: **#324771; FSI** LogIn Reviewed by: **Daniel Loa**
 WorkOrder N°: **1402752** Matrix: Soil/Water Carrier: Client Drop-In

Chain of Custody (COC) Information

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

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

All samples received within holding time? Yes No
 Container/Temp Blank temperature Cooler Temp: 4.7°C NA
 Water - VOA vials have zero headspace / no bubbles? Yes No NA
 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.

 Comments: