December 10, 2012

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

Subject: **Perjury Statement and Report Transmittal**

1600 – 1630 Park Street
Alameda, California 94501
AEI Project No. 298931
ACEH RO#0000008

Dear Ms. Detterman:

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

If you have any questions or need additional information, please do not hesitate to call me or AEI Consultants, Mr. Robert Robitaille at (925) 746-6000.

Sincerely,

John Buestad
President

JB/rpr

Attachment: *Interim Source Removal Report and Well Abandonment and Replacement Addendum*, AEI Consultants, December 7, 2012.

cc: Mr. Robert Robitaille, AEI Consultants, 2500 Camino Diablo, Walnut Creek, CA 94597

December 7, 2012

INTERIM SOURCE REMOVAL REPORT and WELL ABANDONMENT and REPLACEMENT WORKPLAN ADDENDUM

Property Identification:
1630 Park Street
Alameda, California

AEI Project No. 298931
ACEH Fuel Leak Case No. RO0000008

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

Prepared by:
AEI Consultants
2500 Camino Diablo
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TABLE OF CONTENTS

FIGURES

TABLES

ATTACHMENTS

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December 7, 2012

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

Subject: **Interim Source Removal Report and**
Well Abandonment and Replacement Workplan Addendum
1630 Park Street
Alameda, California
AEI Project No. 298931
ACEH Fuel Leak Case No. RO0000008

Dear Ms. Detterman:

AEI has prepared this Interim Source Removal Report and Well Abandonment and Replacement Workplan Addendum on behalf of Foley Street Investments (FSI) as part of the on-going remediation at 1630 Park Street in Alameda, California (ACEH Fuel Leak Case # RO 0000008) [Figure 1].

The purpose of the report is two-fold:

- To present the results of recent source removal actions (soil excavations) completed at the site in October 2012; and
- To address Technical Comment 1, in the October 5, 2012 Alameda County Environmental Health Services (ACEH) *Conditional Approval of the Revised Data Gap Investigation and Interim Source Removal Work Plan* for the site (October 5, 2012 Directive Letter). This includes an updated Site Conceptual Model (SCM).

1.0 Project Overview

1.1 Property Description

The development site consisting of 1600 to 1630 Park Street is an irregularly shaped property totaling approximately 1.46 acres, of which the northern portion is the 1630 Park Street site. The site is bound by Park Street to the northwest, 1650 Park Street to the northeast, Foley Street to the Southeast, and Tilden Way to the southwest in a mixed commercial and residential

area of Alameda, California. Hereinafter, unless otherwise stated, the "site" will refer to the 1630 Park Street property.

The site is currently vacant and was formerly improved with a two-story automobile showroom, service garage and office structure constructed in the 1940's totaling approximately 11,264 square feet and parking lot. Good Chevrolet occupied the site from the early 1960s through 2008. Refer to Figure 2 for the property layout and major site features.

In July and August 2012, FSI demolished the onsite structures in preparation of redevelopment. Two slab-on-grade commercial buildings are proposed. Site grading activities in advance of construction is currently scheduled to occur in January 2013 with construction of the concrete slab foundation to begin shortly thereafter. The northern building is planned for the area of the former Good Chevrolet building along Park Street. The location of the building footprint is shown in Figure 2. The remainder of the development site will be improved with paved at-grade parking areas and landscaping.

1.2 Project Background

According to a Phase I Environmental Site Assessment dated July 5, 2011 by AEI, the former building was constructed in 1945 for use as an automobile garage and showroom. A review of historical city directories indicates that the subject property was occupied by various auto dealerships and repair facilities including Good Chevrolet/Good Leasing from at least 1971 to 2006, Fairway Leasing from 1986 to 2006, and Enterprise Rent-A-Car in 1991.

In 1986, a 300-gallon waste oil underground storage tank (UST) and a 500-gallon UST were reportedly removed from the north end of the building property by Petroleum Engineering, Inc. Soil samples collected from the adjacent tank pits indicated hydrocarbon impacts in the soils. An environmental case was subsequently opened with the Alameda County Health Care Services Agency.

In January 1987, three groundwater monitoring wells (MW-1 through MW-3) were installed at the site to evaluate the groundwater conditions. Two additional borings (SB-4 and SB-5) were advanced at the same time and soil samples were collected from one of the borings (SB-5).

In October 1993, a supplemental investigation was performed by Geo Plexus which included advancing seven (7) soil borings (EB1 through EB7) across the parking area of the property. The investigation identified concentrations of hydrocarbons and volatile aromatic compounds in the vicinity of the former USTs at depths between 5 to 12 feet below ground surface (bgs).

In April 1994, two additional groundwater monitoring wells (MW-4 and MW-5) were installed by Geo Plexus to further characterize the downgradient groundwater conditions.

In January 1997, a remedial investigation was performed by Geo Plexus which included advancing eight (8) soil borings (EB8 through EB12 and P1 through P3) at locations which were immediately

up-gradient, down-gradient, and cross-gradient from the former USTs. Soil samples were collected from EB8 through EB12). The investigation indicated that gasoline impacted soil remained at depths ranging from 7 to 11 feet bgs.

In November 1998, an investigation for a risk assessment was performed by Geo Plexus. The investigation involved the collection of soil gas samples from three (3) soil gas probes. Soil gas samples were collected at a depth of 3 feet bgs and collected in summa canisters. Using a commercial health risk of 1 x 10-4, a risk-based corrective action analysis indicated that soil gas concentrations do not represent a significant health risk.

In April 2008, Blymer Engineers collected soil and groundwater samples from 24 soil borings (GP1 to GP24) on and offsite to characterize the extent of soil and groundwater pollution. It should be noted that AEI was not able to review a formal report of these activities, only tables of soil and groundwater data and figures have been located.

In June 2011, a Phase I ESA was conducted for the subject property as detailed in a report dated July 5, 2011 (AEI 2011a).

In July 2011, a subsurface investigation was conducted at the property relating to potential environmental issues aside from the Good Chevrolet LUST case. The areas of concern investigated included five former and five existing underground hydraulic lifts, several floor drains, three existing USTs (1 550-gallon waste-oil UST, 1 10,000 gallon and 1 4,000 gallon gasoline UST), and a former gasoline station identified on the southern end of the development property at the intersection of Park Street and Tilden Way. A total of 19 soil borings (AEI-1 to AEI-19) were drilled for soil and groundwater sampling. Results of the investigation are summarized in the August 16, 2011 *Phase II Subsurface Investigation Report* (AEI 2011b) prepared by AEI.

An *Interim Corrective Action Plan (ICAP)* dated September 28, 2011 (AEI 2011c) was submitted and followed by an *ICAP Comment Letter Response* and *Pilot Test Workplan Details* dated November 14, 2011 (AEI 2011d). Both documents proposed the performance a High Vacuum Dual Phase Extraction (HVDPE) Pilot Test at the site. A review of multiple remedial options was discussed in these documents and HVDPE was considered the most feasible option given the site conditions.

In November 2011, three (3) dual phase extraction wells (DPE-1, DPE-2 and DPE-3) and one (1) air sparge well (AS-1) were installed. In early December, three vacuum monitoring points (VP-1, VP-2 and VP-3) were installed and pilot testing began. Results of the HVDPE pilot test were preliminarily provided in the *Investigation and Remedial Action Workplan* dated January 12, 2012 (AEI 2012a). The work plan also proposed the advancement of additional borings and the installation of additional HVPDE wells. In January 2012, borings AEI-20 through AEI-28 were advanced and wells DPE-4 through DPE-6, and DPE-8 through DPE-11 were installed. Soil sample analytical results for samples collected during the drilling were used to help define the extent of impacted soil and groundwater and to identify target areas for additional remedial action.

A *Corrective Action Plan (CAP)* dated February 3, 2012, (AEI 2012b) was submitted to the ACEH. The CAP documented the December 2011 to January 2012 HVDPE event and based on the results, recommended HVDPE as the remedial option for the site.

On January 25, 2012, based on the results of the pilot testing, the HVDPE system resumed operation. The system was operated for 94 days and was turned off on April 25, 2012. During the operation of the HVDPE system (pilot test phase and operations periods combined) an estimated 18,134 pounds of hydrocarbons were removed from the subsurface via vapor extraction and an estimated 390,460 gallons of hydrocarbon impacted groundwater was removed. The results of the HVDPE system pilot test and operation are summarized in the *HVDPE Pilot Testing and Operation Report*, dated June 29, 2012 (AEI 2012c).

At the request of the ACEH, a *Data Gap and Interim Source Removal Workplan*, was prepared and submitted on May 4, 2012 (AEI 2012c). The work plan outlined the scope of work to define the lateral extent of impacted groundwater using additional groundwater monitoring wells and proposed focused excavation of known sources of impacts to groundwater. An addendum to the work plan to address ACEH comments was submitted on September 7, 2012 (AEI 2012d) and conditionally approved on October 5, 2012 (ACEH, October 5, 2012) .

At the request of the ACEH, a Well Abandonment and Replacement Workplan was prepared and submitted on July 25, 2012. The scope of work included the abandonment of existing wells that lay within the proposed excavation areas and beneath the proposed building. Replacement wells were also proposed with the locations to be chosen after additional soil and groundwater data were collected. The ACEH approved the abandonment of wells within the excavation areas, but requested further rationalization for removing wells beneath the proposed buildings.

Groundwater monitoring and sampling has been ongoing at the site since 1992. It was conducted approximately quarterly from 1992 through 1995, then sporadically through 2003, once in 2008, and twice in 2011. Groundwater has been monitored on a quarterly basis since December 2011. Soil vapor monitoring from the three vapor monitoring points installed during the HVPDE pilot test was added to the quarterly monitoring schedule in May 2012.

2.0 Soil Excavation Activities

As described in the May 4, 2012, *Data Gap Investigation and Interim Source Removal Workplan* and the September 7, 2012, Addendum, a test pit was excavated at the former UST-hold to determine whether or not impacted spoils existed in the former UST hold or whether that the material may have been encapsulated in plastic sheeting which would inhibit remedial efforts. The results of the test indicated that impact soil and some plastic debris was present within the former tank hold and the source removal work plan was implemented.

Three excavations were completed at the site from October 22 to 24, 2012. Details of the excavation methods and procedures are included in Attachment A, *Source Removal Excavation*

Report, dated November 28, 2012 (Excavation Report) prepared by the AEI construction division.

2.1 Target Soil Concentrations

The source removal portion of the work plan proposed a focused excavation of remaining hot-spots and presented cleanup goals for the soil removal project based on the San Francisco Bay Regional Water Quality Control Boards (SF Bay RWQCB's) Environmental Screening Levels (ESLs) 2008 guidance document.

The final proposed cleanup targets for the excavation confirmation samples are summarized below:

Constituent	*Target Soil Concentrations**
TPH-g	83 mg/kg
TPH-d	83 mg/kg
TPH-mo	2,500 mg/kg
Benzene	0.044 mg/kg
Toluene	2.9 mg/kg
Ethylbenzene	3.3 mg/kg
Total Xylenes	3.3 mg/kg

* Based upon 'Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater' (May 2008).

2.2 Excavation Scope of Work

Excavation work was performed in general accordance with the *Data Gap Investigation and Interim Source Removal Workplan* and its *Addendum*. Three (3) focused excavations were conducted to remove impacted material that could contribute to ongoing groundwater impacts. The first excavation (E1) addressed potential remaining impacts in the former UST-hold backfill soil. The second excavation (E2) addressed potential source from soil beneath three hydraulic lifts along the north wall of the former building. The third excavation (E3) addressed potential source from soil beneath the hydraulic lift near DPE-5. The extents of the excavations are shown in Figure 3. The excavations were planned to be focused and to not extend beyond the target areas or to "chase" impacts laterally if such impacts were found at the planned lateral extents of the excavations.

2.3 Excavation Results

As described in the Excavation Report, three excavations were completed at the site. This section will discuss the results of each of the excavations.

2.3.1 Excavation E1 (Former UST-hold)

The intent of this excavation was to remove fill material within the former UST hold. Observations made during the test pit and during the excavation confirmed that the material

was likely spoils from the original UST excavation. The material consisted of disturbed predominantly native soil to a depth of approximately 14 feet (as described in the 1987 GTI report). Plastic sheeting debris was mixed to a depth of approximately 10 feet. Undisturbed native soil was observed at depths below 14 feet bgs.

Isolated areas of stained soil were observed throughout the fill material at depths below approximately 4 feet bgs, however, as the excavation was widened slightly to reach the target depth, no staining was observed in the undisturbed sidewalls to a depth of approximately 7 feet bgs. Below a depth of 7 feet a continuous band of stained soil was observed surrounding the UST-hold to a depth of approximately 12.5 feet bgs. Groundwater saturated soil was observed at depths below 11 feet bgs.

The approximate final dimensions of the E-1 excavation were 18 feet by 22 feet by 15 feet deep. Soil at the bottom of the excavation appeared unstained and did not display any signs of hydrocarbon impact.

A total of five (5) excavation confirmation samples were collected from E1; one (1) bottom sample (EB-1-15') from a depth of 15 feet bgs and four (4) sidewall samples (NW-1-12', EW1-11.5', SW1-10' and WW1-11') from depths ranging from 10 to 12 feet bgs. The sidewall samples were collected from the most stained zone in each sidewall.

2.3.2 Excavation E2 (Former Hydraulic Lifts)

The intent of this excavation was to remove impacted soil in the vicinity of three former hydraulic lifts. Due to the proximity of the lifts to each other and the planned 12 foot depth of the excavations, it was deemed impractical to complete three separate excavations. Instead, one excavation encompassing all three lifts was completed.

Stained, apparently hydrocarbon impacted soil was observed at each lift location beginning in a small area less than 1 or 2 square feet approximately 6 feet bgs, then spreading with depth to maximum diameter of over 10 feet to a depth of approximately 10 feet bgs. The pattern appeared consistent with a release from a hydraulic lift cylinder. The limits of each stained zone was reached and completely excavated with the exception of the northwest wall and western corner where a thin band of stained soil at a depth of remained in place. The staining appeared to extend from approximately 7 feet to 11 feet bgs at this location.

The approximate final dimensions of the E2 excavation were 19 feet by 38 feet by 12 feet deep. Soil at the bottom of the excavation was unstained and did not display any signs of hydrocarbon impact.

A total of twelve (12) excavation confirmation samples were collected from E2; one sample from beneath each lift for a total of three (3) bottom samples (WB2-11.5', CB2-11.5', EB2-11.5') from a depth of 11.5 feet bgs; and a total of eight (8) sidewall samples representing the sidewalls at each lift (NEW2-9.5', EW2-9', SEW2-9', CSW2-9.5', CNW2-9.5', SWW2-9.5', NWW2-9.5' and WW2-9.5') from depths ranging from 9 to 9.5 feet bgs. The sidewall samples were collected from the most stained zone in each sidewall. An additional sidewall sample was

collected from the west wall (WW2-6.5') to document the upper extent of the impacts at that location.

2.3.3 Excavation E3 (Former Hydraulic Lift)

The intent of this excavation was to remove impacted soil in the vicinity of the hydraulic lift near DPE-5. Stained apparently hydrocarbon impacted soil was initially observed in an area approximately 18 inches in diameter at a depth of approximately 6.5 feet bgs similar to the excavation at E-2. At approximately 7 feet bgs the staining and elevated PID readings were observed across the entire excavation. The staining diminished at a depth of approximately 12 feet bgs across the entire excavation.

The approximate final dimensions of the E3 excavation were 11 feet by 16 feet by 12.5 to 13 feet deep. Soil at the bottom of the excavation was unstained and did not display visual signs of hydrocarbon impact, however a PID sample collected from 12.5 feet bgs displayed 79 ppm.

A total of five (5) excavation confirmation samples were collected from E3; one sample from beneath the former lift (CB3-12.5') and one from each excavation sidewall (SEW-10', SWW-10', NWW-10' AND NEW-10.5'). The sidewall samples were collected from the most stained zone in each sidewall.

2.4 Confirmation Sample Analytical Results

Confirmation soil samples were analyzed by McCampbell Analytical, Inc. (State Certification #1644) of Pittsburg, California. The soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-g) and motor oil (TPH-mo), methyl-tertiary butyl either (MTBE), and benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA Method 8015 and 8021B. The analytical results are summarized on Table 1 and are posted on the site plan in Figure 4. Copies of the analytical reports are included in the Excavation Report in Attachment A.

2.4.1 Excavation E1 Results

A total of one bottom and four sidewall samples were analyzed from excavation E1. The bottom sample (EB1-15') was non-detect for all analytes. TPH-g was present in all sidewall samples at concentrations below the Target Soil Concentration of 83 milligrams per kilogram (mg/kg) with one exception. Sample SW1-10' contained TPH-g at 110 mg/kg. TPH-mo was also detected in this sample at 15 mg/kg, well below the target soil concentration of 2,500 mg/kg. TPH-mo was not detected in the remaining samples. Various BTEX compounds were detected in all sidewall samples. Benzene exceeded the target concentration in two samples reaching a maximum of 0.18 mg/kg in NW1-12'. Xylenes exceeded the target concentration in one sample: SW1-10' at 4.1 mg/kg.

2.4.2 Excavation E2 Results

A total of three bottom and nine sidewall samples were analyzed from excavation E2. The bottom samples (EB2-11.5', CB2-11.5', and WB2-11.5') were non-detect for all analytes. TPH-g was non-detect in all sidewall samples with one exception. Sample WW2-9.5' contained TPH-g at 1400 mg/kg. TPH-mo was also detected in this sample at 3400 mg/kg, above the target soil concentration of 2,500 mg/kg. TPH-mo was detected only one of the remaining samples: EW2-9.5' at a concentration of 23 mg/kg. BTEX compounds were non-detect in all sidewall samples with one exception. Sample WW2-9.5' contained ethylbenzene and xylenes at 42 and 180 mg/kg, respectively.

2.4.3 Excavation E3 Results

A total of one bottom and four sidewall samples were analyzed from excavation E3. The bottom sample (EB3-12.5') was non-detect for all analytes. Staining and elevated PID readings were observed in the final sidewalls of E3 from approximately 8 to 12 feet bgs. TPH-g was present in all sidewall samples at concentrations that exceed the target concentration. TPH-g concentrations ranged from 2000 to 7600 mg/kg. TPH-mo was also detected in all E3 sidewall samples at concentrations that exceed the target concentration. TPH-mo concentrations ranged from 3500 to 14,000 mg/kg. BTEX compounds were detected in all sidewall samples at concentrations that exceed the target concentration. Benzene concentrations ranged from 20 to 54 mg/kg. Toluene ranged from 110 to 410 mg/kg. Ethylbenzene ranged from 33 to 150 mg/kg. Xylenes ranged from 100 to 680 mg/kg.

2.5 Excavation Activities Summary

On October 22 to 29, 2012 source removal and backfilling activities were conducted at three excavations at the site. A total of 447.52 tons of hydrocarbon soil were removed from the three excavation areas. Observations made during the excavations and confirmation soil samples collected from the excavation bottoms and sidewalls indicate the following:

<u>Excavation E-1 (Former UST-hold)</u>
Hydrocarbon impacts in soil at this location are substantially remediated. One sidewall soil sample was found to slightly exceed the ESLs for THP-g and xylenes and two samples exceeded the ESLs for benzene. The objectives of this excavation were met since the bottoms samples were below the agreed upon target concentrations.

<u>Excavation E-2 (Former hydraulic lifts)</u>
Hydrocarbon impacts in soil at this location are substantially remediated. One sidewall sample collected from the west wall (closest to the former UST pit) contained concentrations of TPH-g, TPH-mo, ethylbenzene and xylenes at concentrations that exceeded the ESLs. The objectives of this excavation were met since the bottoms samples were below the agreed upon target concentrations.

Excavation E-3 (Former hydraulic lift near DPE-5)
Hydrocarbon impacts in soil at this location remain in sidewalls at depths between approximately 7 to 11.5 feet bgs. Concentrations of TPHg, TPH-mo and BTEX exceeded the ESLs in all sidewall samples. The objectives of this excavation were met since the bottoms samples were below the agreed upon target concentrations.

3.0 Well Abandonment and Replacement

Technical comment 1 of the October 5, 2012 Directive Letter requested:

Decommissioning of three groundwater monitoring wells (MW-1, MW-2, MW-3), three vapor points (VP-1, VP-2, VP-3), and a dual phase extraction well (DPE-9):

Technical Comment #2 from ACEH's August 10, 2012 Directive Letter was not addressed in the Site Conceptual Model (SCM) contained in the September 7, 2012 Addendum. ACEH's preference is to keep the wells as long as possible as they continue to be useful. Please provide justification to support decommissioning these wells and justification for or against reinstallation of DPE-9 in the updated SCM that ACEH requests to be included in the Soil and Groundwater Investigation Report requested below.

3.1 Purpose of the Existing Wells

The locations of the existing wells are shown in Figure 2 along with other site features including the outline of the proposed building and a rose diagram depicting the measured groundwater flow directions at the site. Well construction details are summarized on Table 2.

Monitoring wells MW-1, MW-2 and MW-3 were installed in 1987 to investigate the groundwater conditions adjacent to, and down-gradient from, the UST-hold immediately after the UST was removed in 1987. Since that time the wells have been used to establish the groundwater surface gradient and to assess the dissolved constituents related to the leaking UST. These wells were sampled during more than 30 events beginning in 1989. Two additional wells (MW-4, MW-5) were installed off-site in 1994 and appear to define the downgradient extent of the dissolved plume to the north-west and west.

Vapor Monitoring Points VP-1, VP-2 and VP-3 were installed at depths of approximately 5-feet below the ground surface (bgs) in December 2011 to determine the soil vapor extraction radius of influence during the HVDPE Pilot Test. Since that time, soil vapor samples have been collected from the wells to assess shallow soil vapor conditions in source area near the former UST-hold. Since their use during pilot testing and HVDPE pressure monitoring, the wells have been sampled during 4 events.

Dual phase extraction well DPE-9 was installed January 2012 as an additional dual phase extraction remediation point at the down/cross-gradient edge of the hydrocarbon plume. Since

that time the well has been used as an additional groundwater monitoring point to refine the groundwater surface gradient and to assess the dissolved plume constituent concentrations near the downgradient plume margin. At the request of the ACEH, the well was added to the quarterly monitoring well schedule in and has now been monitored during 3 events.

Note that the seven of the existing DPE wells (DPE-2, 3, 4, 5, 8, 10 and 11) will remain beneath the proposed building. These wells will be plumbed to a central manifold located outside of the proposed structure for use during future remedial actions, if needed. The wellheads and plumbing will be completely covered by the slab foundation of the building. The plumbing is also intended to be used to abandon the wells (by pressure grouting) at the conclusion of the project. Well DPE-6 is located outside the footprint of the proposed structure and will be used as an up/cross-gradient groundwater monitoring point and for future remedial actions, if needed.

3.2 Current Status of the Existing Wells

Groundwater monitoring wells MW-1 through MW-3 are currently monitored and sampled on a quarterly basis and provide data in the core of the hydrocarbon plume. Dissolved concentrations of the constituents of concern (primarily gasoline range hydrocarbons [THPg] and benzene, ethyl-benzene, toluene and xylenes [BTEX]) have been trending generally downward in all of the groundwater wells at the site (Figures 5 through 9).

Vapor Monitoring Points VP-1, VP-2 and VP-3 were installed in December 2011 to determine the soil vapor extraction radius of influence during the HVDPE Pilot Test. Since that time, the wells have been used to monitor shallow soil vapor conditions in source area near the former UST hold. Since their use during pilot testing and HVDPE pressure monitoring, the wells have been sampled during 3 quarterly monitoring events. To date, no constituents of concern have been detected in these wells.

Dual phase extraction well DPE-9 was installed January 2012 as an additional dual phase extraction point at the down/cross-gradient edge of the hydrocarbon soil plume. Since that time the well has been used as an additional groundwater monitoring point to refine the groundwater surface gradient and to assess the dissolved constituent concentrations related to the leaking UST. At the request of the ACEH, the well was added to the quarterly monitoring well schedule and has now been monitored during 3 events.

3.3 Rationale for Well Abandonment

The primary reason for decommissioning the wells is to allow for redevelopment of the property. As discussed in previous reports and conversations with the ACEH, wells MW-1, MW-2, MW-3, VP-1, VP-2 and VP-3, and DPE-9 lie within the footprint of, or are immediately adjacent to, the northern end of the approved 130 foot by 65 foot building planned for the site. The well locations and the outline of the proposed building are shown in Figure 2. Site grading activities, in preparation for construction of the concrete slab foundation, are scheduled to commence during the first week of January 2013. Once site grading commences the wells will no longer be accessible for monitoring and sampling.

Due to the planned commercial/retail use of the proposed building, the added cost of accommodating the existing wells into the floor-plan of the prospective businesses would exceed the cost of installing replacement wells. Further, routine sampling events would require accessing the wells during off-business hours to minimize disruption to the tenant and reduce safety risks to the public, thereby causing additional and on-going expense.

In terms of the Conceptual Site Model (CSM), one groundwater monitoring well would conceivably be useful for monitoring the expected declining concentrations of hydrocarbons in the core of the groundwater plume and several additional wells would be useful for monitoring the edges of the dissolved plume. The current array of MW-1, -2 and -3 is not ideal in that all three wells are located in or near the plume core. Well DPE-9 currently provides mid-plume groundwater data downgradient of the source.

In terms of the Conceptual Site Model (CSM), the array of existing vapor monitoring points is also not ideal. The VP wells were originally installed to monitor the DPE vacuum radius of influence at distances of 5, 15 and 20 feet from the former UST-hold. No vapor monitoring points were installed to provide data at the plume margins. However, since no constituents of concern have been detected in samples collected from the existing vapor points located in the core of the plume, it is unlikely that constituents of concern would be detected in samples collected from mid-plume or at the margins of the plume. If additional DPE remediation is necessary, existing data from the original wells can be used to estimate the vacuum radius of influence.

In order to minimize mobilization costs, all of the wells discussed above were originally planned to be abandoned along with two additional wells (DPE-3 and AS-1) located former UST hold which was recently excavated. ACEH gave partial approval for the *Well Abandonment and Replacement Work Plan* on August 10, 2012, which concurred with the decommissioning of the wells within the proposed source removal excavation, but cautioned that the remaining wells may be needed for corrective actions between now (August 2012) and future development.

On August 20, 2012, wells DPE-3 and AS-1 were decommissioned and the remaining wells were left in place. The remaining wells have now been monitored for two additional events since the *Well Abandonment and Replacement Work Plan* was submitted. The final event was conducted on November 16, 2012. No further monitoring is anticipated for the remaining wells at this time or in the future.

3.4 Rationale for Replacement Wells

It is anticipated that the replacement of groundwater monitoring wells and soil vapor monitoring points will occur in the spring of 2013, after the site grading and construction have been substantially completed. The replacement groundwater monitoring wells will be used to collect groundwater elevation data and groundwater samples to provide lateral definition of the dissolved hydrocarbon plume and include one well to monitor groundwater conditions in the plume core. If required by the ACEH, replacement vapor monitoring points will be located to provide soil vapor data in the plume core and adjacent to the proposed building overlying the former UST-hold. It is anticipated that four (4) groundwater monitoring wells and four (4) soil

vapor monitoring points will be installed. The proposed replacement well locations are shown on Figure 10 and the rationale for each is described below.

As requested by the ACEH, the number and locations of the new wells are based on the updated Conceptual Site Model, which incorporates the results of recent soil sampling conducted during the interim source removal excavations and the latest groundwater monitoring results. Table 3 summarizes the proposed replacement well details.

The proposed replacement wells will provide an efficient and more complete monitoring of the groundwater plume conditions. The current well array has at least three gaps: cross-gradient west, down-gradient between wells MW-4 and MW-5, and cross-gradient northeast. The current array also has three wells located in the core of the plume which give redundant data. The proposed well array contains one well in the core of the plume and provides broader coverage both down and cross gradient. The proposed array incorporates ACEH's suggestion that at least three additional wells would be required to define the groundwater plume in addition to adding DPE-6 to the monitoring well network. This would bring the total number of groundwater monitoring points to 7 wells.

3.5 Protection of Remaining Wells

Seven DPE wells (DPE-1, DPE-2, DPE-4, DPE-5, DPE-8, DPE-10 and DPE-11) will remain in-place beneath the proposed building. These wells will eventually be plumbed to a common manifold located adjacent of the building so that future remediation can be performed, if needed. One additional DPE well (DPE-6) will remain outside of the proposed building and will be used as a groundwater monitoring well and, if needed, for remediation.

During construction, all of the wells will be protected to minimize the possibility of being damaged during site grading and construction. Since the building plan requires that the upper 2-feet of soil at the site be graded and re-compacted for the new structures, the wells casings will be cut down to approximately 3-feet below grade, capped and buried in pea-gravel. It is anticipated that the wells will be unavailable for use between January and April 2013.

Upon completion of site grading and compaction, survey data will be used to locate the wells and the well-heads will be reconstructed. The DPE wells beneath the building will be plumbed to a common manifold located adjacent of the building as discussed above. Well DPE-6 will be reconstructed within a traffic-rated street box.

4.0 Conceptual Site Model Update

Technical comment 1 of the October 5, 2012, directive letter requested an updated Conceptual Site Model (CSM). The results of the recent excavations and confirmation soil sampling have been incorporated into CSM which is presented in Attachment B. The new information has resulted in resolution of one of the data gaps: the Release Occurrence / Waste-Oil UST is no longer a data gap. Confirmation soil samples collected from the former UST-hold (excavation E1) showed no motor-oil range hydrocarbons exist in the bottom sample or sidewall samples.

Additional evidence is provided by the lack of motor-oil range hydrocarbons in the majority of confirmation samples collected in excavation E2. It appears the source of the remaining oil-range hydrocarbons was the hydraulic lifts.

Additional insights gained from observations and confirmation soil sample analyses include:

- HVDPE was effective in removing hydrocarbons in the vicinity of the former UST-hold.
- Based on observations of soil staining and PID readings in excavations E1, E2 and E3, the shape of the hydrocarbon plume in soil appears to be consistent with the initial model. It appears to have been thickest at the source (UST's and lifts) thinning quickly with distance from the source. In addition, the impacts do not appear to extend beyond the depth of the former excavation bottom (14.5 feet bgs) in the vicinity of the former UST-hold or beyond a depth of approximately 12 feet bgs in the vicinity of the hydraulic lifts.
- Waste-Oil does not appear to have been present in significant quantities in the vicinity of the former UST-hold.
- Hydraulic oil mixed with gasoline remains in the vicinity of DPE-5.

Remaining data-gaps include:

- Nature and Extent of Impacts / Impacts to Groundwater: The current well array leaves a gap in coverage to the west, northwest and northeast. The gap will be addressed by installing four (4) additional groundwater monitoring wells and by converting well DPE-6 to a groundwater monitoring well.
- Nature and Extent of Impacts / Impacts in Vapor Phase: ACEH has requested further monitoring of soil vapor in the vicinity of the hydrocarbon plume. Four (4) additional vapor monitoring points (VP-4, -5, -6, and -7) will be installed around the perimeter of the planned building. The three (3) existing vapor monitoring points (VP-1, -2 and -3) will be abandoned prior to construction of the proposed building as they will become inaccessible once construction begins.
- Potential Receptors and Risks / On-site: Risk to on-site receptors is unknown. Human health risks will be evaluated upon further groundwater and soil vapor monitoring, and implementation of data gaps investigation. Mitigation measures will be recommended, as needed, during construction.
- Potential Receptors and Risks / Off-site: Risk to off-site receptors is unknown. Human health risks will be evaluated upon further groundwater and soil vapor monitoring.

5.0 Schedule of Activities

Groundwater and soil vapor monitoring for the 4th quarter of 2012 was completed in November. The final quarterly monitoring report for 2012 will be issued in late December. The next activity scheduled at the site is the abandonment and protection of wells. It is anticipated that abandonment and protection work will be completed within two weeks of receiving ACEH approval of this Well Abandonment and Replacement Work Plan; based on the current

construction schedules these activities need to occur in January 2013. Also pending ACEH approval, the replacement wells are anticipated to be installed in the first quarter of 2013.

6.0 References

Alameda County Environmental Health Department (ACEH), November 4, 2011. *Request for Pilot Test Workplan*

ACEH, October 5, 2012, *Conditional Approval of the Revised Data Gap Investigation and Interim Source Removal Work Plan*

AEI Consultants (AEI) 2011a. *Phase I Environmental Site Assessment*, 1600 – 1650 Park Street, 1600 – 1606 Foley Street, 2329 Pacific Avenue, Alameda, California, July 5, 2011.

AEI 2011b. *Phase II Subsurface Investigation*, 1600 to 1630 Park Street, Alameda, California, August 16, 2011.

AEI 2011c. *Interim Corrective Action Plan*, 1630 Park Street, Alameda, California, September 28, 2011.

AEI 2011d. *ICAP Comment Letter Response and Pilot Test Workplan Details*, 1630 Park Street, Alameda, California, November 14, 2011.

AEI 2012a. *Investigation and Remedial Action Workplan*, 1630 Park Street, Alameda, California, January 12, 2012.

AEI 2012b. *Corrective Action Plan*, 1630 Park Street, Alameda, California, February 3, 2012.

AEI 2012c. *Subsurface Investigation and Well Installation Report, 1630 Park Street, Alameda, California,* March 30, 2012.

AEI 2012d. *Response to April 16, 2012 Comments, 1630 Park Street, Alameda, California,* April 25, 2012.

AEI 2012e. *Data Gap and Interim Source Removal Workplan*, 1630 Park Street, Alameda, California, May 4, 2012.

AEI 2012f. *HVDPE Pilot Testing and Operation Report*, June 29, 2012.

RWQCB 2008. *Environmental Screening Levels*, San Francisco Regional Water Quality Control Board ACEH, November 23, 2011.

GeoPlexus Incorporated, October 28, 1993. *Supplemental Site Characterization, Good Chevrolet 1630 Park Street, Alameda, CA*

GeoPlexus Incorporated, April 30, 1997. *Phase II Remedial Investigation Report, Good Chevrolet 1630 Park Street, Alameda, CA*

GeoPlexus Incorporated, December 18, 1998. *Preliminary Remedial Risk Assessment for Good Chevrolet 1630 Park Street, Alameda, CA*

Groundwater Technology, Inc. April 29, 1987. *Report Subsurface investigation Good Chevrolet 1630 Park Street, Alameda, CA*

Helley, E.J. and R.W. Graymer, 1997. *Quaternary Geology of Alameda County and Surrounding Areas, California: Derived from the Digital Database Open-File 97-97, 1997*

Norfleet Consultants, 1998. *Groundwater Study and Water Supply History of the East Bay Plain, Alameda and Contra Costa Counties, California.* Prepared for the Friends of the San Francisco Estuary, P.O. Box 791, Oakland, California, and dated June 15, 1998.

7.0 Report Limitations

This report has been prepared by AEI Consultants relating to the property located at 1630 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 contains estimates of costs for various activities that could be implemented at the site. These 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.

We welcome comments and questions from ACEH staff. Please contact us (925) 746-6000.

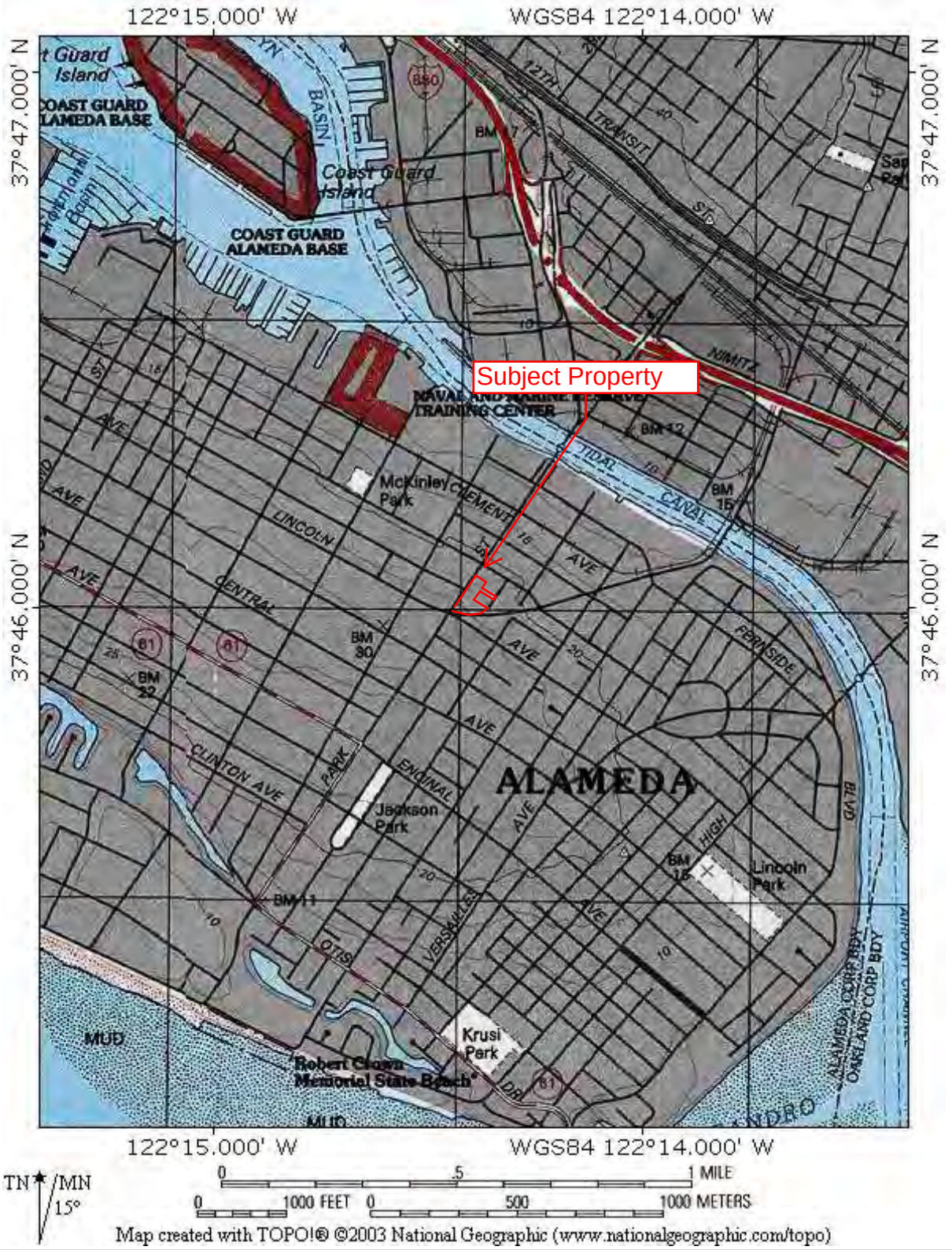
Sincerely,
AEI Consultants

Robert Robitaille
Sr. Project Manager

Peter J. McIntyre, PG, REA
Sr. Vice President, Geologist

Distribution:
John Buestad, Foley Street Investments
Karel Detterman, Alameda County Environmental Health Department (FTP Upload)
GeoTracker (Upload)

FIGURES



SITE LOCATION MAP

1600-1650 Park Street

Alameda, California 94501

N

FIGURE 1

Source: USGS

Project Number: 298931

AEI Consultants

GP18
GP14
GP19
GP13
GP20
GP12
BUILDING
MW-5
DRIVEWAY
GP11
Light Pole and Concrete Footer
MW-4
EB5
DRIVEWAY
AEI-20
DPE-9
GP5
GP10
DPE-10
GP6
FENCE
PARK ST.
MW-3
EB8
MW-2
EB9
GP4
GP24
DPE-11
DPE-8
GP9
GP8
AEI-28
DPE-1
MW-1
EB10
EB6
EB4
EB11
GP1
DPE-4
GP7
EB12
DRIVEWAY
AEI-21
AEI-22
GP23
AS-1
DPE-3
Former UST Hold
DPE-2
EB3
EB2
EB1
DPE-7
EB7
AEI-27
AEI-4
GP3
AEI-23
GP21
CONCRETE
DPE-5
DPE-6
GP2
AEI-6
GP22
AEI-3
AEI-11
AEI-7
AEI-25
AEI-8
AEI-24
AEI-26
AEI-12
N
W
E
S
BUILDING
0 10 20
Scale: 1" = 20'
AEI-5
AEI-13
AEI-1

LEGEND

- Remediation Well (12/11 and 1/12)
- AEI Soil Boring (1/12)
- Vapor Probe (12/11)
- AEI Soil Boring (7/11)
- Soil Boring (4/08)
- Soil Boring (1/97)
- Groundwater Monitoring Well
- Air Sparge Well
- Existing Hydraulic Lift
- Former Hydraulic Lift

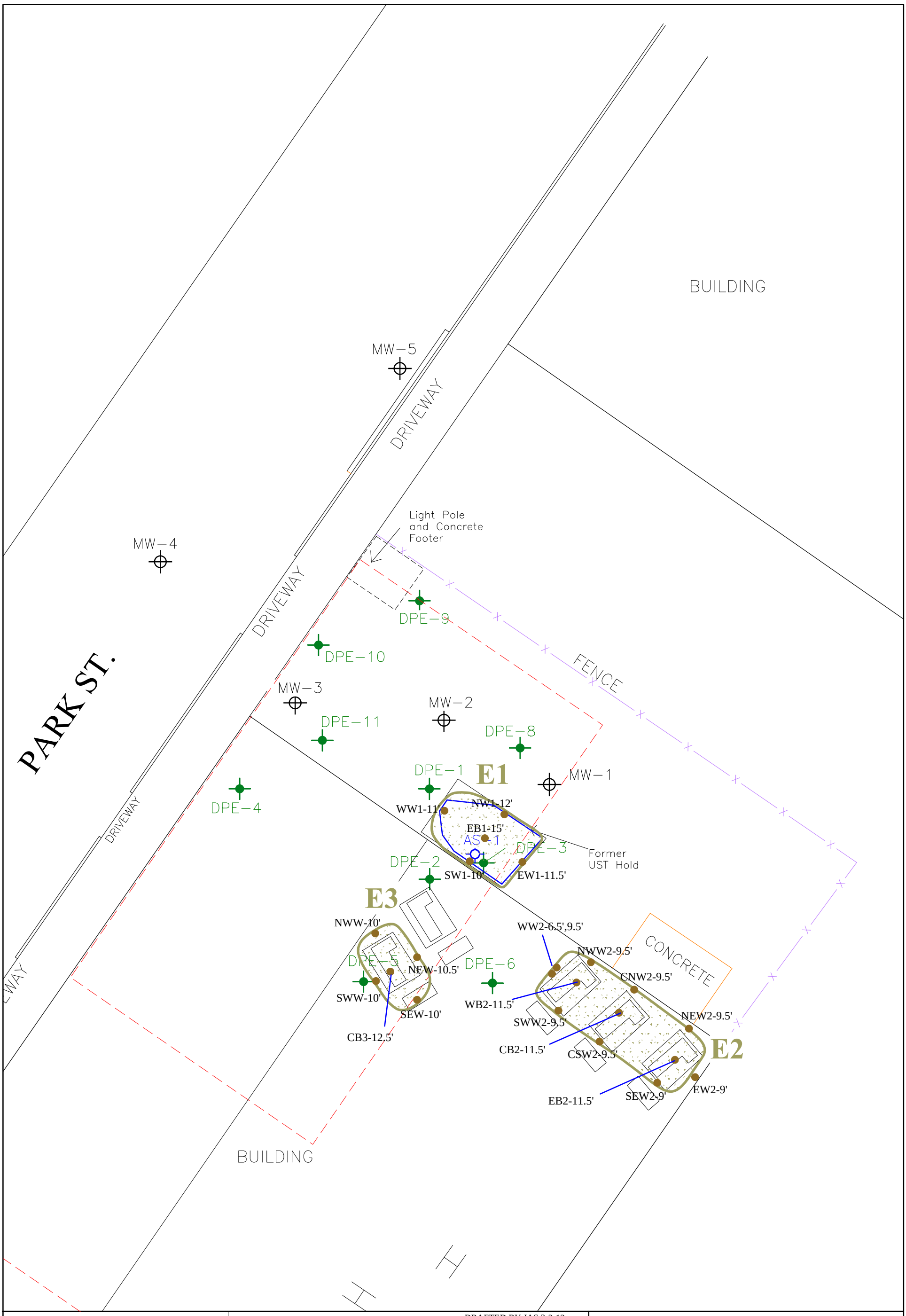
DRAFTED BY JAS 3-2-12
REVISED BY STL 10-17-12

AEI CONSULTANTS
2500 CAMINO DIABLO, WALNUT CREEK

SITE PLAN

1630 PARK STREET
ALAMEDA, CALIFORNIA

FIGURE 2
PROJECT NO. 298931



N

W E

S

0 10 20

Scale: 1" = 20'

LEGEND

DRAFTED BY JAS 3-2-12
REVISED BY STL 11-12-12

- Remediation Well (12/11 and 1/12)
- Soil Sample Location (10/12)
- Groundwater Monitoring Well
- Proposed Building Extents
- Former Hydraulic Lift
- Excavation Extents

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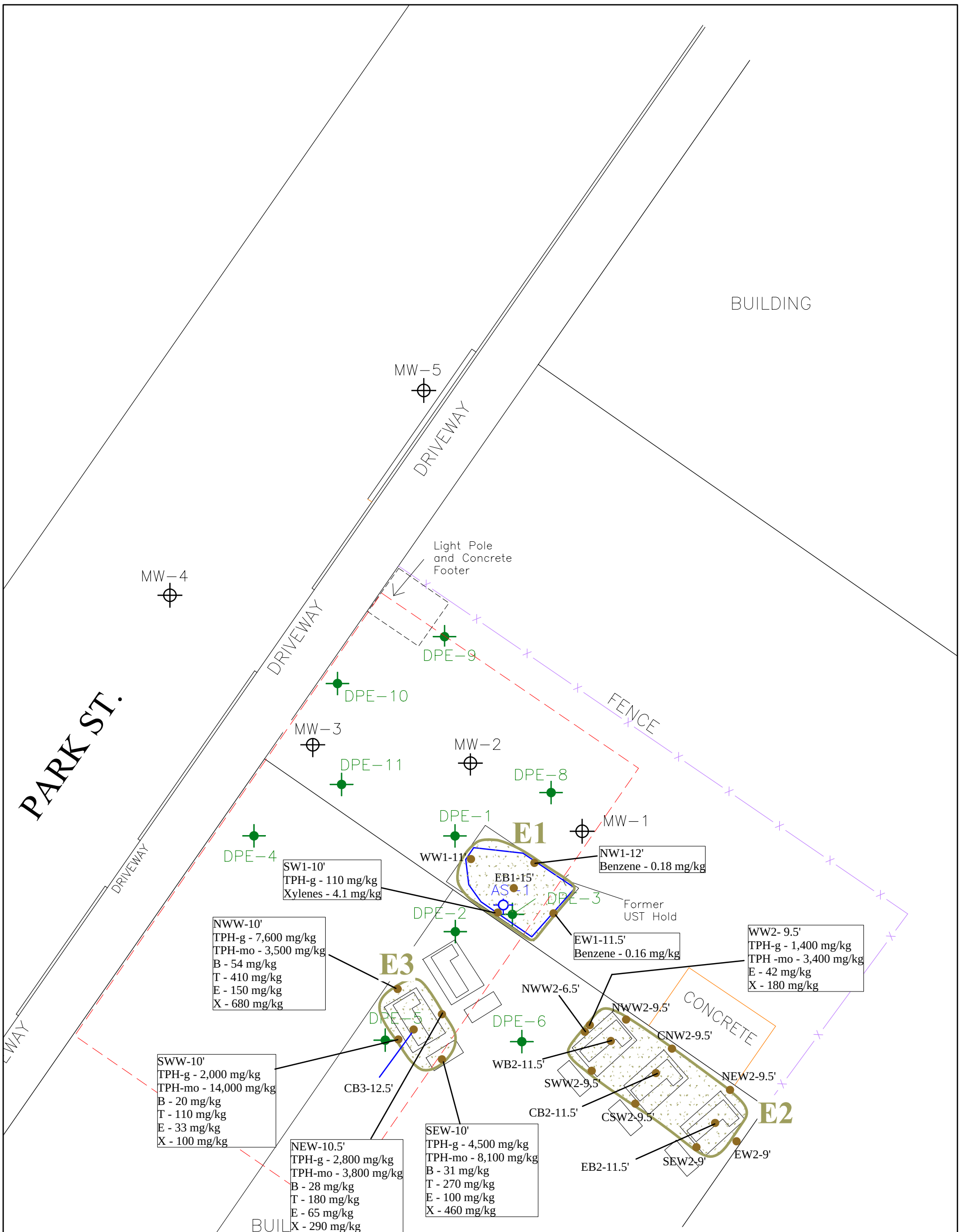
2500 CAMINO DIABLO, WALNUT CREEK

EXCAVATION MAP

1630 PARK STREET
ALAMEDA, CALIFORNIA

FIGURE 3
PROJECT NO. 298931



DRAFTED BY JAS 3-2-12
REVISED BY STL 11-12-12

AEI CONSULTANTS

2500 CAMINO DIABLO, WALNUT CREEK

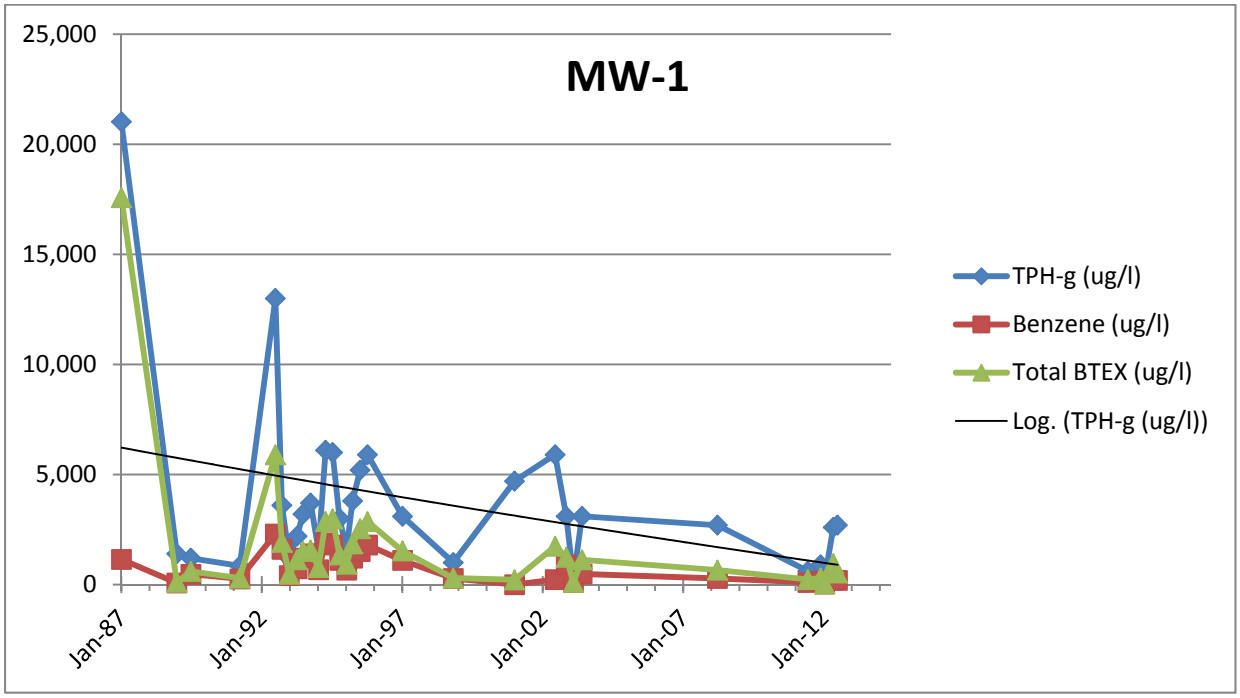
Excavation Analytical Data
October 2012

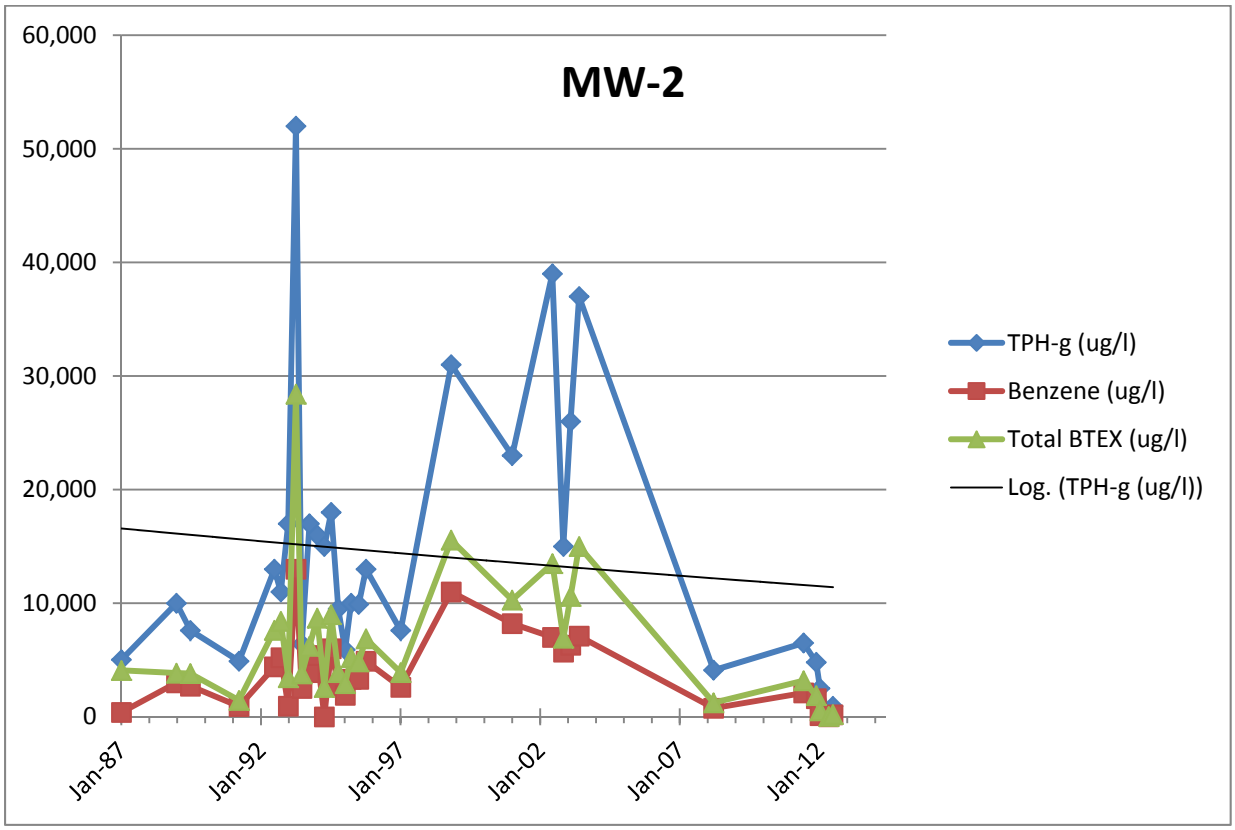
1630 PARK STREET
ALAMEDA, CALIFORNIA

FIGURE 4
PROJECT NO. 298931

Hydrocarbon Concentrations in Groundwater

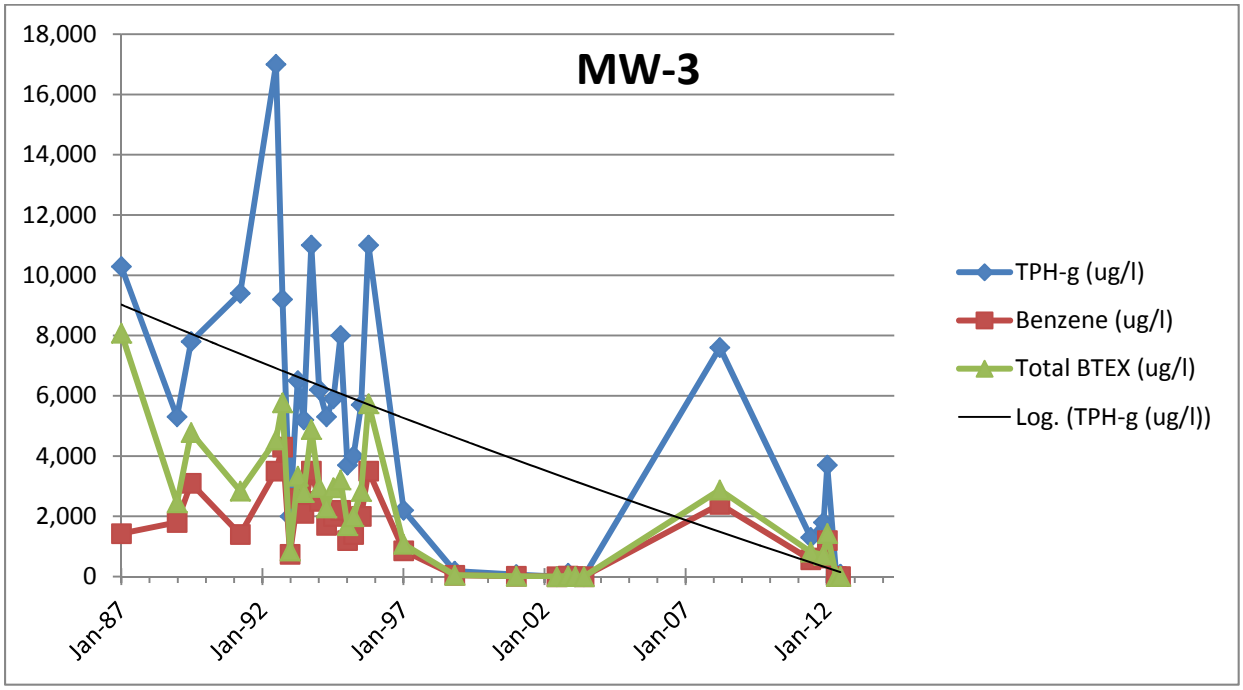
FIGURE 5

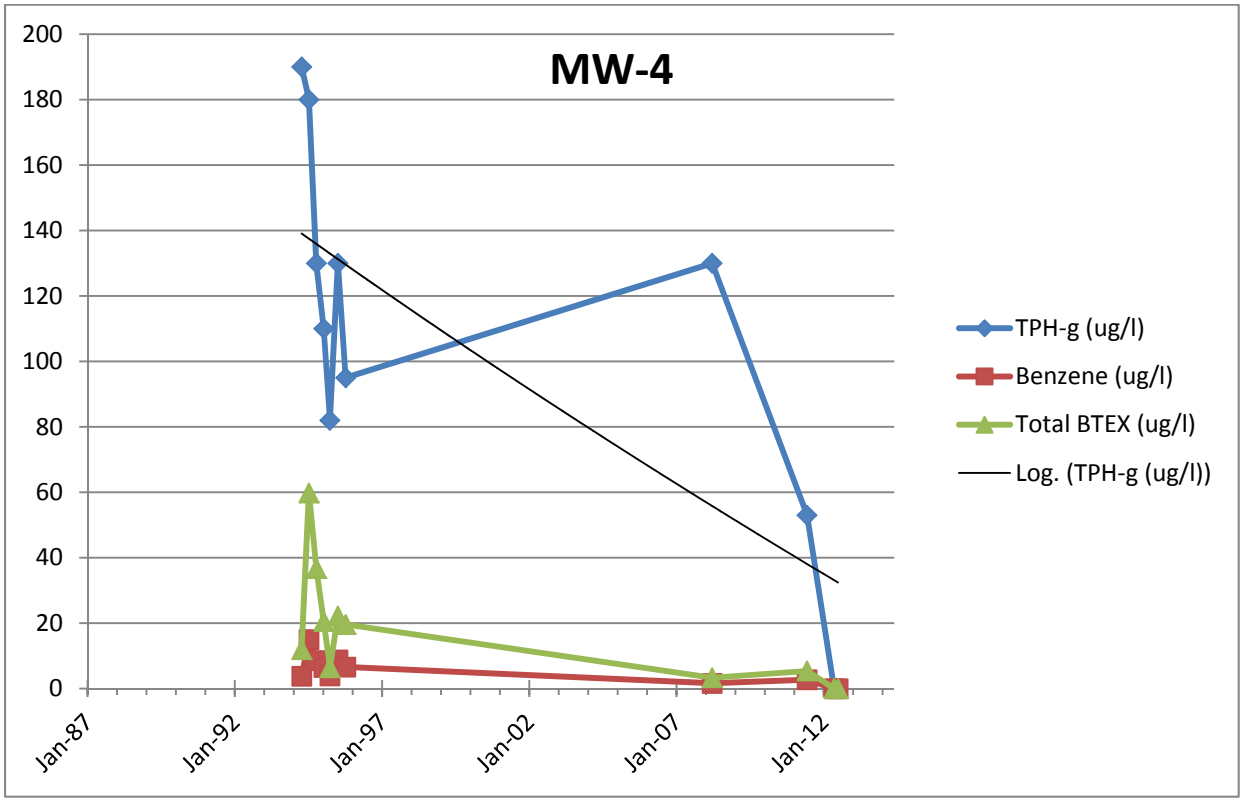




Hydrocarbon Concentrations in Groundwater

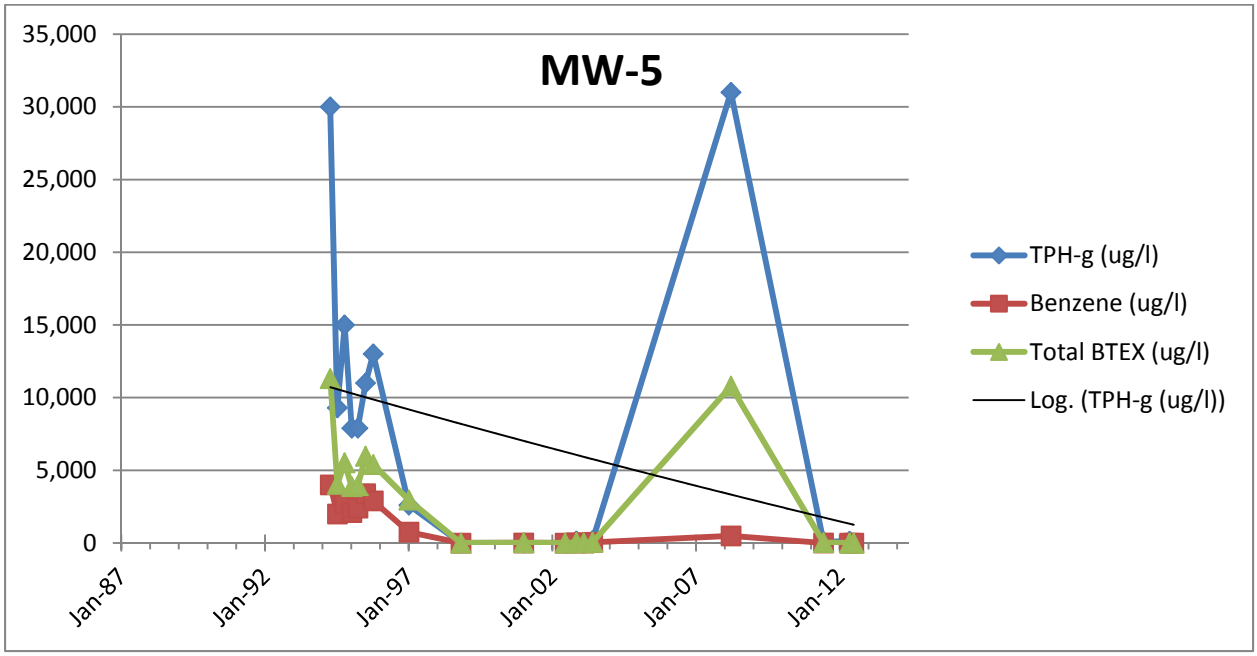
FIGURE 6





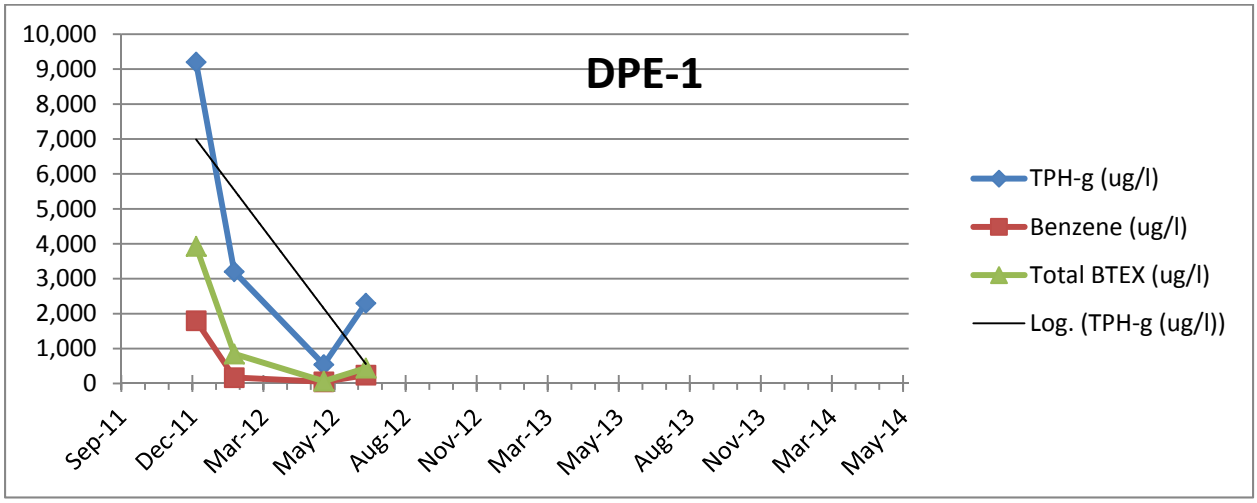
Hydrocarbon Concentrations in Groundwater

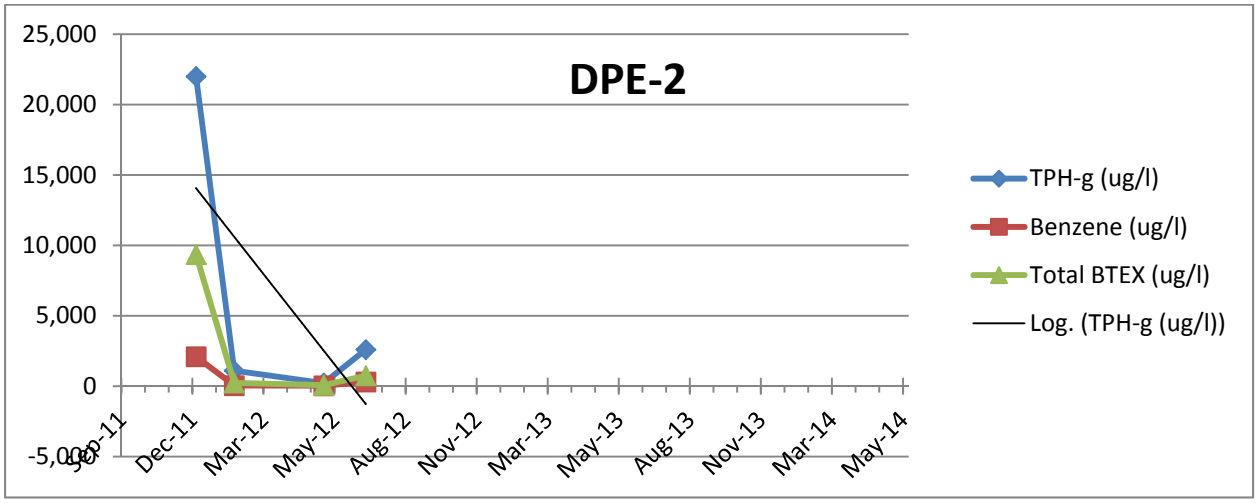
FIGURE 7

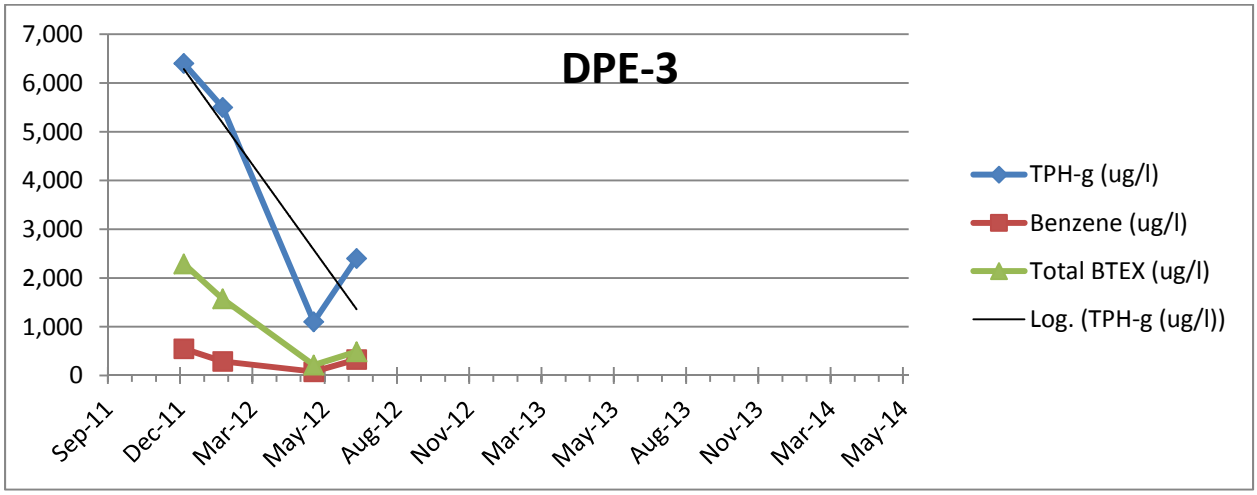


Hydrocarbon Concentrations in Groundwater

FIGURE 8

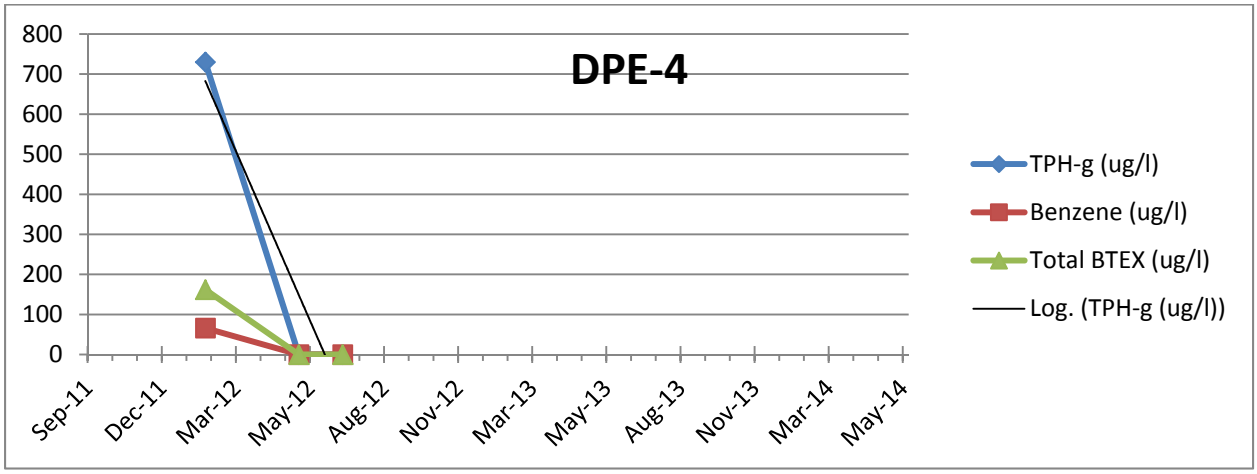


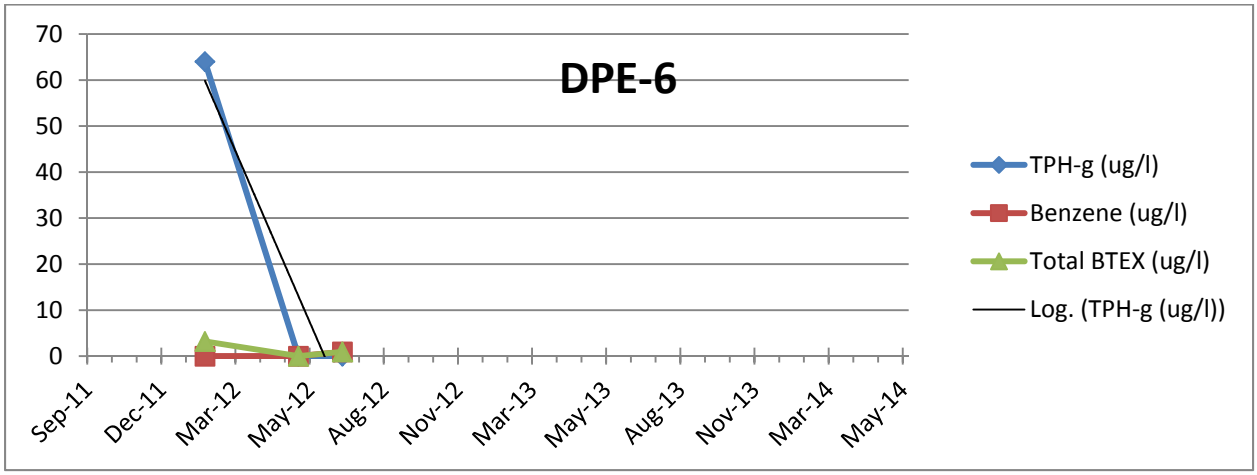


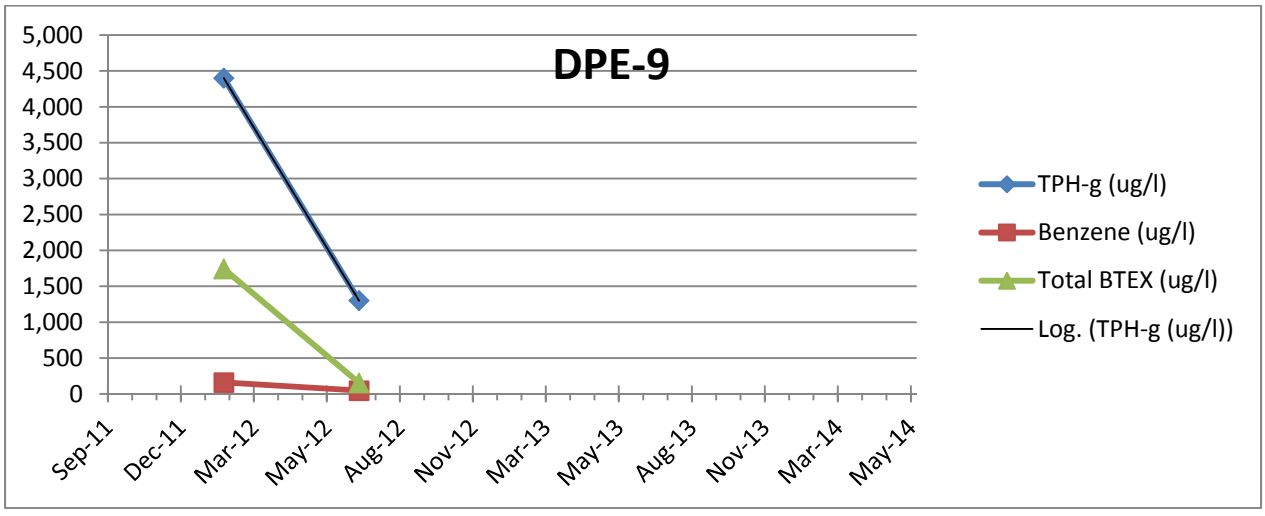


Hydrocarbon Concentrations in Groundwater

FIGURE 9

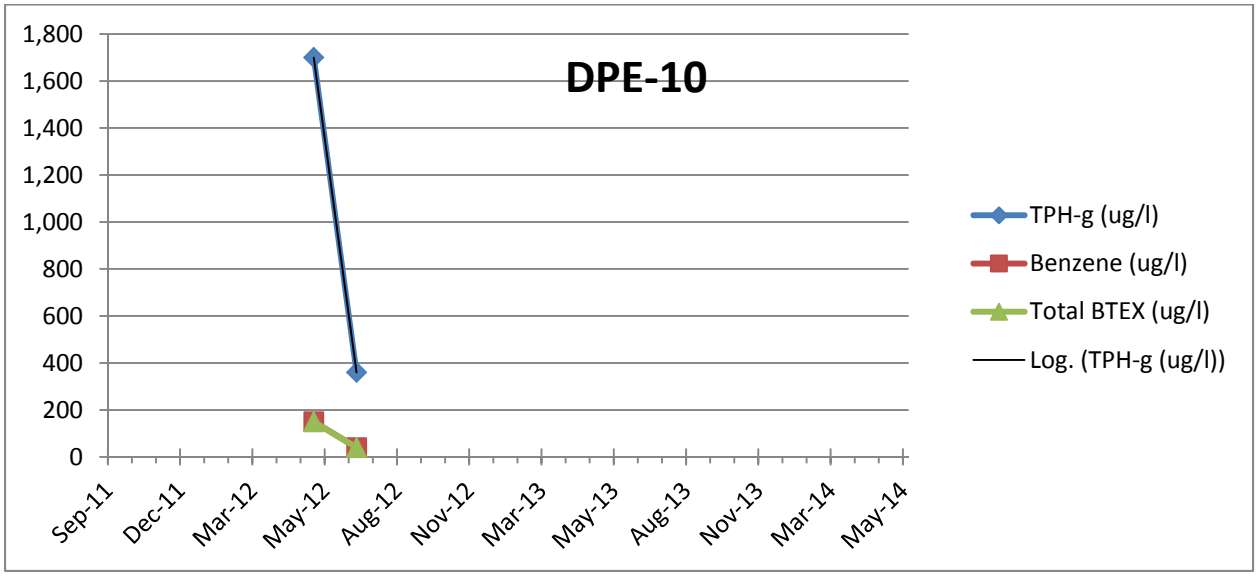


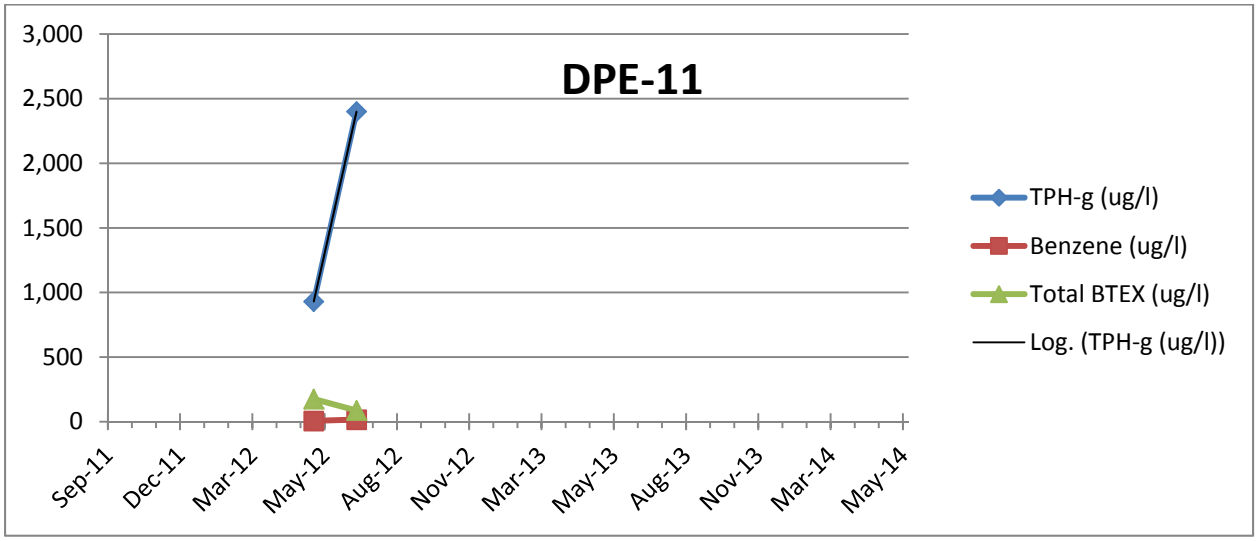




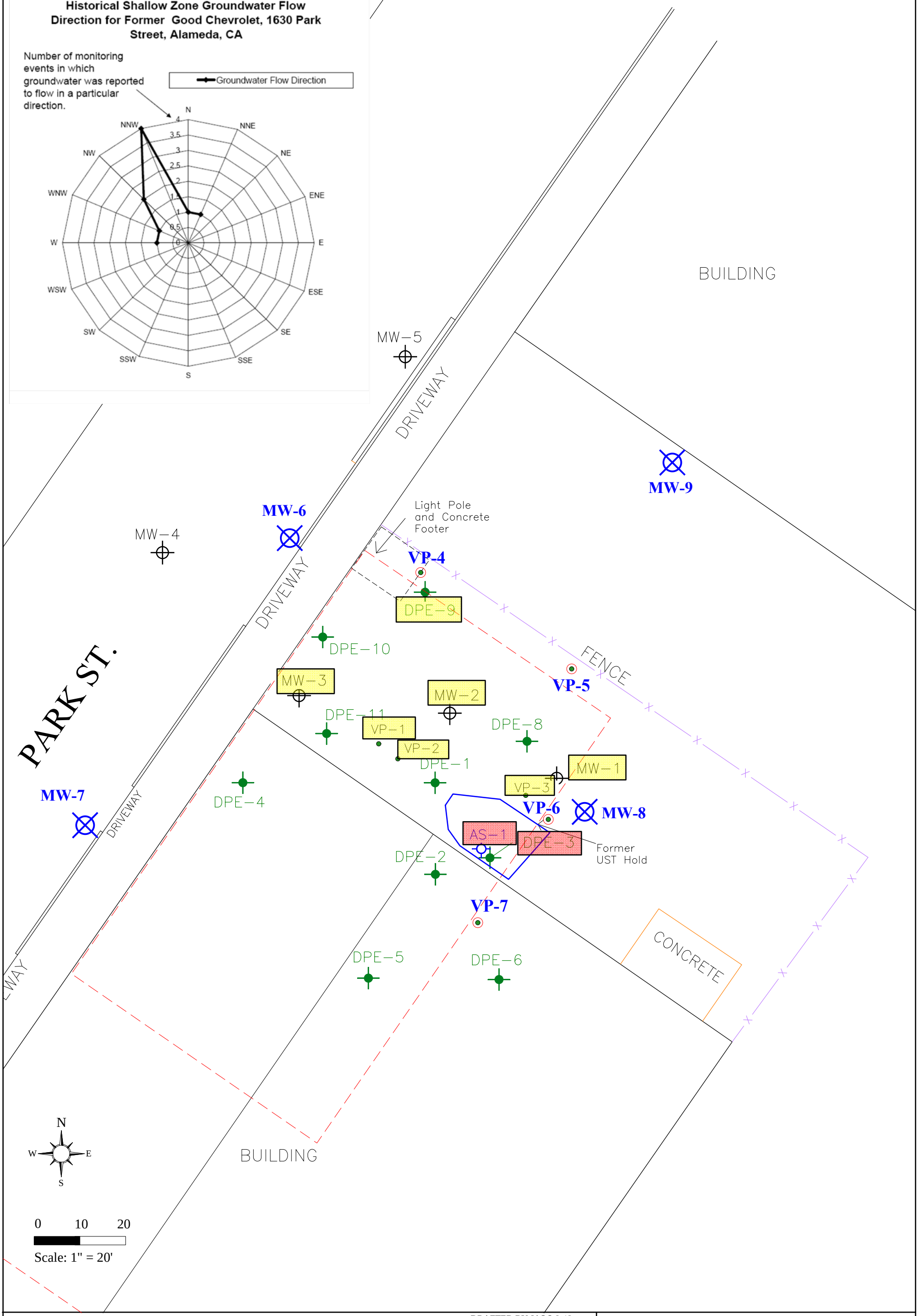
Hydrocarbon Concentrations in Groundwater

FIGURE 10





Historical Shallow Zone Groundwater Flow Direction for Former Good Chevrolet, 1630 Park Street, Alameda, CA



LEGEND

- Remediation Well (12/11 and 1/12)
- Groundwater Monitoring Well
- Air Sparge Well
- Proposed Monitoring Wells
- Proposed Vapor Monitoring Point
- DPE-3 — Abandoned
- MW-2 — Planned to be Abandoned

DRAFTED BY JAS 3-2-12
REVISED BY RR 12-06-12

AEI CONSULTANTS
2500 CAMINO DIABLO, WALNUT CREEK

PROPOSED REPLACEMENT WELL LOCATIONS

1630 PARK STREET
ALAMEDA, CALIFORNIA

FIGURE 11
PROJECT NO. 298931

TABLES

Table 1
Soil Sample Analytical Data Summary
TPH and MBTEX
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	Approx. Depth (feet)	TPH-g (mg/kg)	TPH-mo (mg/kg)	MTBE (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)
			EPA Method SW8021B/8015B/m						
E1 Excavation									
EB1-15'	10/22/2012	15	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005
SW1-10'	10/22/2012	10	**110** d2	15 e4,e2	<1.0	<0.10	<0.10	<0.10	**4.1**
WW1-11'	10/22/2012	11	7.1 d2	<5.0	<0.05	0.0084	<0.005	0.013	0.17
EW1-11.5'	10/22/2012	11.5	4.0 d1	<5.0	<0.05	**0.16**	0.22	0.21	0.71
NW1-12'	10/22/2012	12	8.6 d1	<5.0	<0.05	**0.18**	0.40	0.35	1.5
E2 Excavation									
SEW2-9'	10/23/2012	9'	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005
EB2-11.5'	10/23/2012	11.5'	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005
EW2-9.5'	10/23/2012	9.5'	<1.0	23 e7,e2	<0.05	<0.005	<0.005	<0.005	<0.005
NEW2-9.5'	10/23/2012	9.5'	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005
CB2-11.5'	10/23/2012	11.5'	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005
CSW2-9.5'	10/23/2012	9.5'	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005
WB2-11.5'	10/23/2012	11.5'	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005
SWW2-9.5'	10/23/2012	9.5'	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005
WW2-9.5'	10/23/2012	9.5'	**1,400** d2,d9	**3,400** e7,e2,e4	<5.0	<0.50	<0.50	**42**	**180**
WW2-6.5'	10/23/2012	6.5'	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005
NWW2-9.5'	10/23/2012	9.5'	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005
CNW2-9.5'	10/23/2012	9.5'	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005
E3 Excavation									
CB3-12.5'	10/29/2012	12.5'	<1.0	<5.0 e2	<0.05	<0.005	<0.005	<0.005	<0.005
SEW-10'	10/29/2012	10'	**4,500** d1	**8,100** e7,e2,e4	<25	**31**	**270**	**100**	**460**
NWW-10'	10/29/2012	10'	**7,600** d1	**3,500** e7,e2,e4	<50	**54**	**410**	**150**	**680**
NEW-10.5'	10/29/2012	10.5'	**2,800** d1	**3,800** e7,e2,e4	<5.0	**28**	**180**	**65**	**290**
SWW-10'	10/29/2012	10'	**2,000** d1	**14,000** e7,e2,e4	<5.0	**20**	**110**	**33**	**100**
***Target Soil Concentrations**			83	2,500		0.044	2.9	2.3	2.3

Notes:
mg/kg = milligrams per kilogram (equivalent to parts per million)
TPH-g = Total petroleum hydrocarbons as gasoline
TPH-mo = Total petroleum hydrocarbons as motor oil (with silica gel clean-up)
MTBE = Methyl tert-butyl ether
<5.0 = Analyte not detected above the laboratory reporting limit shown

d1 = weakly modified or unmodified gasoline is significant
d2 = heavier gasoline range compounds are significant (aged gasoline)
d9 = no recognizable pattern
e2 = diesel range compounds are significant, no recognizable pattern
e4 = gasoline range compounds are significant
e7 = oil range compounds are significant

*Target Soil Concentrations from the Revised Data Gap Investigation and Interim Source Removal Workplan Addendum (September 7, 2012)

Table 2

Well Construction Details

AEI Project No. 298931, 1630 Park Street, Alameda, California

Well ID Number	Well Installation Date	Elevation TOC (feet)	Casing Material	Total Depth (feet)	Well Depth (feet)	Borehole Diameter (inches)	Casing Diameter (inches)	Screened Interval (feet)	Slot Size (inches)	Filter Pack Interval (feet)	Filter Pack Material
AS-1	11/14/2011	-	PVC	25	25	8	2	20 - 25	0.020	20 - 25	#3 Sand
DPE-1	11/15/2011	-	PVC	16	15	10	4	7 - 15	0.010	6.5 - 16	#2/12 Sand
DPE-2	11/15/2011	-	PVC	16	15	10	4	7 - 15	0.010	6.5 - 16	#2/12 Sand
DPE-3	11/14/2011	-	PVC	16	14	10	4	7 - 14	0.010	6.5 - 16	#2/12 Sand
DPE-4	1/19/2012	-	PVC	17	17	10	4	8 - 17	0.010	7.5 - 17	#2/12 Sand
DPE-5	1/20/2012	-	PVC	18	18	10	4	8 - 18	0.010	7.5 - 18	#2/12 Sand
DPE-6	1/20/2012	-	PVC	18	18	10	4	8 - 18	0.010	7.5 - 18	#2/12 Sand
DPE-8	1/20/2012	-	PVC	18	18	10	4	8 - 18	0.010	7.5 - 18	#2/12 Sand
DPE-9	1/20/2012	-	PVC	18	18	10	4	8 - 18	0.010	7.5 - 18	#2/12 Sand
DPE-10	1/20/2012	-	PVC	17	17	10	4	8 - 17	0.010	7.5 - 17	#2/12 Sand
DPE-11	1/20/2012	-	PVC	18	18	10	4	8 - 18	0.010	7.5 - 18	#2/12 Sand
MW-1	1/15/1987	-	PVC	-	20	8	2	5 - 20	-	-	-
MW-2	1/15/1987	-	PVC	-	20	8	2	5 - 20	-	-	-
MW-3	1/15/1987	-	PVC	-	20	8	2	5 - 20	-	-	-
MW-4	4/20/1994	-	PVC	-	23	8	2	8 - 23	-	-	-
MW-5	4/20/1994	-	PVC	-	22	8	2	7 - 22	-	-	-
VP-1	12/6/2011	-	Stainless Steel	6	6	1.25	1/4	5.1 - 5.6	Mesh	4.7 - 6	#30 Mesh Sanc
VP-2	12/6/2011	-	Stainless Steel	5.9	5.9	1.25	1/4	5.1-5.6	Mesh	4.7-5.9	#30 Mesh Sanc
VP-3	12/6/2011	-	Stainless Steel	5.75	5.75	1.25	1/4	5.1-5.6	Mesh	4.7-5.75	#30 Mesh Sanc

PVC = polyvinyl chloride
TOC = top of casing
"-" = not available

TABLE 3

PROPOSED REPLACEMENT WELL DETAILS

Former Good Chevrolet
1630 Park Street, Alameda, California

PROPOSED				Location	Rationale
Well ID	Well Depth (feet)	Casing Diameter (inches)	Screened Interval (feet)		
MW-6	16-17	2	6-7 to 16-17	Approximately 70-feet northwest of former UST-hold.	To assess groundwater conditions in the estimated down-gradient direction. Addresses potential gap between wells MW-4 and MW-5 and core of plume.
MW-7	16-17	2	6-7 to 16-17	Approximately 80-feet west of former UST-hold.	Location requested by ACEH. To assess groundwater conditions at the plume margin in the estimated cross-gradient direction. Addresses potential gap of well MW-4 and west of DPE-4.
MW-8	16-17	2	6-7 to 16-17	Approximately 10-feet northeast of former UST-hold.	To assess groundwater conditions near the plume core.
MW-9	16-17	2	6-7 to 16-17	Approximately 80-feet north of former UST-hold.	To assess groundwater conditions in the estimated cross-gradient direction.
DPE-6 (existing)	18	4	8 - 18	Approximately 35-feet south of former UST-hold.	Convert existing DPE well to groundwater monitoring well to assess groundwater conditions in the estimated up-gradient direction.
VP-4	6	1/4	5.0 - 5.5	Northern exterior of new building. Exact location TBD based upon final buidling configuration.	To monitor soil vapor conditions for potential use in Human Health Risk Assessment.
VP-5	6	1/4	5.0 - 5.5	Northern exterior of new building. Exact location TBD based upon final buidling configuration.	To monitor soil vapor conditions for potential use in Human Health Risk Assessment.
VP-6	6	1/4	5.0 - 5.5	Eastern exterior of new building adjacent to former UST-hold. Exact location TBD based upon final buidling configuration.	To monitor soil vapor conditions for potential use in Human Health Risk Assessment.
VP-7	6	1/4	5.0 - 5.5	Eastern exterior of new building. Exact location TBD based upon final buidling configuration.	To monitor soil vapor conditions for potential use in Human Health Risk Assessment.

ATTACHMENT A

Source Removal Excavation Report

AEI Consultants
Environmental & Engineering Services

December 7, 2012

Source Removal Excavation Report

Property Identification:
1630 Park Street, Alameda
CA 94501

AEI Project No. 298931

Prepared for:
John Buestad
Foley Street Investments, LLC
2533 Clement Avenue
Alameda, CA 94501

Prepared by:
AEI Consultants
2500 Camino Diablo
Walnut Creek, California 94597
(925) 746-6000

San Francisco HQ
Atlanta
Chicago
Costa Mesa
Dallas
Denver
Los Angeles
Miami
New York
Phoenix
Portland
San Jose

TABLE OF CONTENTS

FIGURES

TABLES

APPENDICES

AEI Consultants
Environmental & Engineering Services
2500 Camino Diablo, Walnut Creek, CA 94597
Tel: 925.746.6000 Fax: 925.746.6099

December 7, 2012

John Buestad
Foley Street Investments, LLC
2533 Clement Avenue
Alameda, CA 94501

Subject: Source Removal Excavation Report
1630 Park Street, Alameda
CA 94501
AEI Project # 298931

INTRODUCTION

AEI Consultants (AEI) has prepared this report to document the soil removal activities at 1630 Park Street, Alameda, California (hereinafter referred to as the "site", see Figure 1: Site Location Map and Figure 2: Overview Map). The site is located in a mixed commercial and residential area of Alameda County. The 1.46 acre property is bound by Park Street to the northwest, 1650 Park Street to the northeast, Foley Street to the Southeast, and Tilden Way to the southwest. AEI has been retained by Foley Street Investments to provide environmental engineering and consulting services relating to a multi-range release of Total Petroleum Hydrocarbons (TPH) and BTEX identified at the site. The release is currently receiving regulatory oversight from Alameda County Environmental Health Department (ACEH).

Good Chevrolet occupied the site from the early 1960's through 2008. According to records on file with the ACEH, one 300-gallon waste-oil underground storage tank (UST) and one 500-gallon gasoline UST were removed from the northern side of the property in 1986. At that time a release of petroleum hydrocarbons consisting primarily of gasoline was discovered. Based on the reports available to AEI, no remedial activities had been performed at the site since the removal of the USTs. AEI was retained in 2011 to complete the characterization phase, remediate the contamination and bring the site to regulatory closure to allow redevelopment as commercial property. Subsequent investigations and remediation actions conducted at the site are discussed in Phase II Subsurface Investigation Report, dated the August 16, 2011; the Corrective Action Plan (ICAP) dated February 3, 2012; the subsequent Response to April 16, 2012 Comments dated April 25, 2012; and the High Vacuum Dual Phase Extraction Pilot testing and Operation Report, dated June 29, 2012.

AEI prepared a *Data Gap Investigation and Interim Source Removal Workplan,* dated May 4, 2012, and a *Revised Addendum* to the work plan, dated September 7, 2012, which was approved by the ACEH in a letter dated October 5, 2012. The source removal portion of the work plan proposed a focused excavation of remaining hot-spots and presented cleanup goals

for the soil removal project based on the San Francisco Bay Regional Water Quality Control Boards (SF Bay RWQCB's) Environmental Screening Levels (ESLs) 2008 guidance document.

The final proposed cleanup targets for the excavation bottom samples are summarized below:

Constituent	*Target Soil Concentrations**
TPH-g	83 mg/kg
TPH-d	83 mg/kg
TPH-mo	2,500 mg/kg
Benzene	0.044 mg/kg
Toluene	2.9 mg/kg
Ethylbenzene	3.3 mg/kg
Total Xylenes	3.3 mg/kg

* Based upon 'Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater' (May 2008).

Three (3) focused excavations were proposed to remove impacted material that could continue to impact groundwater. The first excavation, (E1) addresses potential remaining impacts in the former UST hold backfill soil. The second excavation, (E2) addresses potential source from soil beneath three hydraulic lifts along the north wall of the former building. The third excavation, (E3) addresses potential source from soil beneath the hydraulic lift near DPE-5. The excavations were planned to be focused and to not extend beyond the target areas or to "chase" impacts laterally if such impacts were found at the planned lateral extents of the excavations.

AEI was contracted to excavate, transport, and dispose of impacted soil in the target areas, perform confirmation soil sampling, backfill and compact the excavation to a depth of 4 feet below ground surface (bgs) (See Figure 3: Site Plan).

MOBILIZATION, EXCAVATION, AND REMOVAL

Prior to excavation and removal activities, AEI notified USA North to mark the site for any existing subsurface utilities. No utility conflicts were encountered. Prior to the initiation of work, AEI field staff was briefed and the Site Health and Safety Plan reviewed. The Site Health and Safety Plan is located in Appendix B.

Prior to excavation activities composite soil samples were collected in June of 2012 from each area of concern for waste profiling and investigatory purposes. The soil sample from the area of E1 indicated elevated levels of soluble (WET method) lead, while the areas of E2 and E3 soil samples indicated non-hazardous levels of a multi range of TPH. The soil sample collected from the area of E1 was used to profile for waste acceptance into Clean Harbors Buttonwillow landfill, a Class I hazardous waste facility located in Buttonwillow, California. The soil samples collected from the areas of E2 and E3 were used to profile for waste acceptance into Recology's Hay Road landfill, a non-hazardous Class II landfill facility located in Vacaville, California.

Excavation activities were performed from October 22 to 24, 2012. The excavation locations are shown on Figure 3. Excavation E1 measured approximately 22 by 18 feet with a depth of 15 feet bgs, centered approximately on the former UST-hold. Excavation E2 measured approximately 30 by 12 feet with a depth of 12 feet bgs, incorporated three former hydraulic lifts. Excavation E3 measured approximately 16 by 12 feet with a depth of 12.5 feet bgs, centered on the hydraulic lift near DPE-5. Native soil consisting predominantly of silty fine sand was encountered in all excavations from 1 to 2 feet bgs to the depths explored. Groundwater was encountered at depths of approximately 8 to 10 feet bgs, but did not accumulate in the open excavations.

Excavated soil was directly loaded onto trucks and transported under appropriate waste manifests. Seven (7) loads totaling 167.53 tons of non-RCRA hazardous waste soil were transported under non-RCRA hazardous waste manifest to Clean Harbors Buttonwillow facility. The non-RCRA hazardous waste manifests are located in Appendix B. A total of nineteen (19) loads totaling 279.99 tons of impacted soil were transported to and properly disposed of at the Hay Road facility. The Non-hazardous waste manifests for the excavated soil are located in Appendix B.

Although groundwater was encountered during excavation activities at a depth of 8 to 10 feet bgs, very little water was observed entering the open excavations. In addition, each excavation was backfilled at the end of the day to approximately 2 feet above the static groundwater level at the site. However, heavy rain on October 22 resulted in water accumulating in excavation E2 and on October 23, 2012, Excel Environmental Services Inc, a licensed hazardous waste hauler, used a vacuum truck to removed 925 gallons of non-RCRA hazardous liquid waste from the excavation. The liquid waste was transport under non-RCRA hazardous waste manifest to Riverbank Oil Transfer station in Riverbank, California. Disposal manifests for the waste water are included in Appendix B.

The excavations were backfilled and compacted in lifts using ¾ inch drain rock to approximately 6 feet bgs, and ¾ inch base rock to within 4 feet of the existing grade on October 24th and 25th, 2012. Compaction testing was conducted on the final lift of base rock for all three excavations on October 24 and 29, 2012, by Construction Materials Testing, Inc. of Concord, California. All three excavations received greater than 98% compaction. Compaction testing results are located in Appendix C.

CONFIRMATION SOIL SAMPLING

Confirmation soil samples were collected daily in accordance with the work plan from excavation sidewalls and bottoms at depths ranging from 9 to 15 feet bgs. Confirmation soil sample locations were biased toward the areas with the heaviest staining and/or worse-case indicators of contamination. The excavation bottom soil samples were collected at depths ranging from 11 to 15 feet bgs. Five (5) confirmation soil samples were collected from excavation E1, one from the west wall at 11 feet, north wall at 12 feet, east wall at 11.5 feet, south wall at 10 feet, and excavation center bottom at 15 feet bgs. Sample IDs are respectively, WW1-11', NW1-12', EW1-11.5', SW1-10', and EB1-15'.

Eleven (11) confirmation soil samples were collected from excavation E2; two (2) from the west wall at depths of 6.5 and 9.5 feet bgs; three (3) from the north wall at a depth of 9.5 feet bgs, one (1) from the east wall at 9 feet bgs, three (3) from the south wall at depths of 9 and 9.5 feet, and three (3) along the middle of the excavation bottom at 11.5. Sample IDs are respectively, WW2-6.5', WW2-9.5', NWW2-9.5', CNW2-9.5', NEW2-9.5', EW2-9', SEW2-9', CSW2-9.5', SWW2-9.5', WB2-11.5', CB2-11.5', and EB2-11.5'.

Five (5) confirmation soil samples were collected from excavation E3; one (1) from the each sidewall wall at a depth of 10 or 10.5 feet and one (1) from the center of the excavation bottom at 12.5 feet. Sample IDs are respectively, NWW3-10', NEW3-10.5, SEW3-10', SWW3-10', and CB3-12.5'.

All soil samples were collected using an AMS soil sampling kit with slide hammer. Samples were collected in six (6) inch long, two (2) inch diameter stainless-steel sleeves which were sealed with Teflon tape and plastic caps. The samples were entered on a Chain of Custody and immediately placed into a cooler with ice. The cooler and samples were transported to McCampbell Analytical, Inc. (State Certification #1644) of Pittsburg, CA for analysis. The soil samples were analyzed for (TPH-g), (TPH-mo), MTBE, and BTEX by EPA Method 8015 and 8021.

SOIL SAMPLE ANALYTICAL RESULTS

Copies of the laboratory analytical reports for confirmation samples collected from the excavations are included in Appendix D. A comparison of the analytical results and the Target Soil Concentrations is presented in Table 1.

The goals of the excavation work were met, as the bottom confirmation samples in each were below the target concentrations. No significant petroleum impact was identified at the lateral extents of E1 or the east, south and north walls of E2, however residual impacts were detected in confirmation samples from the northwest wall of E2 and in all four sidewalls of E3.

SUMMARY

On October 22 to 29, 2012 source removal and backfilling activities were conducted at 1630 Park Street, Alameda, CA. A total of 26 loads totaling 447.52 tons of hydrocarbon impacted soil were removed from the three excavation areas. The soil was directly loaded onto trucks and transported to one of two locations, Recology's Hay Road non-hazardous waste facility in Vacaville, California, or Clean Harbors Buttonwillow hazardous waste facility in Buttonwillow, California. On October 23, 2012, Excel Environmental Services Inc. removed 925 gallons of rainwater from the excavations. The water was transported by Excel Environmental services under non-RCRA hazardous manifest to Riverbank Oil Transfer in Riverbank, California for disposal.

Confirmation soil samples were collected from each excavation sidewalls and excavation bottom, as requested by the ACEH and as described in the work plan.

The excavations were backfilled daily to approximately 6 feet bgs using ¾ drain rock. Backfilling was completed on October 24 and 25, 2012, using ¾ base rock to a depth of 4 feet bgs. Compaction testing of the final lift indicated that 98% compaction was achieved.

REPORT LIMITATIONS AND SIGNATURES

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

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

Sincerely,
AEI Consultants

Andrew Wallace
Construction Project Manager

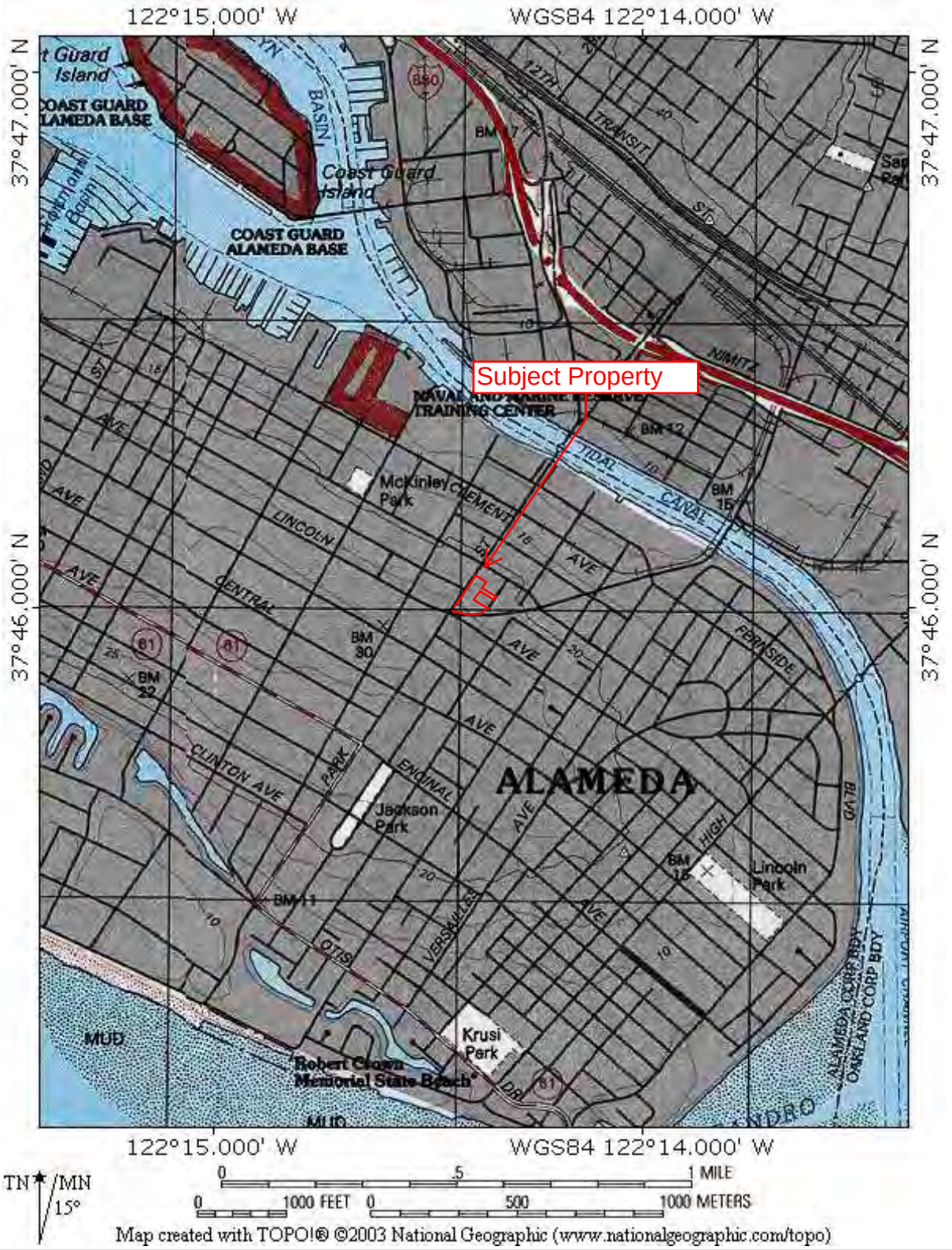
Dusty Roy
Director, Construction

Robert Robitaille
Senior Project Manager

Report Distribution:

John Buestad, Foley Street Investments, LLC
Peter J. McIntyre, PG, Sr. Vice President, AEI Consultants
GeoTracker
Alameda County FTP website

FIGURES



SITE LOCATION MAP

1600-1650 Park Street

Alameda, California 94501

N

FIGURE 1

Source: USGS

Project Number: 298931

AEI Consultants

GP18
GP14
GP19
GP13
GP20
GP12
BUILDING
MW-5
DRIVEWAY
GP11
Light Pole and Concrete Footer
MW-4
EB5
DRIVEWAY
AEI-20
DPE-9
GP5
GP10
DPE-10
GP6
FENCE
PARK ST.
MW-3
EB8
MW-2
EB9
GP4
GP24
DPE-11
DPE-8
GP9
GP8
AEI-28
DPE-1
MW-1
EB10
EB6
EB4
EB11
GP1
DPE-4
GP7
EB12
DRIVEWAY
AEI-21
AEI-22
GP23
AS-1
DPE-3
Former UST Hold
DPE-2
EB3
EB2
EB1
DPE-7
EB7
AEI-27
AEI-4
GP3
AEI-23
GP21
CONCRETE
DPE-5
DPE-6
GP2
AEI-6
GP22
AEI-3
AEI-11
AEI-7
AEI-25
AEI-8
AEI-24
AEI-26
AEI-12
N
W
E
S
BUILDING
0 10 20
Scale: 1" = 20'
AEI-5
AEI-13
AEI-1

LEGEND

- Remediation Well (12/11 and 1/12)
- AEI Soil Boring (1/12)
- Vapor Probe (12/11)
- AEI Soil Boring (7/11)
- Soil Boring (4/08)
- Soil Boring (1/97)
- Groundwater Monitoring Well
- Air Sparge Well
- Existing Hydraulic Lift
- Former Hydraulic Lift

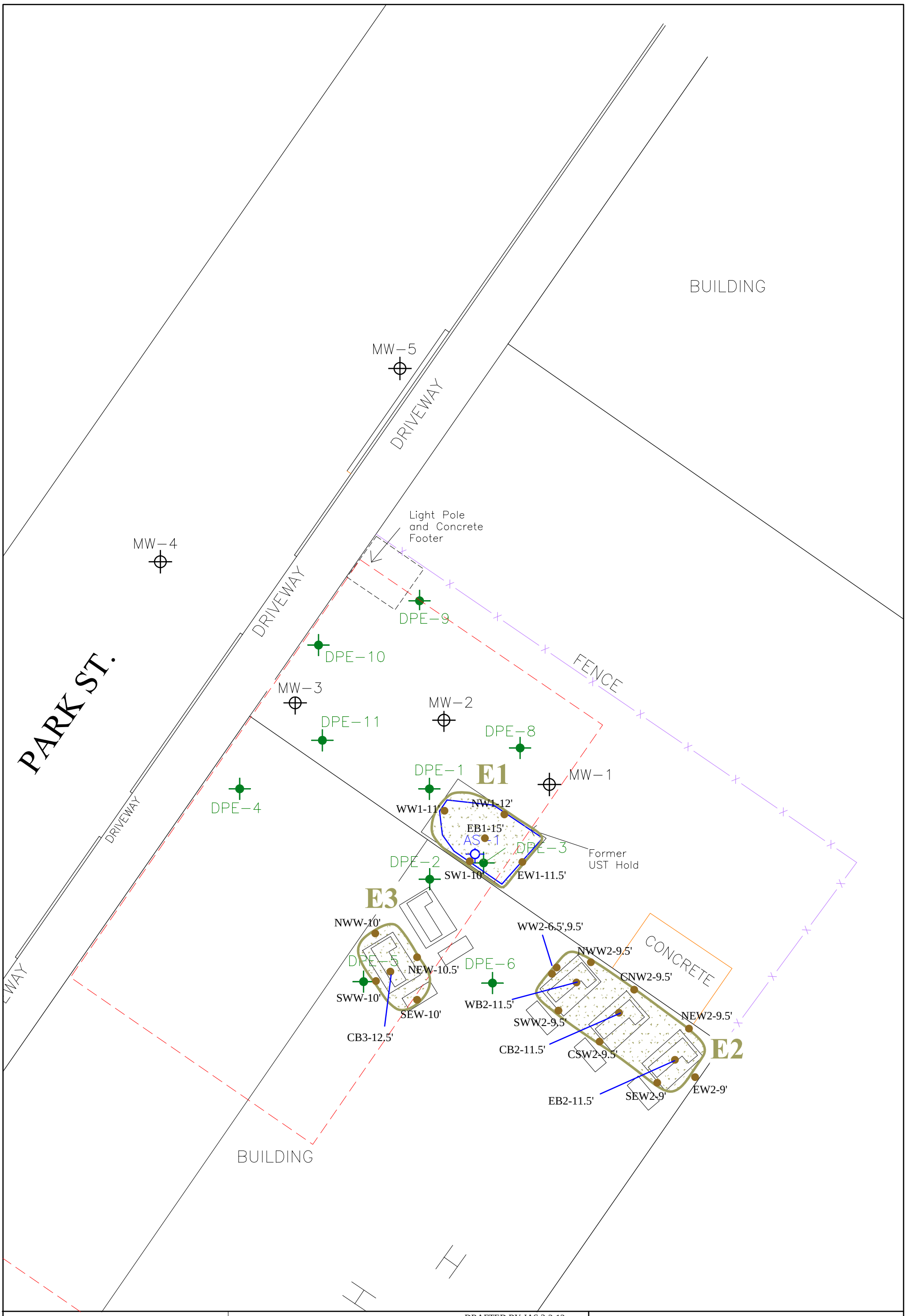
DRAFTED BY JAS 3-2-12
REVISED BY STL 10-17-12

AEI CONSULTANTS
2500 CAMINO DIABLO, WALNUT CREEK

SITE PLAN

1630 PARK STREET
ALAMEDA, CALIFORNIA

FIGURE 2
PROJECT NO. 298931



N

W E

S

0 10 20

Scale: 1" = 20'

LEGEND

DRAFTED BY JAS 3-2-12
REVISED BY STL 11-12-12

- Remediation Well (12/11 and 1/12)
- Soil Sample Location (10/12)
- Groundwater Monitoring Well
- Proposed Building Extents
- Former Hydraulic Lift
- Excavation Extents

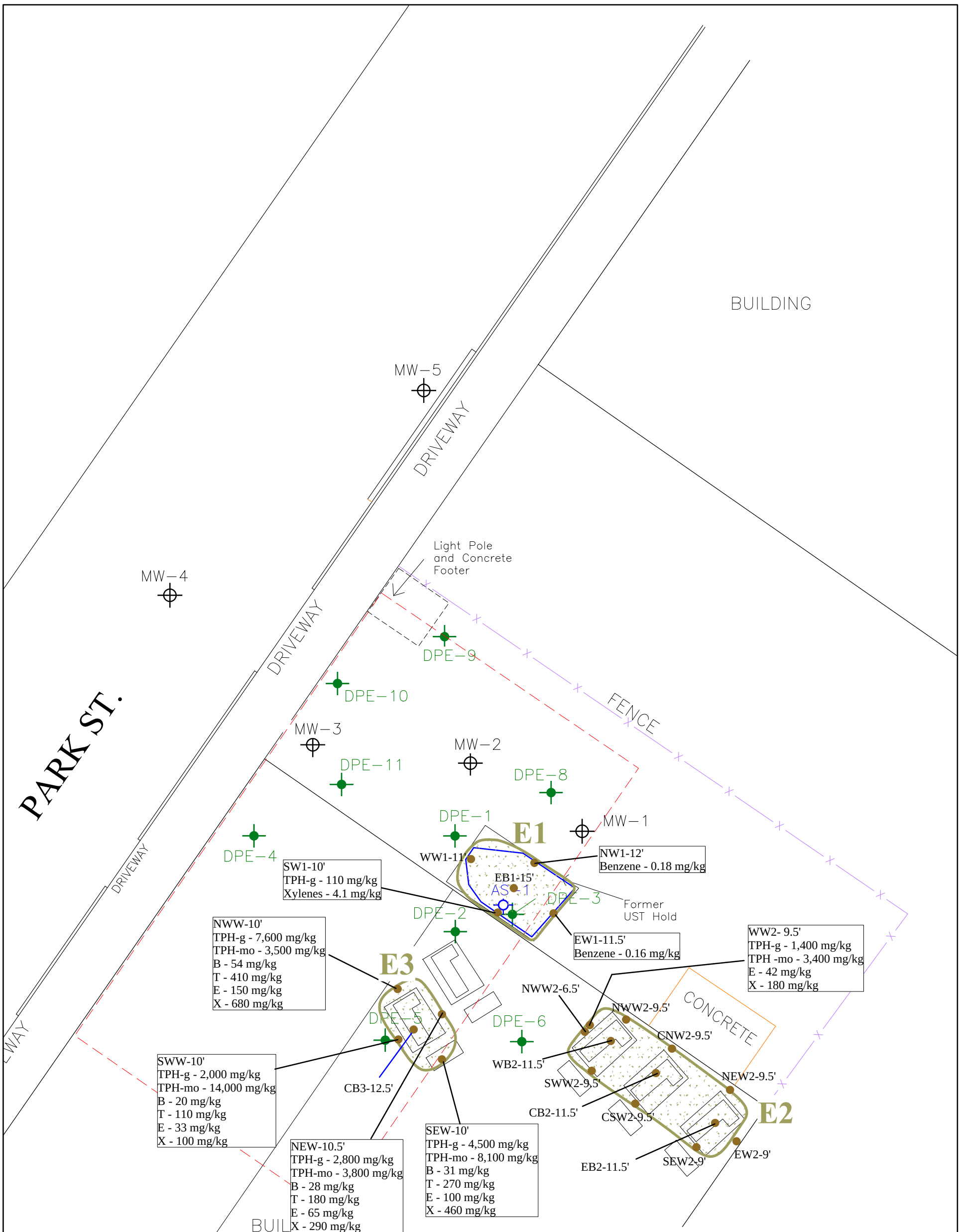
AEI CONSULTANTS

2500 CAMINO DIABLO, WALNUT CREEK

EXCAVATION MAP

1630 PARK STREET
ALAMEDA, CALIFORNIA

FIGURE 3
PROJECT NO. 298931



DRAFTED BY JAS 3-2-12
REVISED BY STL 11-12-12

AEI CONSULTANTS

2500 CAMINO DIABLO, WALNUT CREEK

Excavation Analytical Data
October 2012

1630 PARK STREET
ALAMEDA, CALIFORNIA

FIGURE 4
PROJECT NO. 298931

TABLES

Table 1
Soil Sample Analytical Data Summary
TPH and MBTEX
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	Approx. Depth (feet)	TPH-g (mg/kg)	TPH-mo (mg/kg)	MTBE (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)
			EPA Method SW8021B/8015B/m						
E1 Excavation									
EB1-15'	10/22/2012	15	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005
SW1-10'	10/22/2012	10	**110** d2	15 e4,e2	<1.0	<0.10	<0.10	<0.10	**4.1**
WW1-11'	10/22/2012	11	7.1 d2	<5.0	<0.05	0.0084	<0.005	0.013	0.17
EW1-11.5'	10/22/2012	11.5	4.0 d1	<5.0	<0.05	**0.16**	0.22	0.21	0.71
NW1-12'	10/22/2012	12	8.6 d1	<5.0	<0.05	**0.18**	0.40	0.35	1.5
E2 Excavation									
SEW2-9'	10/23/2012	9'	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005
EB2-11.5'	10/23/2012	11.5'	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005
EW2-9.5'	10/23/2012	9.5'	<1.0	23 e7,e2	<0.05	<0.005	<0.005	<0.005	<0.005
NEW2-9.5'	10/23/2012	9.5'	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005
CB2-11.5'	10/23/2012	11.5'	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005
CSW2-9.5'	10/23/2012	9.5'	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005
WB2-11.5'	10/23/2012	11.5'	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005
SWW2-9.5'	10/23/2012	9.5'	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005
WW2-9.5'	10/23/2012	9.5'	**1,400** d2,d9	**3,400** e7,e2,e4	<5.0	<0.50	<0.50	**42**	**180**
WW2-6.5'	10/23/2012	6.5'	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005
NWW2-9.5'	10/23/2012	9.5'	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005
CNW2-9.5'	10/23/2012	9.5'	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005
E3 Excavation									
CB3-12.5'	10/29/2012	12.5'	<1.0	<5.0 e2	<0.05	<0.005	<0.005	<0.005	<0.005
SEW-10'	10/29/2012	10'	**4,500** d1	**8,100** e7,e2,e4	<25	**31**	**270**	**100**	**460**
NWW-10'	10/29/2012	10'	**7,600** d1	**3,500** e7,e2,e4	<50	**54**	**410**	**150**	**680**
NEW-10.5'	10/29/2012	10.5'	**2,800** d1	**3,800** e7,e2,e4	<5.0	**28**	**180**	**65**	**290**
SWW-10'	10/29/2012	10'	**2,000** d1	**14,000** e7,e2,e4	<5.0	**20**	**110**	**33**	**100**
***Target Soil Concentrations**			83	2,500		0.044	2.9	2.3	2.3

Notes:
mg/kg = milligrams per kilogram (equivalent to parts per million)
TPH-g = Total petroleum hydrocarbons as gasoline
TPH-mo = Total petroleum hydrocarbons as motor oil (with silica gel clean-up)
MTBE = Methyl tert-butyl ether
<5.0 = Analyte not detected above the laboratory reporting limit shown

d1 = weakly modified or unmodified gasoline is significant
d2 = heavier gasoline range compounds are significant (aged gasoline)
d9 = no recognizable pattern
e2 = diesel range compounds are significant, no recognizable pattern
e4 = gasoline range compounds are significant
e7 = oil range compounds are significant

*Target Soil Concentrations from the Revised Data Gap Investigation and Interim Source Removal Workplan Addendum (September 7, 2012)

APPENDIX A

Transport and Disposal Documents

WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH546095B

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # ***CAC002678125*** GENERATOR NAME: ***Foley Street Investments***

GENERATOR CODE (Assigned by Clean Harbors) ***FO2395*** CITY ***Alameda*** STATE/PROVINCE ***CA*** ZIP/POSTAL CODE ***94501***

ADDRESS ***1630 Park Street***

PHONE: **(510) 523-1925 x 201**

CUSTOMER CODE (Assigned by Clean Harbors) ***BR2681*** CUSTOMER NAME: ***Bradley Tanks Inc***

ADDRESS ***525 Green Street*** CITY ***Martinez*** STATE/PROVINCE ***CA*** ZIP/POSTAL CODE ***94553***

B. WASTE DESCRIPTION

WASTE DESCRIPTION: ***Non RCRA impacted Soil***

PROCESS GENERATING WASTE: **Site Cleanup-TPH soil from used oil, lead contaminated**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER ? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE
- [x] SOLID WITHOUT FREE LIQUID
- [ ] POWDER
- [ ] MONOLITHIC SOLID
- [ ] LIQUID WITH NO SOLIDS
- [ ] LIQUID/SOLID MIXTURE
  - % FREE LIQUID
  - % SETTLED SOLID
  - % TOTAL SUSPENDED SOLID
- [ ] SLUDGE
- [ ] GAS/AEROSOL

NUMBER OF PHASES/LAYERS

1 2 3 % BY VOLUME (Approx.)

TOP ***0.00***
MIDDLE ***0.00***
BOTTOM ***0.00***

VISCOSITY (If liquid present)
- 1 - 100 (e.g. Water)
- 101 - 500 (e.g. Motor Oil)
- 501 - 10,000 (e.g. Molasses)
- > 10,000

COLOR

Brown

ODOR
- [x] NONE
- [ ] MILD
- [ ] STRONG

Describe:

BOILING POINT °F (°C)
- <= 95 (<=35)
- 95 - 100 (35-38)
- 101 - 129 (38-54)
- >= 130 (>54)

MELTING POINT °F (°C)
- < 140 (<60)
- 140-200 (60-93)
- [x] > 200 (>93)

TOTAL ORGANIC CARBON
- [x] <= 1%
- 1-9%
- >= 10%

FLASH POINT °F (°C)
- < 73 (<23)
- 73 - 100 (23-38)
- 101 -140 (38-60)
- 141 -200 (60-93)
- > 200 (>93)

pH
- <= 2
- 2.1 - 6.9
- 7 (Neutral)
- [x] 7.1 - 12.4
- >= 12.5

SPECIFIC GRAVITY
- < 0.8 (e.g. Gasoline)
- 0.8-1.0 (e.g. Ethanol)
- [x] 1.0 (e.g. Water)
- 1.0-1.2 (e.g. Antifreeze)
- > 1.2 (e.g. Methylene Chloride)

ASH
- < 0.1
- 0.1 - 1.0
- 1.1 - 5.0
- 5.1 - 20.0
- > 20
- [x] Unknown

BTU/LB (MJ/kg)
- [x] < 2,000 (<4.6)
- 2,000-5,000 (4.6-11.6)
- 5,000-10,000 (11.6-23.2)
- > 10,000 (>23.2)

Actual:

D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	--	MAX	UOM
HYDROCARBONS	0.0000000	--	370.0000000	PPM
LEAD	0.0000000	--	130.0000000	PPM
PLASTIC SHEETING	1.0000000	--	2.0000000	%
SOIL	98.0000000	--	100.0000000	%

DOES THIS WASTE CONTAIN ANY HEAVY GAUGE METAL DEBRIS OR OTHER LARGE OBJECTS (EX., METAL PLATE OR PIPING >1/4" THICK OR >12" LONG, METAL REINFORCED HOSE >12" LONG, METAL WIRE >12" LONG, METAL VALVES, PIPE FITTINGS, CONCRETE REINFORCING BAR OR PIECES OF CONCRETE >3")? YES [x] NO

If yes, describe, including dimensions:

DOES THIS WASTE CONTAIN ANY METALS IN POWDERED OR OTHER FINELY DIVIDED FORM? YES [x] NO

DOES THIS WASTE CONTAIN OR HAS IT CONTACTED ANY OF THE FOLLOWING; ANIMAL WASTES, HUMAN BLOOD, BLOOD PRODUCTS, BODY FLUIDS, MICROBIOLOGICAL WASTE, PATHOLOGICAL WASTE, HUMAN OR ANIMAL DERIVED SERUMS OR PROTEINS OR ANY OTHER POTENTIALLY INFECTIOUS MATERIAL? YES [x] NO

I acknowledge that this waste material is neither infectious nor does it contain any organism known to be a threat to human health. This certification is based on my knowledge of the material. Select the answer below that applies:

The waste was never exposed to potentially infectious material. YES NO

Chemical disinfection or some other form of sterilization has been applied to the waste. YES NO

I ACKNOWLEDGE THAT THIS PROFILE MEETS THE CLEAN HARBORS BATTERY PACKAGING REQUIREMENTS. YES NO

I ACKNOWLEDGE THAT MY FRIABLE ASBESTOS WASTE IS DOUBLE BAGGED AND WETTED. YES NO

SPECIFY THE SOURCE CODE ASSOCIATED WITH THE WASTE. ***G39*** SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. ***W301***

E. CONSTITUENTS

Are these values based on testing or knowledge? Knowledge ☑ Testing

If constituent concentrations are based on analytical testing, analysis must be provided. Please attach document(s) using the link on the Submit tab.

Please indicate which constituents below apply. Concentrations must be entered when applicable to assist in accurate review and expedited approval of your waste profile. Please note that the total regulated metals and other constituents sections require answers.

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL	UOM	NOT APPLICABLE
D004	ARSENIC	5.0				☑
D005	BARIUM	100.0				☑
D006	CADMIUM	1.0				☑
D007	CHROMIUM	5.0				☑
D008	LEAD	5.0	*0.2000*	*130.0000000*	*PPM*	
D009	MERCURY	0.2				☑
D010	SELENIUM	1.0				☑
D011	SILVER	5.0				☑

	VOLATILE COMPOUNDS	
D018	BENZENE	0.5
D019	CARBON TETRACHLORIDE	0.5
D021	CHLOROBENZENE	100.0
D022	CHLOROFORM	6.0
D028	1,2-DICHLOROETHANE	0.5
D029	1,1-DICHLOROETHYLENE	0.7
D035	METHYL ETHYL KETONE	200.0
D039	TETRACHLOROETHYLENE	0.7
D040	TRICHLOROETHYLENE	0.5
D043	VINYL CHLORIDE	0.2
	SEMI-VOLATILE COMPOUNDS	
D023	o-CRESOL	200.0
D024	m-CRESOL	200.0
D025	p-CRESOL	200.0
D026	CRESOL (TOTAL)	200.0
D027	1,4-DICHLOROBENZENE	7.5
D030	2,4-DINITROTOLUENE	0.13
D032	HEXACHLOROBENZENE	0.13
D033	HEXACHLOROBUTADIENE	0.5
D034	HEXACHLOROETHANE	3.0
D036	NITROBENZENE	2.0
D037	PENTACHLOROPHENOL	100.0
D038	PYRIDINE	5.0
D041	2,4,5-TRICHLOROPHENOL	400.0
D042	2,4,6-TRICHLOROPHENOL	2.0
	PESTICIDES AND HERBICIDES	
D012	ENDRIN	0.02
D013	LINDANE	0.4
D014	METHOXYCHLOR	10.0
D015	TOXAPHENE	0.5
D016	2,4-D	10.0
D017	2,4,5-TP (SILVEX)	1.0
D020	CHLORDANE	0.03
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008

OTHER CONSTITUENTS	MAX	UOM	NOT APPLICABLE
BROMINE			☑
CHLORINE			☑
FLUORINE			☑
IODINE			☑
SULFUR			☑
POTASSIUM			☑
SODIUM			☑
AMMONIA			☑
CYANIDE AMENABLE			☑
CYANIDE REACTIVE			☑
CYANIDE TOTAL			☑
SULFIDE REACTIVE			☑

HOCs

☑ NONE
< 1000 PPM
>= 1000 PPM

PCBs

☑ NONE
< 50 PPM
>=50 PPM

IF PCBS ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?

YES ☑ NO

ADDITIONAL HAZARDS

DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED?

YES ☑ NO (If yes, explain)

CHOOSE ALL THAT APPLY

DEA REGULATED SUBSTANCE	EXPLOSIVE	FUMING	OSHA REGULATED CARCINOGENS
POLYMERIZABLE	RADIOACTIVE	REACTIVE MATERIAL	☑ NONE OF THE ABOVE

F. REGULATORY STATUS

YES ☑ NO USEPA HAZARDOUS WASTE?

☑ YES NO DO ANY STATE WASTE CODES APPLY?

611

Texas Waste Code

YES ☑ NO DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?

YES ☑ NO IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?

LDR CATEGORY: *Not subject to LDR*
VARIANCE INFO:

YES ☑ NO IS THIS A UNIVERSAL WASTE?

YES ☑ NO IS THE GENERATOR OF THE WASTE CLASSIFIED AS CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR (CESQG)?

YES NO IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?

YES ☑ NO DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?

YES NO IS THIS WASTE STREAM SUBJECT TO THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?

YES ☑ NO DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS >=500 PPM?

YES NO DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >= .3KPA (.044 PSIA)?

YES ☑ NO DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 77 KPA (11.2 PSIA)?

YES ☑ NO IS THIS CERCLA REGULATED (SUPERFUND) WASTE ?

YES ☑ NO IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?

Hazardous Organic NESHAP (HON) rule (subpart G) Pharmaceuticals production (subpart GGG)

YES NO IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?

YES NO Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?

YES NO Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) >10 Mg/year?

What is the TAB quantity for your facility? _____ Megagram/year (1 Mg = 2,200 lbs)

The basis for this determination is: Knowledge of the Waste Or Test Data Knowledge Testing

Describe the knowledge :

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

NONE, NON RCRA HAZARDOUS WASTE SOLIDS, (LEAD), N/A

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ☑ ONE TIME WEEKLY MONTHLY QUARTERLY YEARLY OTHER

CONTAINERIZED

0-0 CONTAINERS/SHIPMENT

STORAGE CAPACITY:
CONTAINER TYPE:
CUBIC YARD BOX PALLET
TOTE TANK DRUM
OTHER: DRUM SIZE:

BULK LIQUID

GALLONS/SHIPMENT: *0 Min -0 Max* GAL.

☑ **BULK SOLID**

SHIPMENT UOM: ☑ TON YARD

TONS/YARDS/SHIPMENT: *10.00 Min - 25.00 Max*

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste. If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE	NAME (PRINT)	TITLE	DATE
Joseph	Joseph Fermanian	Project Manager	1/18/2012

REPUBLIC SERVICES

SPECIAL WASTE PROFILE

Requested Disposal Facility: 4212 Keller Canyon LF CA

Waste Profile #
Sales Rep #.

Saveable fill in form. Restricted printing until all required (yellow) fields are completed.

I. Generator Information

Generator Name: Foley Street Investments, LLC (Temp EPA ID: CAC002678125)			
Generator Site Address: 1630 Park Street			
City: Alameda	County: Alameda	State: California	Zip: 94501
State ID/Reg No:	State Approval/Waste Code: (if applicable)		NAICS # :
Generator Mailing Address (if different): 2355 Clement Ave			
City: Alameda	County: Alameda	State: California	Zip: 94501
Generator Contact Name: John Buestad		Email: john@buestad.com	
Phone Number: (510) 523-1925	Ext: 201	Fax Number: (510) 523-2085	

IIa. Transporter Information

Transporter Name: AEI Consultants		Contact Name: Joseph Fermanian	
Transporter Address: 2500 Camino Diablo			
City: Walnut Creek	County: Contra Costa	State: CA	Zip: 94597
Phone Number: 746-6023	Fax Number: (925) 746-6099	State Transportation Number:	

IIb. Billing Information

Bill To: AEI Consultants		Contact Name: Joseph Fermanian	
Billing Address: 2500 Camino Diablo		Email: jfermanian@aeiconsultants.com	
City: Walnut Creek	State: CA	Zip: 94597	Phone: (925) 746-6023

III. Waste Stream Information

Name of Waste: Hydrocarbon contaminated soil

Process Generating Waste:

Removal of 500 gallon waste oil underground storage tank.

Physical State: ☑ SOLID ☐ SEMI-SOLID ☐ POWDER ☐ LIQUID

Method of Shipment: ☐ BULK ☐ DRUM ☐ BAGGED ☑ OTHER: end dump

Estimated Annual Volume: 50 Tons

Frequency: ☑ ONE TIME ☐ ANNUAL

Disposal Consideration: ☑ LANDFILL ☐ SOLIDIFICATION ☐ BIOREMEDIATION

IV. Representative Sample Certification

☐ NO SAMPLE TAKEN

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?	☑ YES or ☐ NO
Sample Date: 11/22/2011	Type of Sample: ☑ COMPOSITE SAMPLE ☐ GRAB SAMPLE
Sample ID Numbers: STKP2(A/B/C/D)	

REPUBLIC SERVICES

SPECIAL WASTE PROFILE (continued)

Waste Profile #

V. Physical Characteristics of Waste

Characteristic Components	% by Weight (range)
1. Soil	100.000
2.	
3.	
4.	
5.	

Color	Odor (describe)	Does Waste Contain Free Liquids?	% Solids	pH:	Flash Point
brown	petroleum hydrocarbon	☐ Yes or ☑ No	100.00	-	- °F

Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) Including Chain of Custody and Required Parameters Provided for this Profile

Does this waste or generating process contain regulated concentrations of the following Pesticides and/or Herbicides: Chlordane, Endrin, Heptachlor (and it epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?	☐ Yes or ☑ No
Does this waste contain reactive sulfides (greater than 500 ppm) or reactive cyanide (greater than 250 ppm) [reference 40 CFR 261.23(a)(5)]?	☐ Yes or ☑ No
Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?	☐ Yes or ☑ No
Does this waste contain concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?	☐ Yes or ☑ No
Does this waste exhibit a Hazardous Characteristic as defined by Federal and/or State regulations?	☐ Yes or ☑ No
Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCCD), or any other dioxin as defined in 40 CFR 261.31?	☐ Yes or ☑ No
Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?	☐ Yes or ☑ No
Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?	☐ Yes or ☑ No
Is this waste a reactive or heat generating waste?	☐ Yes or ☑ No
Does the waste contain sulfur or sulfur by-products?	☐ Yes or ☑ No
Is this waste generated at a Federal Superfund Clean Up Site?	☐ Yes or ☑ No
Is this waste from a TSD facility, TSD-like facility or waste consolidator?	☐ Yes or ☑ No

VI. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. All Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste.

I further certify that by utilizing this profile, neither I nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue.

I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services Inc.

Joseph Fermanian, Project Manager	AEI Consultants
Authorized Representative Name/Title (Type or Print)	Company Name
Authorized Representative Signature	12/19/2011
	Date

McCampbell Analytical, Inc.
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1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

AEI Consultants	Client Project ID: #298931; Good Chevrolet	Date Sampled: 11/22/11
		Date Received: 11/22/11
2500 Camino Diablo, Ste. #200	Client Contact: Joseph Fermanian	Date Reported: 11/29/11
Walnut Creek, CA 94597	Client P.O.:	Date Completed: 11/29/11

WorkOrder: 1111767

November 29, 2011

Dear Joseph:

Enclosed within are:

1) The results of the **11** analyzed samples from your project: **#298931; Good Chevrolet,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

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

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

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

1111707

McCAMPBELL ANALYTICAL, INC.

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

CHAIN OF CUSTODY RECORD

RUSH 72 hr 11-25 +1

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

GeoTracker EDF ☐ PDF ☒ Excel ☐ Write On (DW) ☐

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

Report To: Joe Fermanian Bill To: Sara Guerin

Company: AEI Consultants
2500 Camino Diablo
Walnut Creek, CA

E-Mail: jfermanian@aeiconsultants.com

Tele: (925) 746-6023 Fax: (925) 746-6099

Project #: 298931 Project Name: Good Chevrolet

Project Location: 1630 Park St, Alameda CA

Sampler Signature: Joseph Fermanian

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	BTEX & TPH as Gas (602 / 8021 + 8015) / MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Filter sample for DISSOLVED metals analysis
STKP1 (A/B/C/D)	gas stkp	11/22	1100	4			X				X				X					X					X				X			
STKP2 (A/B/C/D)	WO stkp		1115	4												X	X								X				X			
D1	Dis 1035'		1130	1											X					X					X				X			
D2	Dis 2035'		1145	1											X					X					X				X			
WO-9'	WO 09'		1205	1												X	X							X					X			
~~HLD~~ WO-11'	WO 11'		1230	1												X	X							X					X			
Btm1	10'/13' bgs		115	1											X					X									X			
Btm2	10'/13' bgs		125	1											X					X									X			
Btm3	4'/11' bgs		145	1											X					X									X			
Btm4	4'/11' bgs		150	1			X								X					X									X			
GW-1		11/22	200	5		X					X				X					X									X	X		

Other: Comments

**Indicate here if these samples are potentially dangerous to handle:

OFF 11/22/11

~~HOLD~~

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

Relinquished By:	Date:	Time:	Received By:
Patrick Hulke	11-22	5:25	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 2.4
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS
PRESERVED IN LAB

VOAS O&G METALS OTHER
PRESERVATION pH<2

COMMENTS:
+ Micro extraction ok'd Freyd JF

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1111767 **ClientCode: AEL**

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

Report to:
Joseph Fermanian
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
(408) 559-7600 FAX: (408) 559-7601

Email: jfermanian@aeiconsultants.com
cc:
PO:
ProjectNo: #298931; Good Chevrolet

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

Requested TAT: 3 days

Date Received: **11/22/2011**
Date Printed: **11/23/2011**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1111767-001	STKP1(A/B/C/D)	Soil	11/22/2011 11:00	☐			A			A						
1111767-002	STKP2(A/B/C/D)	Soil	11/22/2011 11:15	☐	A	A	A			A						
1111767-003	D1	Soil	11/22/2011 11:30	☐			A			A						
1111767-004	D2	Soil	11/22/2011 11:45	☐			A			A						
1111767-005	WO-9'	Soil	11/22/2011 12:15	☐	A	A	A			A						
1111767-006	WO-11'	Soil	11/22/2011 12:30	☐	A	A	A			A						
1111767-007	Btm1	Soil	11/22/2011 13:15	☐			A			A						
1111767-008	Btm2	Soil	11/22/2011 13:25	☐			A			A						
1111767-009	Btm3	Soil	11/22/2011 13:45	☐			A			A						
1111767-010	Btm4	Soil	11/22/2011 13:50	☐			A			A						
1111767-011	GW-1	Water	11/22/2011 14:00	☐				A	B		B					

Test Legend:

1	5520E_SG_S	2	8260B_S	3	G-MBTEX_S	4	G-MBTEX_W	5	LUFTMS_DISS
6	LUFTMS_S	7	PRDISSOLVED	8		9		10	
11		12							

The following SampIDs: 002A, 005A, 006A contain testgroup.

Prepared by: Ana Venegas

Comments: Changed to 72hr TAT per JF on 11/23/due Tues, 11/29

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

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name: **AEI Consultants**

Date and Time Received: **11/22/2011 7:50:21 PM**

Project Name: **#298931; Good Chevrolet**

Checklist completed and reviewed by: Ana Venegas

WorkOrder N°: **1111767** 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: 2.8°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

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

Client contacted: Date contacted: Contacted by:

Comments:

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http://www.mccampbell.com / E-mail: main@mccampbell.com

AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: #298931; Good Chevrolet	Date Sampled: 11/22/11
		Date Received: 11/22/11
	Client Contact: Joseph Fermanian	Date Extracted 11/22/11
	Client P.O.:	Date Analyzed 11/28/11

Petroleum Oil & Grease with Silica Gel Clean-Up*

Extraction method: SM5520E/F Analytical methods: SM5520E/F Work Order: 1111767

Lab ID	Client ID	Matrix	POG	DF	% SS	Comments
1111767-002A	STKP2(A/B/C/D)	S	370	1	N/A	
1111767-005A	WO-9'	S	460	1	N/A	
1111767-006A	WO-11'	S	ND	1	N/A	

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

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

DF = dilution factor (may be raised to dilute target analyte or matrix interference).
%SS = Percent Recovery of Surrogate Standard
surrogate diluted out of range or not applicable to this sample.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

AEI Consultants	Client Project ID: #298931; Good Chevrolet	Date Sampled: 11/22/11
		Date Received: 11/22/11
2500 Camino Diablo, Ste. #200	Client Contact: Joseph Fermanian	Date Extracted: 11/22/11
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed: 11/24/11

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1111767

Lab ID	1111767-002A
Client ID	STKP2(A/B/C/D)
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	0.016	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	0.0056	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	0.0051	1.0	0.005

Surrogate Recoveries (%)			
%SS1:	90	%SS2:	97
%SS3:	96		

Comments:

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

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

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

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AEI Consultants	Client Project ID: #298931; Good Chevrolet	Date Sampled: 11/22/11
		Date Received: 11/22/11
2500 Camino Diablo, Ste. #200	Client Contact: Joseph Fermanian	Date Extracted: 11/22/11
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed: 11/24/11

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1111767

Lab ID	1111767-005A
Client ID	WO-9'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	0.0085	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	0.0071	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	0.012	1.0	0.005

Surrogate Recoveries (%)			
%SS1:	89	%SS2:	97
%SS3:	94		

Comments:

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

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

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

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AEI Consultants	Client Project ID: #298931; Good Chevrolet	Date Sampled: 11/22/11
		Date Received: 11/22/11
2500 Camino Diablo, Ste. #200	Client Contact: Joseph Fermanian	Date Extracted: 11/22/11
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed: 11/24/11

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1111767

Lab ID	1111767-006A
Client ID	WO-11'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	90	%SS2:	97
%SS3:	95		

Comments:

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

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

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

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AEI Consultants	Client Project ID: #298931; Good Chevrolet	Date Sampled: 11/22/11
		Date Received: 11/22/11
2500 Camino Diablo, Ste. #200	Client Contact: Joseph Fermanian	Date Extracted: 11/22/11-11/29/11
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed: 11/23/11-11/29/11

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

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 1111767

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
001A	STKP1(A/B/C/D)	S	ND	ND	ND	ND	ND	ND	1	116	
002A	STKP2(A/B/C/D)	S	ND	---	---	---	---	---	1	113	
003A	D1	S	ND	ND	ND	ND	ND	ND	1	105	
004A	D2	S	ND	ND	ND	ND	ND	ND	1	103	
005A	WO-9'	S	6.3	---	---	---	---	---	1	102	d7
006A	WO-11'	S	ND	---	---	---	---	---	1	106	
007A	Btm1	S	ND	ND	ND	ND	ND	ND	1	108	
008A	Btm2	S	ND	ND	ND	ND	ND	ND	1	105	
009A	Btm3	S	ND	ND	ND	ND	ND	ND	1	109	
010A	Btm4	S	ND	ND	ND	ND	ND	ND	1	107	
011A	GW-1	W	2400	ND	18	180	42	310	1	105	d1,b1

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

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

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

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
b1) aqueous sample that contains greater than ~1 vol. % sediment
d1) weakly modified or unmodified gasoline is significant
d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram

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AEI Consultants	Client Project ID: #298931; Good Chevrolet	Date Sampled: 11/22/11
		Date Received: 11/22/11
2500 Camino Diablo, Ste. #200	Client Contact: Joseph Fermanian	Date Extracted: 11/22/11
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed: 11/28/11

LUFT 5 Metals*

Extraction method: SW3050B | Analytical methods: SW6010B | Work Order: 1111767

Lab ID	Client ID	Matrix	Extraction Type	Cadmium	Chromium	Lead	Nickel	Zinc	DF	% SS	Comments
001A	STKP1(A/B/C/D)	S	TOTAL	ND	53	34	36	54	1	118	
002A	STKP2(A/B/C/D)	S	TOTAL	ND	41	130	23	110	1	112	
003A	D1	S	TOTAL	ND	49	ND	25	19	1	122	
004A	D2	S	TOTAL	ND	53	ND	18	16	1	125	
005A	WO-9'	S	TOTAL	ND	87	13	55	47	1	126	
006A	WO-11'	S	TOTAL	ND	66	ND	47	32	1	118	
007A	Btm1	S	TOTAL	ND	44	13	23	27	1	119	
008A	Btm2	S	TOTAL	ND	49	ND	44	30	1	121	
009A	Btm3	S	TOTAL	ND	57	12	46	35	1	125	
010A	Btm4	S	TOTAL	ND	58	ND	50	33	1	126	

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

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

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

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.

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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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AEI Consultants	Client Project ID: #298931; Good Chevrolet	Date Sampled: 11/22/11
		Date Received: 11/22/11
2500 Camino Diablo, Ste. #200	Client Contact: Joseph Fermanian	Date Extracted: 11/22/11
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed: 11/29/11

LUFT 5 Metals*

Extraction method: E200.8 Analytical methods: E200.8 Work Order: 1111767

Lab ID	Client ID	Matrix	Extraction Type	Cadmium	Chromium	Lead	Nickel	Zinc	DF	% SS	Comments
011B	GW-1	W	DISS.	ND	ND	ND	2.9	83	1	N/A	b1

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

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

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

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.

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

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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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AEI Consultants	Client Project ID: #298931; Good Chevrolet	Date Sampled: 11/22/11
		Date Received: 11/22/11
2500 Camino Diablo, Ste. #200	Client Contact: Joseph Fermanian	Date Extracted 11/22/11
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed 11/23/11-11/28/11

Total Extractable Petroleum Hydrocarbons*

Extraction method: SW3550B Analytical methods: SW8015B Work Order: 1111767

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS	Comments
1111767-002A	STKP2(A/B/C/D)	S	150	10	106	e7,e2
1111767-005A	WO-9'	S	240	10	113	e7,e2,e4/e11
1111767-006A	WO-11'	S	ND	1	114	

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

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

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

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

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
e2) diesel range compounds are significant; no recognizable pattern
e4) gasoline range compounds are significant.; and/or
e4) gasoline range compounds are significant.; and/or e11) stoddard solvent/mineral spirit (?)
e7) oil range compounds are significant

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SM5520E/F

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 62851 | WorkOrder: 1111767

EPA Method: SM5520E/F **Extraction: SM5520E/F** **Spiked Sample ID: 1111563-002A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
POG	ND	2000	91	93.9	3.17	94.2	97.3	3.24	70 - 130	30	70 - 130	30

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

BATCH 62851 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1111767-002A	11/22/11 11:15 AM	11/22/11	11/28/11 1:50 PM	1111767-005A	11/22/11 12:15 PM	11/22/11	11/28/11 1:55 PM
1111767-006A	11/22/11 12:30 PM	11/22/11	11/28/11 2:00 PM				

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

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

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

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

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

DHS ELAP Certification 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 62905 | WorkOrder: 1111767

EPA Method: SW8260B | **Extraction: SW5030B** | **Spiked Sample ID: 1111699-001a**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	83.8	80.3	4.32	77.4	77.8	0.398	70 - 130	30	70 - 130	30
Benzene	ND	0.050	103	97.7	5.10	99.3	100	0.690	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	93.6	93.9	0.325	90.3	82	9.59	70 - 130	30	70 - 130	30
Chlorobenzene	ND	0.050	104	101	3.44	95.2	96.1	0.948	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	95.4	92.9	2.58	87.2	86.8	0.518	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	106	102	3.95	98.5	100	1.60	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	0.050	100	95.5	4.69	106	109	2.51	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	105	101	3.69	101	102	0.707	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	88.6	85.2	3.97	84.6	84.7	0.0994	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	103	98.8	4.07	97.2	97.2	0	70 - 130	30	70 - 130	30
Toluene	ND	0.050	109	104	4.21	103	105	1.70	70 - 130	30	70 - 130	30
Trichloroethene	ND	0.050	105	99.3	5.29	98.6	99.7	1.12	70 - 130	30	70 - 130	30
%SS1:	88	0.12	105	104	0.951	105	105	0	70 - 130	30	70 - 130	30
%SS2:	103	0.12	112	112	0	113	114	0.551	70 - 130	30	70 - 130	30
%SS3:	103	0.012	107	109	2.15	107	106	1.29	70 - 130	30	70 - 130	30

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

BATCH 62905 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1111767-002A	11/22/11 11:15 AM	11/22/11	11/24/11 1:38 AM	1111767-005A	11/22/11 12:15 PM	11/22/11	11/24/11 3:00 AM
1111767-006A	11/22/11 12:30 PM	11/22/11	11/24/11 2:19 AM				

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

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

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

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

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

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

DHS ELAP Certification 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 62957 | WorkOrder: 1111767

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1111714-023A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	118	113	4.30	127	116	9.01	70 - 130	20	70 - 130	20
MTBE	ND	0.10	93.2	89.9	3.57	94.2	92.1	2.35	70 - 130	20	70 - 130	20
Benzene	ND	0.10	114	113	0.797	113	114	1.44	70 - 130	20	70 - 130	20
Toluene	ND	0.10	111	110	0.788	118	112	4.89	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	109	108	1.16	110	111	0.340	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	111	110	1.50	114	114	0	70 - 130	20	70 - 130	20
%SS:	106	0.10	110	109	0.369	112	113	0.600	70 - 130	20	70 - 130	20

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

BATCH 62957 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1111767-001A	11/22/11 11:00 AM	11/22/11	11/29/11 5:06 AM	1111767-002A	11/22/11 11:15 AM	11/22/11	11/24/11 7:21 AM
1111767-003A	11/22/11 11:30 AM	11/22/11	11/24/11 7:51 AM	1111767-004A	11/22/11 11:45 AM	11/22/11	11/24/11 8:21 AM
1111767-005A	11/22/11 12:15 PM	11/22/11	11/23/11 7:04 PM	1111767-006A	11/22/11 12:30 PM	11/22/11	11/23/11 10:57 PM
1111767-007A	11/22/11 1:15 PM	11/22/11	11/23/11 11:55 PM	1111767-008A	11/22/11 1:25 PM	11/22/11	11/24/11 12:24 AM
1111767-009A	11/22/11 1:45 PM	11/22/11	11/24/11 12:52 AM	1111767-010A	11/22/11 1:50 PM	11/22/11	11/24/11 6:41 AM

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 62998 | WorkOrder: 1111767

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1111801-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	112	113	0.936	113	106	5.96	70 - 130	20	70 - 130	20
MTBE	ND	10	113	113	0	107	112	5.17	70 - 130	20	70 - 130	20
Benzene	ND	10	110	114	3.97	116	109	6.12	70 - 130	20	70 - 130	20
Toluene	ND	10	108	111	2.90	114	108	4.89	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	106	111	4.76	112	106	5.47	70 - 130	20	70 - 130	20
Xylenes	ND	30	108	114	5.09	115	108	6.50	70 - 130	20	70 - 130	20
%SS:	107	10	100	101	0.306	106	103	2.14	70 - 130	20	70 - 130	20

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

BATCH 62998 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1111767-011A	11/22/11 2:00 PM	11/26/11	11/26/11 11:17 PM				

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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

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QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil | QC Matrix: Soil | WorkOrder: 1111767

EPA Method: SW6010B | **Extraction: SW3050B** | **BatchID: 62864** | **Spiked Sample ID: 1111767-010A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Cadmium	ND	50	110	113	2.24	10	118	115	2.97	75 - 125	25	75 - 125	25
Chromium	58	50	100	106	2.79	10	121	113	6.88	75 - 125	25	75 - 125	25
Lead	ND	50	119	119	0	10	116	110	5.83	75 - 125	25	75 - 125	25
Nickel	50	50	103	100	1.26	10	115	112	3.09	75 - 125	25	75 - 125	25
Zinc	33	500	115	116	0.616	100	114	115	1.01	75 - 125	25	75 - 125	25
%SS:	126	500	122	123	0.573	500	121	120	0.662	70 - 130	20	70 - 130	20

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

BATCH 62864 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1111767-001A	11/22/11 11:00 AM	11/22/11	11/28/11 6:06 PM	1111767-002A	11/22/11 11:15 AM	11/22/11	11/28/11 6:09 PM
1111767-003A	11/22/11 11:30 AM	11/22/11	11/28/11 6:13 PM	1111767-004A	11/22/11 11:45 AM	11/22/11	11/28/11 6:22 PM
1111767-005A	11/22/11 12:15 PM	11/22/11	11/28/11 6:26 PM	1111767-006A	11/22/11 12:30 PM	11/22/11	11/28/11 6:29 PM
1111767-007A	11/22/11 1:15 PM	11/22/11	11/28/11 6:32 PM	1111767-008A	11/22/11 1:25 PM	11/22/11	11/28/11 6:35 PM
1111767-009A	11/22/11 1:45 PM	11/22/11	11/28/11 6:39 PM	1111767-010A	11/22/11 1:50 PM	11/22/11	11/28/11 6:42 PM

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

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

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

N/A = not applicable to this method.

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

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QC SUMMARY REPORT FOR E200.8

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 62975 | WorkOrder: 1111767

EPA Method: E200.8 | **Extraction: E200.8** | **Spiked Sample ID: 1111683-002A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Cadmium	ND	10	105	107	1.51	102	108	6.00	70 - 130	20	85 - 115	20
Chromium	1.8	10	103	104	0.909	104	111	6.71	70 - 130	20	85 - 115	20
Lead	ND	10	103	104	0.677	98.4	105	6.16	70 - 130	20	85 - 115	20
Nickel	0.93	10	104	103	0.801	100	108	6.83	70 - 130	20	85 - 115	20
Zinc	ND	100	105	106	0.273	102	109	6.61	70 - 130	20	85 - 115	20

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

BATCH 62975 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1111767-011B	11/22/11 2:00 PM	11/22/11	11/29/11 3:00 PM				

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

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

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

N/A = not applicable to this method.

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

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 62876 | WorkOrder: 1111767

EPA Method: SW8015B | **Extraction: SW3550B** | **Spiked Sample ID: 1111602-003A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	10	40	84.9	94.7	8.57	122	122	0	70 - 130	30	70 - 130	30
%SS:	123	25	102	108	6.11	118	118	0	70 - 130	30	70 - 130	30

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

BATCH 62876 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1111767-002A	11/22/11 11:15 AM	11/22/11	11/23/11 10:07 PM	1111767-005A	11/22/11 12:15 PM	11/22/11	11/23/11 7:39 AM
1111767-006A	11/22/11 12:30 PM	11/22/11	11/28/11 2:12 PM				

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

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

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

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

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

DHS ELAP Certification 1644

QA/QC Officer

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Analytical Report

AEI Consultants	Client Project ID: #298931; Good Chevrolet	Date Sampled: 11/22/11
		Date Received: 11/22/11
2500 Camino Diablo, Ste. #200	Client Contact: Joseph Fermanian	Date Reported: 12/19/11
Walnut Creek, CA 94597	Client P.O.:	Date Completed: 12/19/11

WorkOrder: 1111767 **A**

December 19, 2011

Dear Joseph:

Enclosed within are:

1) The results of the **1** analyzed sample from your project: **#298931; Good Chevrolet,**
2) QC data for the above sample, and
3) A copy of the chain of custody.

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

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

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

1111761

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RUSH

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

GeoTracker EDF ☐ PDF ☒ Excel ☐ Write On (DW) ☐

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

Report To: Joe Fermanian	Bill To: Sara Guerin
Company: AEI Consultants 2500 Camino Diablo Walnut Creek, CA	
Tele: (925) 746-6023	E-Mail: jfermanian@aeiconsultants.com
Project #: 298931	Fax: (925) 746-6099
Project Location: 1630 Park St, Alameda CA	Project Name: Good Chevrolet
Sampler Signature: Joseph Fermanian	

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	BTEX & TPH as Gas (602 / 8021 + 8015) / MTBE	TPH as Diesel (8015) and TPH as Gas	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Other: Filter sample for DISSOLVED metals analysis	Other: STLC Pb added 12/5/11 24hr	Comments
STKP1 (A/B/C/D)	gas stkp	11/22	1100	4			X				X				X					X					X				X				
STKP2 (A/B/C/D)	WO stkp		1115	4												X	X							X				X		X		
D1	Dis 10 35'		1130	1											X					X								X				
D2	Dis 20 35'		1145	1											X					X								X				
WO-9'	WO 09'		12'5	1												X	X							X				X			OFF 11/22/11	
HOLD WO-11'	WO 11'		1230	1												X	X							X				X			HOLD	
Btm1	10k/13'bgs		115	1											X					X								X				
Btm2	10k/13'bgs		125	1											X					X								X				
Btm3	4k/11'bgs		145	1											X					X								X				
Btm4	4k/11'bgs		150	1			X								X					X								X				
GW-1		11/22	200	5		X					X				X					X								X		X		

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

Relinquished By:	Date:	Time:	Received By:
Patrick Mullen	11-22-11	5:25	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 2.8
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS
PRESERVED IN LAB

VOAS O&G METALS OTHER
PRESERVATION pH<2

COMMENTS:
+ Micro extraction ok if req'd JF

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1111767 A **ClientCode: AEL**

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

Report to:
Joseph Fermanian
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
(925) 283-6000 FAX: (925) 283-6121

Email: jfermanian@aeiconsultants.com
cc: droy@aeiconsultants.com
PO:
ProjectNo: #298931; Good Chevrolet

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

Requested TAT: 3 days
Date Received: **11/22/2011**
Date Add-On: **12/15/2011**
Date Printed: **12/15/2011**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1111767-002	STKP2(A/B/C/D)	Soil	11/22/2011 11:15	☐	A											

Test Legend:

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

Prepared by: Ana Venegas

Comments: Changed to 72hr TAT per JF on 11/23/due Tues, 11/29. STLC Pb added 12/15/11 24hr per email.

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

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

AEI Consultants	Client Project ID: #298931; Good Chevrolet	Date Sampled: 11/22/11
		Date Received: 11/22/11
2500 Camino Diablo, Ste. #200	Client Contact: Joseph Fermanian	Date Extracted: 12/15/11-12/17/11
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed: 12/19/11

Lead by ICP*

Extraction method: CA Title 22 Analytical methods: SW6010B Work Order: 1111767

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS	Comments
1111767-002A	STKP2(A/B/C/D)	S	WET	5.5	1	N/A	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	µg/L
	S	WET	0.2	mg/L

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

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

WET = Waste Extraction Test, i.e., STLC (Soluble Threshold Limit Concentration).
DI WET = Waste Extraction Test using DI water (DI STLC).

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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW6010B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 63479 | WorkOrder: 1111767

EPA Method: SW6010B **Extraction: CA Title 22** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Lead	N/A	1	N/A	N/A	N/A	82.6	N/A	N/A	75 - 125

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

BATCH 63479 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1111767-002A	11/22/11 11:15 AM	12/15/11	12/19/11 1:37 PM				

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

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

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

N/A = not applicable to this method.

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

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

AEI Consultants	Client Project ID: #298931; Good Chevrolet	Date Sampled: 11/22/11
		Date Received: 11/22/11
2500 Camino Diablo, Ste. #200	Client Contact: Joseph Fermanian	Date Reported: 01/10/12
Walnut Creek, CA 94597	Client P.O.:	Date Completed: 01/10/12

WorkOrder: 1111767 **B**

January 11, 2012

Dear Joseph:

Enclosed within are:

1) The results of the **1** analyzed sample from your project: **#298931; Good Chevrolet,**
2) QC data for the above sample, and
3) A copy of the chain of custody.

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

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

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

McCAMPBELL ANALYTICAL, INC.

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

CHAIN OF CUSTODY RECORD

RUSH 72 hr 11-28-11

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

GeoTracker EDF ☐ PDF ☒ Excel ☐ Write On (DW) ☐
☐ Check if sample is effluent and "J" flag is required

Report To: Joe Fermanian
Company: AEI Consultants, 2500 Camino Diablo, Walnut Creek, CA
Tele: (925) 746-6023
Project #: 298931
Project Location: 1630 Park St, Alameda CA
Sampler Signature: Joseph Fermanian

Bill To: Sara Gvesin
E-Mail: jfermanian@aeiconsultants.com
Fax: (925) 746-6099
Project Name: Good Chevrolet

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	Soil	Air	Sludge	Other	METHOD PRESERVED: ICE	HCL	HNO_3	Other	BTEX & TPH as Gas (602 / 8021 + 8015) / MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Other: TCLP Pb added 12/12 RUSH TAT DSR J.F.	Other: STLC Pb added 12/15/11 72hr	Comments
STKP1 (A/B/C/D)	gas stkp	11/22	1100	4			X				X				X	and TPH as Gas				X						X			X					
STKP2 (A/B/C/D)	WO stkp		1115	4												X	X								X				X			X	X	
D1	Dis 10 35'		1130	1											X					X									X					
D2	Dis 20 35'		1145	1											X					X									X					
WO-9'	WO 09'		1215	1												X	X								X				X					OFF 11/22/11
HOLD WO-11'	WO 11'		1230	1												X	X								X				X					HOLD
Btm1	10' / 13' bgs		115	1											X					X									X					
Btm2	10' / 13' bgs		125	1											X					X									X					
Btm3	4' / 11' bgs		145	1											X					X									X					
Btm4	4' / 11' bgs		150	1			X								X					X									X					
GW-1		11/22	200	5		X					X				X					X									X		X			

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

Relinquished By:	Date:	Time:	Received By:
Patrick Mullen	11-22-11	5:25	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 2.6
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS
PRESERVED IN LAB

COMMENTS: + Micro extraction ok'd Freyd JF

PRESERVATION VOAS O&G METALS OTHER pH<2

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1111767 B **ClientCode: AEL**

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

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

Email: jfermanian@aeiconsultants.com
cc: droy@aeiconsultants.com
PO:
ProjectNo: #298931; Good Chevrolet

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

Requested TAT: 3 days
Date Received: **11/22/2011**
Date Add-On: **01/09/2012**
Date Printed: **01/09/2012**

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
1111767-002	STKP2(A/B/C/D)	Soil	11/22/2011 11:15	☐	A											

Test Legend:

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

Prepared by: Ana Venegas

Comments: Changed to 72hr TAT per JF on 11/23/due Tues, 11/29. STLC Pb added 12/15/11 24hr per email.TCLP Pb added 1/9/12 rush tat per J.F

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

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

AEI Consultants	Client Project ID: #298931; Good Chevrolet	Date Sampled: 11/22/11
		Date Received: 11/22/11
2500 Camino Diablo, Ste. #200	Client Contact: Joseph Fermanian	Date Extracted: 01/09/12-01/10/12
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed: 01/10/12

Lead by ICP*

Extraction method: SW1311/SW3050B Analytical methods: SW6010B Work Order: 1111767

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS	Comments
1111767-002A	STKP2(A/B/C/D)	S	TCLP	ND	1	N/A	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	µg/L
	S	TCLP	0.2	mg/L

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

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

TCLP = Toxicity Characteristic Leaching Procedure.
DI TCLP = Toxicity Characteristic Leaching Procedure using DI water.

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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW6010B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 63861 | WorkOrder: 1111767

EPA Method: SW6010B | **Extraction: SW1311/SW3050B** | **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Lead	N/A	1	N/A	N/A	N/A	89.4	N/A	N/A	75 - 125

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

BATCH 63861 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1111767-002A	11/22/11 11:15 AM	01/09/12	01/10/12 3:13 PM				

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

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

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

N/A = not applicable to this method.

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

DHS ELAP Certification 1644

QA/QC Officer

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAL000178125 | 2. Page 1 of: 1 | 3. Emergency Response Phone: [redacted] | 4. Manifest Tracking Number: 005032734 FLE

GENERATOR

5. Generator's Name and Mailing Address: 2533 Clement Ave Alameda CA. 94501 — Foley Street Investments
Generator's Site Address (if different than mailing address): 1630 Park St. Alameda CA. 94501
Generator's Phone: 510-523-1925

6. Transporter 1 Company Name: EXCEL ENVIRONMENTAL SERVICES | U.S. EPA ID Number: CAL000205550

7. Transporter 2 Company Name | U.S. EPA ID Number

8. Designated Facility Name and Site Address: RIVERBANK OIL TRANSFER, 5500 CLARA RD. BLDG. 11, RIVERBANK, CA 95367 | U.S. EPA ID Number: CALD0120616
Facility's Phone: [redacted]

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON-RCRA HAZARDOUS WASTE LIQUID (USED OIL & WATER)	001	TT	925	G	221
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
WEAR GLOVES ERG# 171

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] | Signature | Month: 10 | Day: 23 | Year: 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] | Signature | Month: 10 | Day: 23 | Year: 13

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H 141			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month | Day | Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	CAD981996161	1	800-535-5053	008380436 JJK

GENERATOR

5. Generator's Name and Mailing Address
Foley Street Investments, LLC
2533 Clement Ave
Alameda, CA 94501
Generator's Phone:

Generator's Site Address (if different than mailing address)
Foley Street Investments
1630 Park Street
Alameda, CA 94501

6. Transporter 1 Company Name
Miller Pipeline, LLC
U.S. EPA ID Number
CA [illegible]

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6200
U.S. EPA ID Number
CAD 9 8 5 6 1 3 1 7 8
Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA Hazardous Waste Solids, (Lead), N/A	1	DT	15	T	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile Number# CB5460958
Sales Order # 7W4088045
Wear appropriate PPE

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month | Day | Year
[illegible] 10 | 26 | 12

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month | Day | Year

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAD[illegible]	1	707-562-5400	009880432 JJK

GENERATOR

5. Generator's Name and Mailing Address
Foley Street Investments, LLC
2333 Clement Ave
Alameda, CA 94501

Generator's Site Address (if different than mailing address)
Foley Street Investments
1630 Park Street
Alameda, CA 94501

Generator's Phone:

6. Transporter 1 Company Name: Mi Hon Trucking — U.S. EPA ID Number: CAD[illegible]

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6026

U.S. EPA ID Number: CAD 9 8 4 7 5 2 7 4

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA Hazardous Waste Solids, (Lead), NA	1	DT	10	T	331
	2.					
	3. 4B3.16					
	4. 207					

14. Special Handling Instructions and Additional Information
Profile Number# CBUS0035B
Sales Order # 7W4082045
Wear appropriate PPE

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name (illegible) — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month — Day — Year

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CA0000000000
2. Page 1 of: 1
3. Emergency Response Phone: 707-546-3822
4. Manifest Tracking Number: 008880431 JJK

GENERATOR

5. Generator's Name and Mailing Address
Foley Street Investments, LLC
2333 Clement Ave
Alameda, CA 94501
Generator's Phone:

Generator's Site Address (if different than mailing address)
Foley Street Investments
1630 Park Street
Alameda, CA 94501

6. Transporter 1 Company Name: Mel's Trucking — U.S. EPA ID Number: CAR000210972

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-767-4300
U.S. EPA ID Number: CAD009710776
Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA Hazardous Waste Solid, (Lead), NA	1	DT	15	T	811
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile Number# CB5460935
Sales Order #: 7W8085045
Wear appropriate PPE

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Melvin Mata — Signature — Month: 10 — Day: 23 — Year: 12

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month — Day — Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAC000xxxxx	1	707-546-1839	008680437 JJK

GENERATOR

5. Generator's Name and Mailing Address
Foley Street Investments, LLC
2533 Clement Ave
Alameda, CA 94501

Generator's Site Address (if different than mailing address)
Foley Street Investments
1630 Park Street
Alameda, CA 94501

Generator's Phone:

6. Transporter 1 Company Name: Rood Equipment Rental Inc. U.S. EPA ID Number: CAD981[illegible]453

7. Transporter 2 Company Name U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6200
U.S. EPA ID Number: CAD[illegible]

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA Hazardous Waste Solids, (Lead), N/A	1	DT	17	T	811
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile #[illegible] Waste Number CA 9999
Sales Order #: 7W1[illegible]
Wear appropriate PPE
21 555

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] Signature: [illegible] Month Day Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] Signature: [illegible] Month: 10 Day: 30 Year: 12

Transporter 2 Printed/Typed Name Signature Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name Signature Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of 1

3. Emergency Response Phone

4. Manifest Tracking Number: 000820438 JJK

GENERATOR

5. Generator's Name and Mailing Address

Foley Street Investments, LLC
3533 Clement Ave
Alameda, CA 94501

Generator's Site Address (if different than mailing address)

Foley Street Investments
1630 Park Street
Alameda, CA 94501

Generator's Phone:

6. Transporter 1 Company Name

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6300

U.S. EPA ID Number

CAD 9 8 0 6 3 3 2 7 6

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. None, Non-RCRA Hazardous Waste Solids, (Lead), NA	1	DT	18	T	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

Profile Number# CH9460958
Sales Order #: 7W4088045

Wear appropriate PPE

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month | Day | Year

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month | Day | Year

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CA[illegible]	1	707 548 5858	008880429 JJK

GENERATOR

5. Generator's Name and Mailing Address
Foley Street Investments, LLC
2533 Clement Ave
Alameda, CA 94501

Generator's Site Address (if different than mailing address)
Foley Street Investments
1631 Park Street
Alameda, CA 94501

Generator's Phone:

6. Transporter 1 Company Name: Aquatech and Sons Transport — U.S. EPA ID Number: CAR000151555

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 (661) 762-6200

U.S. EPA ID Number: CAD 9 8 1 0 8 7 3 2 7 4

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Waste, Non-RCRA Hazardous Waste Solids, (Lead), N/A	1	DT	13	T	811
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile Number: CAS4609B
Sales Order #: 7W4088045
Wear appropriate PPE

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jose F Nuño — Signature: Jose F Nuño — Month: 10 — Day: 24 — Year: 12

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month — Day — Year

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
[illegible]		[illegible]	006580430 JJK

GENERATOR

5. Generator's Name and Mailing Address: [illegible] Investments, LLC
2531 Clement Ave
Alameda, CA 94501

Generator's Site Address (if different than mailing address)
[illegible]
1440 Park Street
Alameda, CA 94501

Generator's Phone:

6. Transporter 1 Company Name: Bradley Tanks Inc — U.S. EPA ID Number: CAR000224568

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6700 — U.S. EPA ID Number: CAD981394774

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Haw, Non-RCRA Hazardous Waste Solids, (Lead), N/A	1	DT	12	T	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile Number# CHS160055
Sales Order # 7W40880045
Wear appropriate PPE

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name — Signature — Month Day Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Juan Manuel Gutierrez — Signature — Month Day Year: 05 22 12

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
CA[illegible]	1	707 [illegible]	[illegible]

GENERATOR

5. Generator's Name and Mailing Address

Foley Street Investments, LLC
2561 Clement Ave
Alameda, CA 94501

Generator's Phone:

Generator's Site Address (if different than mailing address)

Foley Street Investments
1630 Park Street
Alameda, CA 94501

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Keenan Way Road
6426 Hay Road
Vacaville, CA 95687 (707) 453-4119

Facility's Phone:

CAD982460473

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	TPH contaminated soil-hydraulic oil hits	001	DT	12	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Approval # 5405

Wear appropriate PPE when handling material

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
CA[illegible]	1	707-546-3659	[illegible]

GENERATOR

5. Generator's Name and Mailing Address

Foley Street Investments, LLC
2933 Clement Ave
Alameda, CA 94501

Generator's Phone: Alameda, CA 94501

Generator's Site Address (if different than mailing address)

Foley Street Investments
1530 Park Street
Alameda, CA 94501

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Guadalupe Hay Road
4436 Hay Road
Vacaville, CA 95687 (707) 678-8711

Facility's Phone: CAD982042475

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	TPH contaminated soil hydraulic oil lifts	[illegible]	D	[illegible]	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Approval # 5426

Wear appropriate PPE when handling material

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
CAC000[illegible]	1	[illegible]	[illegible]

GENERATOR

5. Generator's Name and Mailing Address

Roley Street Investments, LLC
2111 Clement Ave
Alameda, CA 94501

Generator's Phone: [illegible]

Generator's Site Address (if different than mailing address)

Roley Street Investments
1630 Park Street
Alameda, CA 94501

6. Transporter 1 Company Name: [illegible]

U.S. EPA ID Number:

7. Transporter 2 Company Name: [illegible]

U.S. EPA ID Number:

8. Designated Facility Name and Site Address

[illegible]
[illegible] Hay Road
[illegible]

U.S. EPA ID Number:

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	TPH contaminated soil-hydraulic oil [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Approval # [illegible]

Wear appropriate PPE when handling material

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number:

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)	Month	Day	Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
CAD028[illegible]	1	707-648-2800	EET-001

GENERATOR

5. Generator's Name and Mailing Address

Foley Street Investments, LLC
2311 Clement Ave
Alameda, CA 94501

Generator's Phone:

Generator's Site Address (if different than mailing address)

Foley Street Investments
1515 Park Street
Alameda, CA 94501

6. Transporter 1 Company Name | U.S. EPA ID Number

7. Transporter 2 Company Name | U.S. EPA ID Number

8. Designated Facility Name and Site Address | U.S. EPA ID Number

Ecology Way Road
8426 Hay Road
Vacaville, CA 95687 (707) 678-4110

Facility's Phone:

CAD982442475

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	TPH contaminated soil hydraulic oil lifts	001	DT	18	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Approval # 8426

Wear Appropriate PPE when handling material.

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month | Day | Year

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
CAC000[illegible]	1	707-[illegible]	STT-[illegible]

GENERATOR

5. Generator's Name and Mailing Address

Foley Street Investments, LLC
2533 Clement Ave
Alameda, CA 94501

Generator's Phone:

Generator's Site Address (if different than mailing address)

Foley Street Investments
1650 Park Street
Alameda, CA 94501

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Pinnacle Hayward
4426 Hay Road
Pleasanton, CA 94588 (925) 931-4410

Facility's Phone:

CAD982482471

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	TPH contaminated soil hydraulic oil lifts	001	CT	1	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Approval # 5426

Wear Appropriate PPE when handling material

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	CAC002389845		707-546-3839	[illegible]

GENERATOR

5. Generator's Name and Mailing Address

Paley Street Investments, LLC
2533 Clement Ave
Alameda, CA 94501

Generator's Phone:

Generator's Site Address (if different than mailing address)

Paley Street Investments
1500 Park Street
Alameda, CA 94501

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Ruckuge Ray Road
5426 Ray Road
Vacaville, CA 95687 (707)678-4712

CAD982042475

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	TPH contaminated soil-hydraulic oil lift	001	DT	18	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Approval # 5425

Wear Appropriate PPE when handling material

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
CAC002[illegible]	1	707-346-3658	BTL-010

GENERATOR

5. Generator's Name and Mailing Address

Foley Street Investments, LLC
2333 Clement Ave
Alameda, CA 94501

Generator's Phone:

Generator's Site Address (if different than mailing address)

Foley Street Investments
1687 Park Street
Alameda, CA 94501

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Ecology Hay Road
5438 Hay Road
Vacaville, CA 95687 (707)[illegible]

Facility's Phone:

CAD982040475

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	TPH contaminated soil-hydraulic oil lifts	[illegible]	[illegible]	[illegible]	[illegible]	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Approval # 5435

Wear appropriate PPE when handling material.

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	CA0[illegible]	1	707-348-3859	BTI-009

GENERATOR

5. Generator's Name and Mailing Address

Foley Street Investments, LLC
2933 Clement Ave
Alameda, CA 94501

Generator's Phone:

Generator's Site Address (if different than mailing address)

Foley Street Investments
1535 Park Street
Alameda, CA 94501

6. Transporter 1 Company Name | U.S. EPA ID Number

7. Transporter 2 Company Name | U.S. EPA ID Number

8. Designated Facility Name and Site Address | U.S. EPA ID Number

Ecology Way Road
6925 Hay Road
Vacaville, CA 95687 (707) 678-4141

Facility's Phone: CAD982494615

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	TPH contaminated soil-hydraulic oil info	001	DT	17	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Approval # 5425

Wear Appropriate PPE when handling material

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month | Day | Year

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
CAD[illegible]		707-546-9858	NTI-02

GENERATOR

5. Generator's Name and Mailing Address

Roley Street Investments, LLC
2532 Clement Ave
Alameda, CA 94501

Generator's Phone:

Generator's Site Address (if different than mailing address)

Roley Street Investments
1532 Park Street
Alameda, CA 94501

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Petrology Bay Road
4436 Bay Road
Vacaville, CA 95687 (707) 678-1661

Facility's Phone:

CAD982042575

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	TPH contaminated soil-hydraulic oil line	[illegible]	D	[illegible]	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Approval # 5425

Wear Appropriate PPE when handling material

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
CAC002899683	1	707-548-5858	RTI-016

GENERATOR

5. Generator's Name and Mailing Address

Poley Street Investments, LLC
2311 Clement Ave
Alameda, CA 94501
Generator's Phone:

Generator's Site Address (if different than mailing address)

Poley Street Investments
1630 Park Street
Alameda, CA 94501

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Revology Bay Road
6426 Bay Road
Pacerville, CA 95687 (707)678-4121
Facility's Phone:
CAD982042475

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	TPH contaminated soil-hydraulic oil (HA	001	DT	12	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

approval # 5426

Wear appropriate PPE when handling material

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
CAD982042403	1	877 348 3808	STL-011

GENERATOR

5. Generator's Name and Mailing Address

Foley Street Investments, LLC
2513 Clement Ave
Alameda, CA 94501

Generator's Phone:

Generator's Site Address (if different than mailing address)

Foley Street Investments
1601 Park Street
Alameda, CA 94501

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Ecology Way Road
5426 Bay Road
Pittsburg, CA 94565 (925) 427-3151

Facility's Phone:

CAD982042403

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	TPH contaminated soil-hydraulic oil (Oil)	001	DT	10	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Approval # 5426

Wear Appropiate PPE when handling material

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
CAL000280083	1	707-546-5858	[illegible]

GENERATOR

5. Generator's Name and Mailing Address

Poley Street Investments, LLC
2933 Clement Ave
Alameda, CA 94501

Generator's Site Address (if different than mailing address)

Poley Street Investments
1600 Park Street
Alameda, CA 94501

Generator's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

[illegible]

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Ecology Control
6426 Bay Road
Vacaville, CA 9588- (707)624-4719 — CALD982042475

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	TPH contaminated soil with asbestos containing materials	001	DT	10	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Approval # 5425

Wear appropriate PPE when handling material

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month 1 — Day 29 — Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month 1 — Day 29 — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	CAC002488663	1	707-648-5859	STL-68

GENERATOR

5. Generator's Name and Mailing Address

Foley Street Investments, LLC
2533 Clement Ave.
Alameda, CA 94501

Generator's Phone:

Generator's Site Address (if different than mailing address)

Foley Street Investments
1535 Park Street
Alameda, CA 94501

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Ecology Ray Road
5028 Ray Road
Pittsburg, CA 94565 (707) 648-5859

Facility's Phone: CAD982484473

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	TPH contaminated soil-hydraulic oil info					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Approval # 5525

Wear Appropriate PPE when handling material

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
CAC002699[illegible]	1	707-648-3639	BTI-[illegible]

GENERATOR

5. Generator's Name and Mailing Address

Foley Street Investments, LLC
2533 Clement Ave
Alameda, CA 94501

Generator's Phone:

Generator's Site Address (if different than mailing address)

Foley Street Investments
1451 Park Street
Alameda, CA 94501

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Ryedale Hay Road
4436 Hay Road
Vacaville, CA 95687 (707) 678-4316

Facility's Phone:

CAD982040475

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	TPH contaminated soil-hydraulic oil info	[illegible]	[illegible]	[illegible]	[illegible]	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Approval # 5425

Wear Appropriate PPE when handling material

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
CAD [illegible]	1	707-544-2828	NTI-[illegible]

GENERATOR

5. Generator's Name and Mailing Address

Foley Street Investments, LLC
2931 Clement Ave
Alameda, CA 94501

Generator's Phone:

Generator's Site Address (if different than mailing address)

Foley Street Investments
1630 Park Street
Alameda, CA 94501

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Recology Hay Road
5426 Hay Road
Vacaville, CA 95687 (707) 374-8712

Facility's Phone:

CAD982042473

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	TPH contaminated soil hydraulic oil lift	0 0 1	[illegible]	18	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Approval # 5426

Wear Appropriate PPE when handling material

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name [illegible] — Signature — Month Day Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month Day Year

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of meterials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	CAD[illegible]	1	707-548-5858	BTL 021

GENERATOR

5. Generator's Name and Mailing Address

Foley Street Investments, LLC
2233 Clement Ave
Alameda, CA 94501

Generator's Phone:

Generator's Site Address (if different than mailing address)

Foley Street Investments
1530 Park Street
Alameda, CA 94501

6. Transporter 1 Company Name — U.S. EPA ID Number

Ecology Recycling Services

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Ecology Way Road
6426 Hay Road
Vacaville, CA 95687 (707) 678-4781

Facility's Phone:

CAD982[illegible]247

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	TPH contaminated soil-hydraulic oil hits	001	DT	17	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Approval # 5425

Wear Appropiate PPE when handling material

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
CAD982089643	1	707 348-3819	STI 013

GENERATOR

5. Generator's Name and Mailing Address

Foley Street Investments, LLC
2301 Clement Ave
Alameda, CA 94501

Generator's Phone:

Generator's Site Address (if different than mailing address)

Foley Street Investments
1501 Park Street
Alameda, CA 94501

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Ecology Control
8426 Ray Road
Vacaville, CA 95687 (707) 678-4728

Facility's Phone:

CAD982442672

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	TPH contaminated soil hydraulic oil lifts	001	DT	1Y	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Approval # 5425

Wear Appropriate PPE when handling material

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	CA5000269063	1	707-348-3639	STI-010

GENERATOR

5. Generator's Name and Mailing Address

Roley Street Investments, LLC
2332 Clement Ave
Alameda, CA 94501

Generator's Phone:

Generator's Site Address (if different than mailing address)

Roley Street Investments
1630 Park Street
Alameda, CA 94501

6. Transporter 1 Company Name | U.S. EPA ID Number

7. Transporter 2 Company Name | U.S. EPA ID Number

8. Designated Facility Name and Site Address | U.S. EPA ID Number

Ruedigs Hay Road
4428 Hay Road
Vacaville, CA 95687 (707) 678-4113 | CAD982042475

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	TPH contaminated soil-hydraulic oil fills	0 0 1	D T	1 2	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Approval # 5426 — Wear appropriate PPE when handling material.

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month | Day | Year

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
CAD982695645	1	707-546-5855	BTL-014

GENERATOR

5. Generator's Name and Mailing Address

Foley Street Investments, LLC
2533 Clement Ave
Alameda, CA 94501

Generator's Phone: Alameda, CA 94501

Generator's Site Address (if different than mailing address)

Foley Street Investments
1616 Park Street
Alameda, CA 94501

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Roseburg Hay Road
8438 Hay Road
Vacaville, CA 95687 (707) 678-4718

Facility's Phone: CAD982042475

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	TPH contaminated soil hydraulic oil info	001	DT	18	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Approval # 5416

Wear Appropriate PPE when handling material

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

APPENDIX B

Analytical Documentation

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

AEI Consultants	Client Project ID: #798931; FSI-Park St.	Date Sampled: 10/24/12
		Date Received: 10/24/12
2500 Camino Diablo, Ste.#200	Client Contact: Andrew Wallace	Date Reported: 10/31/12
Walnut Creek, CA 94597	Client P.O.:	Date Completed: 10/31/12

WorkOrder: 1210818

October 31, 2012

Dear Andrew:

Enclosed within are:

1) The results of the **5** analyzed samples from your project: **#798931; FSI-Park St.,**
2) QC data for the above samples, and
3) A copy of the chain of custody.

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

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

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

121018

McCAMPBELL ANALYTICAL, INC.

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

CHAIN OF CUSTODY RECORD

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

GeoTracker EDF ☒ PDF ☐ Excel ☐ Write On (DW) ☐

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

Report To: Andrew Wallace Bill To: AEI Consultants

Company: AEI Consultants

2500 Camino Diablo #200, Walnut Creek 94597

E-Mail: awallace@aeiconsultants.com

Tele: (925) 746-6000 x105 Fax: (925) 746-6099

Project #: 798931 Project Name: FSS - Park St.

Project Location: 1630 Park St., Alameda, CA

Sampler Signature:

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	Analysis Request: BTEX & TPH as Gas (602 / 8021 + 8015) / MTBE	Analysis Request: TPH as Diesel (8015) motor oil	Analysis Request: Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Analysis Request: Total Petroleum Hydrocarbons (418.1)	Analysis Request: EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	Analysis Request: MTBE / BTEX ONLY (EPA 602 / 8021)	Analysis Request: EPA 505/ 608 / 8081 (Cl Pesticides)	Analysis Request: EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	Analysis Request: EPA 507 / 8141 (NP Pesticides)	Analysis Request: EPA 515 / 8151 (Acidic Cl Herbicides)	Analysis Request: EPA 524.2 / 624 / 8260 (VOCs)	Analysis Request: EPA 525.2 / 625 / 8270 (SVOCs)	Analysis Request: EPA 8270 SIM / 8310 (PAHs / PNAs)	Analysis Request: CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	Analysis Request: LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Analysis Request: Lead (200.7 / 200.8 / 6010 / 6020)	Other: w/Silica Gel Clean Up Only	Comments
CB3-12.5'		29Oct12	1145	1	SS		X				X				X	X														X		
SEW-10'			1150	1	SS		X				X				X	X														X		
NWW-10'			1200	1	SS		X				X				X	X														X		
NEW-10.5'			1215	1	SS		X				X				X	X														X		
SWW-10'			1225	1	SS		X				X				X	X														X		

Filter Samples for Metals analysis: Yes / No

Relinquished By:	Date:	Time:	Received By:
	29Oct12	14:50	
Relinquished By:	Date:	Time:	Received By:
	10/29/12	15:15	
Relinquished By:	Date:	Time:	Received By:

ICE/t° 4°C ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

COMMENTS:

	VOAS	O&G	METALS	OTHER
PRESERVATION			pH<2	

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1210818 **ClientCode: AEL**

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

Report to:
Andrew Wallace
AEI Consultants
2500 Camino Diablo, Ste.#200
Walnut Creek, CA 94597
(925) 283-6000 FAX: (925) 283-6121
Email: awallace@aeiconsultants.com
cc:
PO:
ProjectNo: #798931; FSI-Park St.

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

Requested TAT: 5 days
Date Received: **10/24/2012**
Date Printed: **10/24/2012**

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
1210818-001	CB3-12.5'	Soil	10/24/2012 11:45	☐	A	A	A									
1210818-002	SEW-10'	Soil	10/24/2012 11:50	☐	A		A									
1210818-003	NWW-10'	Soil	10/24/2012 12:00	☐	A		A									
1210818-004	NEW-10.5'	Soil	10/24/2012 12:15	☐	A		A									
1210818-005	SWW-10'	Soil	10/24/2012 12:25	☐	A		A									

Test Legend:

1	G-MBTEX_S	2	PREDF REPORT	3	TPH-WSG_S	4		5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

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.

McCampbell Analytical, Inc.
"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name: **AEI Consultants**
Date and Time Received: **10/24/2012 4:21:45 PM**

Project Name: **#798931; FSI-Park St.**
LogIn Reviewed by: Melissa Valles

WorkOrder N°: **1210818** Matrix: Soil
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

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

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

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

(Ice Type: WET ICE)

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

Comments:

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http://www.mccampbell.com / E-mail: main@mccampbell.com

AEI Consultants	Client Project ID: #798931; FSI-Park St.	Date Sampled: 10/24/12
		Date Received: 10/24/12
2500 Camino Diablo, Ste.#200	Client Contact: Andrew Wallace	Date Extracted: 10/24/12
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed: 10/25/12-10/29/12

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

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 1210818

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
001A	CB3-12.5'	S	ND	ND	ND	ND	ND	ND	1	95	
002A	SEW-10'	S	4500	ND<25	31	270	100	460	500	---#	d1
003A	NWW-10'	S	7600	ND<50	54	410	150	680	1000	---#	d1
004A	NEW-10.5'	S	2800	ND<5.0	28	180	65	290	100	---#	d1
005A	SWW-10'	S	2000	ND<5.0	20	110	33	160	100	---#	d1

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

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

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

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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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http://www.mccampbell.com / E-mail: main@mccampbell.com

AEI Consultants	Client Project ID: #798931; FSI-Park St.	Date Sampled: 10/24/12
		Date Received: 10/24/12
2500 Camino Diablo, Ste.#200	Client Contact: Andrew Wallace	Date Extracted 10/24/12
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed 10/25/12-10/30/12

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550B/3630C Analytical methods: SW8015B Work Order: 1210818

Lab ID	Client ID	Matrix	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1210818-001A	CB3-12.5'	S	ND	1	100	e2
1210818-002A	SEW-10'	S	8100	200	---#	e7,e2,e4
1210818-003A	NWW-10'	S	3500	1	---#	e7,e4,e2
1210818-004A	NEW-10.5'	S	3800	1	---#	e7,e4,e2
1210818-005A	SWW-10'	S	14,000	20	---#	e7,e2,e4

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

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

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

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

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
e2) diesel range compounds are significant; no recognizable pattern
e4) gasoline range compounds are significant.
e7) oil range compounds are significant

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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http://www.mccampbell.com / E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 71873 | WorkOrder: 1210818

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1210766-012A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex)£	ND	0.60	111	113	1.96	114	70 - 130	20	80 - 120
MTBE	ND	0.10	95.7	103	7.57	100	70 - 130	20	80 - 120
Benzene	ND	0.10	101	96.3	4.28	108	70 - 130	20	80 - 120
Toluene	ND	0.10	99.5	98.7	0.746	108	70 - 130	20	80 - 120
Ethylbenzene	ND	0.10	113	99.8	12.7	111	70 - 130	20	80 - 120
Xylenes	ND	0.30	121	102	17.4	114	70 - 130	20	80 - 120
%SS:	108	0.10	101	98	3.24	105	70 - 130	20	70 - 130

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

BATCH 71873 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1210818-001A	10/24/12 11:45 AM	10/24/12	10/29/12 10:04 PM	1210818-002A	10/24/12 11:50 AM	10/24/12	10/26/12 4:51 PM
1210818-003A	10/24/12 12:00 PM	10/24/12	10/26/12 6:22 PM	1210818-004A	10/24/12 12:15 PM	10/24/12	10/25/12 8:43 PM
1210818-005A	10/24/12 12:25 PM	10/24/12	10/25/12 10:43 PM				

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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

DHS ELAP Certification 1644 QA/QC Officer

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 71913 | WorkOrder: 1210818

EPA Method: SW8015B **Extraction: SW3550B/3630C** **Spiked Sample ID: 1210818-002A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH-Diesel (C10-C23)	4700	40	NR	NR	NR	116	N/A	N/A	70 - 130
%SS:	---#	25	NR	NR	NR	99	N/A	N/A	70 - 130

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

BATCH 71913 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1210818-001A	10/24/12 11:45 AM	10/24/12	10/29/12 1:34 PM	1210818-002A	10/24/12 11:50 AM	10/24/12	10/30/12 3:02 PM
1210818-003A	10/24/12 12:00 PM	10/24/12	10/26/12 2:32 AM	1210818-004A	10/24/12 12:15 PM	10/24/12	10/25/12 10:06 PM
1210818-005A	10/24/12 12:25 PM	10/24/12	10/30/12 7:08 PM				

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

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

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

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

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

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

AEI Consultants	Client Project ID: #298931; FSI-Park St	Date Sampled: 10/23/12
		Date Received: 10/23/12
2500 Camino Diablo, Ste.#200	Client Contact: Andrew Wallace	Date Reported: 10/30/12
Walnut Creek, CA 94597	Client P.O.:	Date Completed: 10/30/12

WorkOrder: 1210766

October 30, 2012

Dear Andrew:

Enclosed within are:

1) The results of the **12** analyzed samples from your project: **#298931; FSI-Park St,**
2) QC data for the above samples, and
3) A copy of the chain of custody.

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

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

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

1210766

McCAMPBELL ANALYTICAL, INC.

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

CHAIN OF CUSTODY RECORD

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

GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

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

Report To: Andrew Wallace Bill To: AEI Consultants

Company: AEI Consultants

2500 Camino Diablo #200, Walnut Creek 94597

E-Mail: awallace@aeiconsultants.com

Tele: (925) 746-6000 x105 Fax: (925) 746-6099

Project #: 298931 Project Name: FSE-Park St.

Project Location: 1630 Park St., Alameda, CA

Sampler Signature: Andrew Wallace

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	BTEX & TPH as Gas (602 / 8021 + 8015) / MTBE	TPH ~~as Diesel~~ (8015) as motor oil	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Other w/Silica Gel Clean Up Only	Other	Other	Comments
SEW2-9'		10/23/12	9:00	1	2D		X				X				X	X																		
EB2-11.5'			9:05	1	S/S		X				X				X	X																		
EW2-9.5'			9:45	1			X				X				X	X																		
NEW2-9.5'			9:52	1			X				X				X	X																		
CB2-11.5'			10:50	1			X				X				X	X																		
CSW2-9.5'			1:15p	1			X				X				X	X																		
WB2-11.5'			1:25p	1			X				X				X	X																		
SWW2-9.5'			1:30p	1			X				X				X	X																		
WW2-9.5'			1:35p	1			X				X				X	X																		
WW2-6.5'			1:40p	1			X				X				X	X																		
NWW2-9.5'			1:42p	1			X				X				X	X																		
CNW2-9.5'			1:45p	1			X				X				X	X																		

Relinquished By:	Date:	Time:	Received By:
	Oct 23, 12	15:26	
Relinquished By:	Date:	Time:	Received By:
	10/23/12	1645	
Relinquished By:	Date:	Time:	Received By:

ICE/t° 5.2 ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT ____
DECHLORINATED IN LAB ✓
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB ____

VOAS O&G METALS OTHER
PRESERVATION pH<2

COMMENTS:

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1210766 **ClientCode: AEL**

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

Report to:
Andrew Wallace
AEI Consultants
2500 Camino Diablo, Ste.#200
Walnut Creek, CA 94597
(408) 559-7600 FAX: (408) 559-7601

Email: awallace@aeiconsultants.com
cc:
PO:
ProjectNo: #298931; FSI-Park St

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

Requested TAT: 5 days

Date Received: **10/23/2012**
Date Printed: **10/23/2012**

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
1210766-001	SEW2-9'	Soil	10/23/2012 9:00	☐	A	A										
1210766-002	EB2-11.5'	Soil	10/23/2012 9:05	☐	A	A										
1210766-003	EW2-9.5'	Soil	10/23/2012 9:45	☐	A	A										
1210766-004	NEW2-9.5'	Soil	10/23/2012 9:52	☐	A	A										
1210766-005	CB2-11.5'	Soil	10/23/2012 10:50	☐	A	A										
1210766-006	CSW2-9.5'	Soil	10/23/2012 13:15	☐	A	A										
1210766-007	WB2-11.5'	Soil	10/23/2012 13:25	☐	A	A										
1210766-008	SWW2-9.5'	Soil	10/23/2012 13:30	☐	A	A										
1210766-009	WW2-9.5'	Soil	10/23/2012 13:35	☐	A	A										
1210766-010	WW2-6.5'	Soil	10/23/2012 13:40	☐	A	A										
1210766-011	NWW2-9.5'	Soil	10/23/2012 13:42	☐	A	A										
1210766-012	CNW2-9.5'	Soil	10/23/2012 13:45	☐	A	A										

Test Legend:

1	G-MBTEX_S	2	TPH_S	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

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.

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name: **AEI Consultants**
Date and Time Received: **10/23/2012 5:23:45 PM**

Project Name: **#298931; FSI-Park St**
LogIn Reviewed by: Melissa Valles

WorkOrder N°: **1210766** Matrix: Soil
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

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

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 5.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
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:

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http://www.mccampbell.com / E-mail: main@mccampbell.com

AEI Consultants	Client Project ID: #298931; FSI-Park St	Date Sampled: 10/23/12
		Date Received: 10/23/12
2500 Camino Diablo, Ste.#200	Client Contact: Andrew Wallace	Date Extracted: 10/23/12
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed: 10/24/12-10/26/12

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

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 1210766

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
001A	SEW2-9'	S	ND	ND	ND	ND	ND	ND	1	106	
002A	EB2-11.5'	S	ND	ND	ND	ND	ND	ND	1	117	
003A	EW2-9.5'	S	ND	ND	ND	ND	ND	ND	1	108	
004A	NEW2-9.5'	S	ND	ND	ND	ND	ND	ND	1	111	
005A	CB2-11.5'	S	ND	ND	ND	ND	ND	ND	1	112	
006A	CSW2-9.5'	S	ND	ND	ND	ND	ND	ND	1	103	
007A	WB2-11.5'	S	ND	ND	ND	ND	ND	ND	1	96	
008A	SWW2-9.5'	S	ND	ND	ND	ND	ND	ND	1	105	
009A	WW2-9.5'	S	1400	ND<5.0	ND<0.50	ND<0.50	42	180	100	---#	d2,d9
010A	WW2-6.5'	S	ND	ND	ND	ND	ND	ND	1	96	
011A	NWW2-9.5'	S	ND	ND	ND	ND	ND	ND	1	102	
012A	CNW2-9.5'	S	ND	ND	ND	ND	ND	ND	1	108	

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

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

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

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
d2) heavier gasoline range compounds are significant (aged gasoline?)
d9) no recognizable pattern

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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http://www.mccampbell.com / E-mail: main@mccampbell.com

AEI Consultants	Client Project ID: #298931; FSI-Park St	Date Sampled: 10/23/12
		Date Received: 10/23/12
2500 Camino Diablo, Ste.#200	Client Contact: Andrew Wallace	Date Extracted 10/23/12
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed 10/24/12-10/29/12

Total Extractable Petroleum Hydrocarbons*

Extraction method: SW3550B Analytical methods: SW8015B Work Order: 1210766

Lab ID	Client ID	Matrix	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1210766-001A	SEW2-9'	S	ND	1	103	
1210766-002A	EB2-11.5'	S	ND	1	97	
1210766-003A	EW2-9.5'	S	23	1	84	e7,e2
1210766-004A	NEW2-9.5'	S	ND	1	105	
1210766-005A	CB2-11.5'	S	ND	1	98	
1210766-006A	CSW2-9.5'	S	ND	1	91	
1210766-007A	WB2-11.5'	S	ND	1	107	
1210766-008A	SWW2-9.5'	S	ND	1	92	
1210766-009A	WW2-9.5'	S	3400	2	104	e7,e2,e4
1210766-010A	WW2-6.5'	S	ND	1	103	
1210766-011A	NWW2-9.5'	S	ND	1	105	
1210766-012A	CNW2-9.5'	S	ND	1	90	

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

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

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

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

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
e2) diesel range compounds are significant; no recognizable pattern
e4) gasoline range compounds are significant.
e7) oil range compounds are significant

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Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 71873 | WorkOrder: 1210766

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1210766-012A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex)£	ND	0.60	111	113	1.96	114	70 - 130	20	80 - 120
MTBE	ND	0.10	95.7	103	7.57	100	70 - 130	20	80 - 120
Benzene	ND	0.10	101	96.3	4.28	108	70 - 130	20	80 - 120
Toluene	ND	0.10	99.5	98.7	0.746	108	70 - 130	20	80 - 120
Ethylbenzene	ND	0.10	113	99.8	12.7	111	70 - 130	20	80 - 120
Xylenes	ND	0.30	121	102	17.4	114	70 - 130	20	80 - 120
%SS:	108	0.10	101	98	3.24	105	70 - 130	20	70 - 130

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

BATCH 71873 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1210766-001A	10/23/12 9:00 AM	10/23/12	10/24/12 1:30 PM	1210766-002A	10/23/12 9:05 AM	10/23/12	10/24/12 2:30 PM
1210766-003A	10/23/12 9:45 AM	10/23/12	10/24/12 3:01 PM	1210766-004A	10/23/12 9:52 AM	10/23/12	10/24/12 4:02 PM
1210766-005A	10/23/12 10:50 AM	10/23/12	10/24/12 5:03 PM	1210766-006A	10/23/12 1:15 PM	10/23/12	10/24/12 6:34 PM
1210766-007A	10/23/12 1:25 PM	10/23/12	10/24/12 7:04 PM	1210766-008A	10/23/12 1:30 PM	10/23/12	10/24/12 7:34 PM
1210766-009A	10/23/12 1:35 PM	10/23/12	10/26/12 4:20 PM	1210766-010A	10/23/12 1:40 PM	10/23/12	10/26/12 8:09 PM
1210766-011A	10/23/12 1:42 PM	10/23/12	10/25/12 12:04 AM	1210766-012A	10/23/12 1:45 PM	10/23/12	10/25/12 12:34 AM

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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

DHS ELAP Certification 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 71805 | WorkOrder: 1210766

EPA Method: SW8015B **Extraction: SW3550B** **Spiked Sample ID: 1210653-007A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH-Diesel (C10-C23)	51	40	NR	NR	NR	91.4	N/A	N/A	70 - 130
%SS:	85	25	NR	NR	NR	82	N/A	N/A	70 - 130

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

BATCH 71805 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1210766-001A	10/23/12 9:00 AM	10/23/12	10/24/12 2:36 PM	1210766-002A	10/23/12 9:05 AM	10/23/12	10/25/12 7:14 AM
1210766-003A	10/23/12 9:45 AM	10/23/12	10/25/12 8:20 AM	1210766-004A	10/23/12 9:52 AM	10/23/12	10/24/12 7:03 PM

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

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

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

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

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

DHS ELAP Certification 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 71874 | WorkOrder: 1210766

EPA Method: SW8015B **Extraction: SW3550B** **Spiked Sample ID: 1210766-012A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH-Diesel (C10-C23)	ND	40	103	103	0	104	70 - 130	30	70 - 130
%SS:	90	25	90	89	0.434	88	70 - 130	30	70 - 130

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

BATCH 71874 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1210766-005A	10/23/12 10:50 AM	10/23/12	10/24/12 8:09 PM	1210766-006A	10/23/12 1:15 PM	10/23/12	10/24/12 6:09 AM
1210766-007A	10/23/12 1:25 PM	10/23/12	10/24/12 9:16 PM	1210766-008A	10/23/12 1:30 PM	10/23/12	10/26/12 3:29 AM
1210766-009A	10/23/12 1:35 PM	10/23/12	10/26/12 6:25 AM	1210766-010A	10/23/12 1:40 PM	10/23/12	10/29/12 3:53 PM
1210766-011A	10/23/12 1:42 PM	10/23/12	10/25/12 5:01 AM	1210766-012A	10/23/12 1:45 PM	10/23/12	10/24/12 7:16 AM

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

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

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

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

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

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QA/QC Officer

ATTACHMENT B

Conceptual Site Model

(December 2012)

December 7, 2012

Conceptual Site Model Update
November 2012

Property Identification:
1630 Park Street
Alameda, California

AEI Project No. 298931
ACEH Fuel Leak Case No. RO0000008

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
(925) 746-6000

Attachment:
Updated Conceptual Model – November 2012

FIGURES

TABLES

APPENDICIES

AEI Consultants
Environmental & Engineering Services
2500 Camino Diablo, Walnut Creek, CA 94597
Tel: 925.746.6000 Fax: 925.746.6099

December 7, 2012

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

Subject: **Conceptual Site Model Update**
November 2012
1630 Park Street
Alameda, California
AEI Project No. 298931
ACEH Fuel Leak Case No. RO0000008

Dear Ms. Detterman:

AEI has updated the initial Conceptual Site Model on behalf of Foley Street Investments (FSI) as part of the on-going remediation at 1630 Park Street in Alameda, California (ACEH Fuel Leak Case # RO 0000008) [Figure 1].

Technical comment 1 of the October 5, 2012, directive letter requested an updated Conceptual Site Model (CSM). The results of the recent excavations and confirmation soil sampling have been incorporated into CSM which is attached. The new information has resulted in resolution of one of the data gaps: the Release Occurrence / Waste-Oil UST is no longer a data gap. Confirmation soil samples collected from the former UST-hold (excavation E1) showed no motor-oil range hydrocarbons exist in the bottom sample or sidewall samples. Additional evidence is provided by the lack of motor-oil range hydrocarbons in the majority of confirmation samples collected in excavation E2. It appears the source of the remaining oil-range hydrocarbons was the hydraulic lifts.

Additional insights gained from observations and confirmation soil sample analyses include:

- HVDPE was effective in removing hydrocarbons in the vicinity of the former UST-hold.
- Based on observations of soil staining and PID readings in excavations E1, E2 and E3, the shape of the hydrocarbon plume in soil appears to be consistent with the initial model. It appears to have been thickest at the source (UST's and lifts) thinning quickly with distance from the source. In addition, the impacts do not extend beyond the depth of the former excavation bottom (14.5 feet bgs) in the vicinity of the former UST-hold or beyond a depth of approximately 12 feet bgs in the vicinity of the hydraulic lifts.
- Waste-Oil does not appear to have been present in significant quantities in the vicinity of the former UST-hold.

- Hydraulic oil mixed with gasoline remains in the vicinity of DPE-5.

Remaining data-gaps include:

- Nature and Extent of Impacts / Impacts to Groundwater: The current well array leaves gaps in coverage to the west, northwest and northeast. The gaps will be addressed by installing four (4) additional groundwater monitoring wells and by converting well DPE-6 to a groundwater monitoring well.
- Nature and Extent of Impacts / Impacts in Vapor Phase: Vapor sample data thus far indicates minimal potential for vapor intrusion. ACEH has requested further monitoring of soil vapor in the vicinity of the hydrocarbon plume. Four (4) additional vapor monitoring points (VP-4, -5, -6, and -7) will be installed around the perimeter of the planned building. The three (3) existing vapor monitoring points (VP-1, -2 and -3) will be abandoned prior to construction of the proposed building as they will become inaccessible once construction begins. Preemptive vapor intrusion mitigation has been incorporated into the building design.
- Potential Receptors and Risks / On-site: Risk to on-site receptors has not been formally evaluated in a risk assessment. Human health risks will be evaluated upon further groundwater and soil vapor monitoring, and completion of the data gaps investigation. Mitigation measures will be recommended, as needed, during construction though a Site Management Plan.
- Potential Receptors and Risks / Off-site: Risk to off-site receptors has not been formally evaluated in a risk assessment. Offsite human health risks are expected to be minimal based on existing data.

Report Limitations

This report has been prepared by AEI Consultants relating to the property located at 1630 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 contains estimates of costs for various activities that could be implemented at the site. These 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.

We welcome comments and questions from ACEH staff. Please contact us (925) 746-6000.

Sincerely,
AEI Consultants

Robert Robitaille
Sr. Project Manager

Peter J. McIntyre, PG
Sr. Vice President, Geologist

FIGURES

Conceptual Site Model - Updated November 2012
Former Good Chevrolet
1630 Park Street, Alameda, CA

SCM Element	SCM Sub-Element	Description	Figures & Tables Reference	Data Gap	How to Address Data Gap
Geology & Hydrogeology	Regional	The site is located on Alameda Island. The near surface sediments of the area are mapped as Holocene and Pleistocene Merritt Sands (Qms) deposits (Helley, et al). Depth to bedrock is estimated at 300 to 800 feet below land surface (Norfleet Consultants, 1998). According to information obtained from the U.S Geological Survey (USGS), the site is located at between 20 and 25 feet above mean sea level (amsl) with the local topography sloping gently to the northeast.	n/a	None	n/a
	Site	**Geology:** Based on the logs of soil borings drilled at the site by AEI, sediments across the site are fairly consistent; consisting primarily of poorly graded fine to medium sand with varying clay and silt content to a depth of at least 25 feet bgs, the maximum depth explored. Logs of borings for remediation wells installed in November 2011, and observations during the October 2012 excavation of the former UST-hold and hydraulic lifts were consistent with these prior observations. **Hydrology:** During the drilling conducted by AEI in 2011-12, groundwater was first observed in the temporary direct push borings at depths of approximately 9 to 11 feet bgs and stabilized at between approximately 7.5 to 8.5 feet bgs. The depth to water in the groundwater monitoring wells has generally ranged from approximately 7.5 to 9.5 feet bgs since the wells were installed. Based on the groundwater monitoring conducted at the site, groundwater flows fairly consistently in a northwesterly direction at an approximate hydraulic gradient of $1x10^{-2}$ to $2x10^{-2}$ ft/ft. and exists as an unconfined aquifer. Based upon observations made during excavations at the former UST-hold and hydraulic lifts, transmisivity (T) and hydraulic conductivity (K) appear to be low. Excavations up to 15 feet bgs which were left open for several hours did not produce appreciable volumes water. Additional evidence for low T and K values is the small size of the hydrocarbon plume which has reached an apparent length of approximately 160 feet from the source since the conservative release date of 1986 (26 years).	Figures 3, 4 and 5; Tables 1 and 2; Boring Logs.	None	n/a
Surface Water Bodies		The nearest surface water body is the tidal canal located approximately 1500 to 2000 feet to the northeast.	Figure 1	None	n/a
Nearby Wells		In January 2012, a 2,000-foot radius well search was requested and received from the Alameda County Department of Public Works (ACDPW). The results of the well search were reviewed and wells which appeared to be associated with monitoring or remediation at other sites or soil borings were excluded from the review. According to the results of the well search, ten (10) wells are located within 2,000 feet of the site. Based on the 2008 groundwater sampling from the soil borings and cumulative groundwater monitoring data, it appears that the length of the plume at the site is no more than approximately 200 feet in length. None of the wells noted in this well search are located within the expected plume length for this site. As such, none of the listed wells are expected to be impacted by the hydrocarbons at the site.	March 30, 2012 Subsurface Investigation and Well Installation Report: Section 9.0.	None	n/a

Conceptual Site Model - Updated November 2012
Former Good Chevrolet
1630 Park Street, Alameda, CA

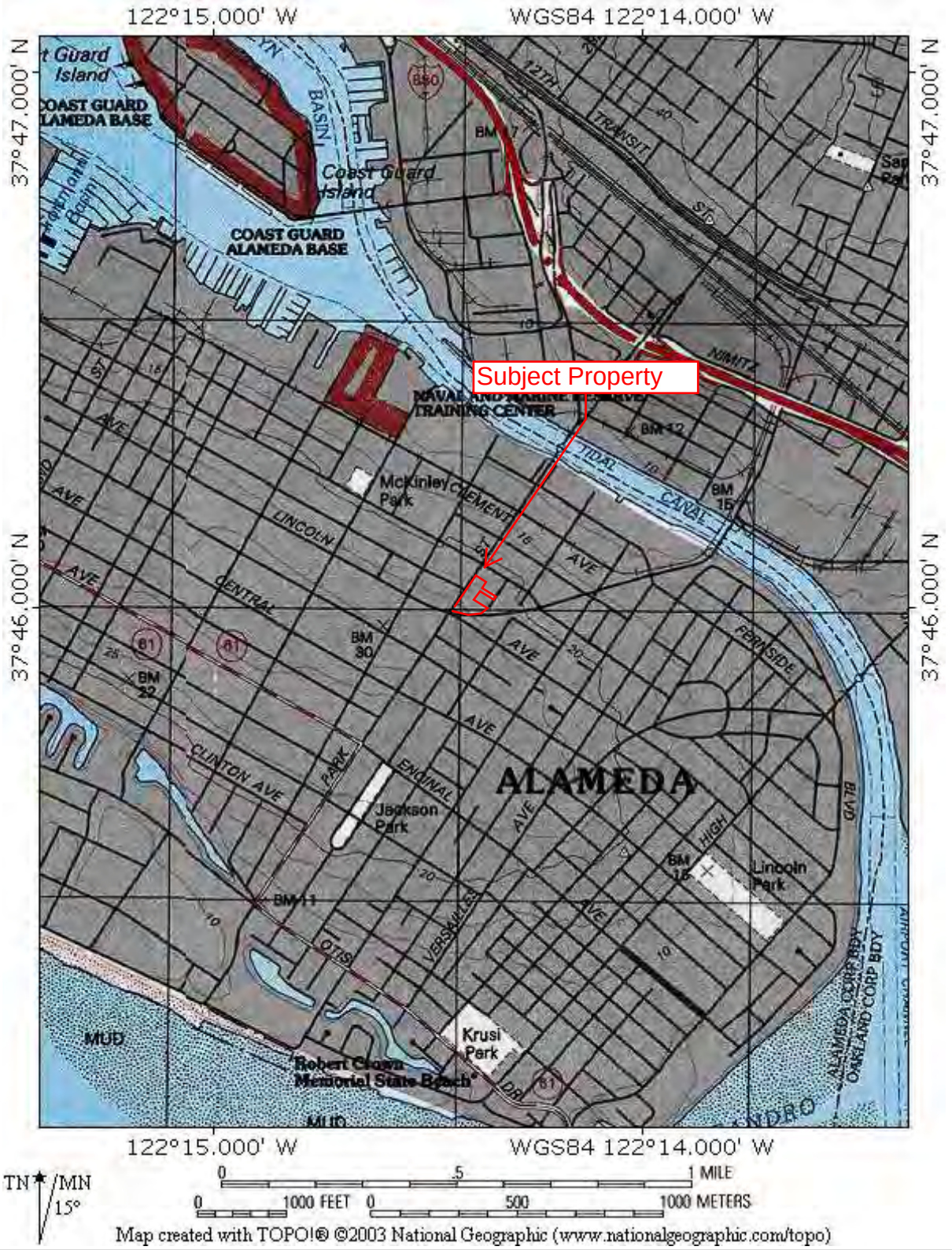
SCM Element	SCM Sub-Element	Description	Figures & Tables Reference	Data Gap	How to Address Data Gap
Potential Source(s)	On Site	**Former USTs:** One 300-gallon waste-oil underground storage tank (UST) and one 500-gallon gasoline UST were removed from adjacent to the northern side of the building in 1986 at which time a release of petroleum hydrocarbons, primarily gasoline, was discovered. **Hydraulic Lifts & Repair Area:** A total of 10 current and former underground hydraulic lifts were identified within the building. Investigation of these lift locations and associated drain features in July 2011 identified releases of hydraulic oil range hydrocarbons near five (5) of the lifts in the northeastern end of the building. No significant impact was identified in the other lift areas or near the drain features investigated. **Former Paint Booth**: A paint booth was identified in a 1950 Sanborn map. Soil boring AEI-27 was drilled in this location in Jan. 2012; no significant release was identified. **Former USTs (South end of site):** One 10,000-gallon gasoline UST, one 4,000-gallon gasoline UST, and one 550-gallon waste oil UST at the southern portion of the site were removed in November 2011. Based on soil and groundwater analytical data from samples collected in and near the UST at the time of removal, no significant release was identified and these former USTs are not a source of impact to the subject property.	See Previous Reports	None	n/a
Potential Source(s)	Off Site	**1650 Park St:** According to records on file with the ACEH, one 100-gallon waste oil UST and one 550-gallon gasoline UST were removed from the property in 1995 and 233 tons of soil were excavated and disposed at BFI Landfill in Livermore, California. Following soil removal and groundwater sampling, ACEH granted case closure in 2001. Based on onsite groundwater flow direction and case closure status of 1650 Park St, this site is not a source of impact to the subject site. **Other nearby LUST Cases:** Several nearby LUST cases are identified on GeoTracker, including 1541 Park St, 1700 Park St, and 1701 Park St. Based on documented groundwater flow direction at the site, regulatory status of these cases, and/or the configuration of their plumes, these sites do not appear to be source of impact to the subject site.	GeoTracker ACEH website	None	n/a
Release Occurrence	Gasoline UST	The release of TPH-g, BTEX, and other gasoline constituents originated from the former 500 gallon gasoline UST system removed in 1986 from near the northern side of the existing building. The exact cause of the release is not known, though typically such releases occur from failures of the UST itself or the associated piping and pump system. The timing, duration and volume of the oil release are unknown.	See Previous Reports	None	n/a
	Waste-Oil UST	According to a report prepared by Groundwater Technology in April 1987, the 300-gallon waste oil tank was removed in 1986 and a soil sample collected from the waste oil UST tank pit at a depth 8 feet bgs contained 57 ppm TPH-mo. No further sampling for TPH-mo was performed during the investigation that followed in 1987 nor does it appear that ACEH requested further investigation of the waste oil UST at that time. TPH-mo, which was added to the analytical suite in the May 2012 groundwater monitoring, was not detected in any of the wells (refer to the June 11, 2012 Groundwater Monitoring Report). This information indicates that a release from that waste oil UST was not significant. Confirmation soil samples collected during excavation of the former UST-hold in October 2012, showed non-detectable concentrations of TPH-mo in the sidewalls and bottom samples. This information indicates that a release from that waste oil UST was not significant.	Groundwater Technology, Inc., April 1987; AEI, June 11, 2012 Groundwater Monitoring Report.	None	n/a

Conceptual Site Model - Updated November 2012
Former Good Chevrolet
1630 Park Street, Alameda, CA

SCM Element	SCM Sub-Element	Description	Figures & Tables Reference	Data Gap	How to Address Data Gap
	Hydraulic Lifts	The source of the heavier range hydrocarbons detected in samples collected within the former building appear to be from several of the five former hydraulic lifts at the northern end of the building. Again, the timing, duration and volume of the oil release are unknown. Based on confirmation sampling at the former UST-hold, it does not appear that the former waste-oil UST contributed to the heavier range petroleum detected within the former building.	See Previous Reports	None	n/a
Constituents of Concern		The primary contaminants of concern are gasoline and gasoline constituents [TPH-g, benzene, toluene, ethylbenzene, and xylenes (BTEX)] from the gasoline UST release. MTBE has not been detected during recent sample analyses nor have significant concentrations of fuel oxygenates been detected. Heavier hydrocarbons (reported as TPH-d and TPH-mo) have been detected in the area of the hydraulic lifts. No PCBs were detected in samples from near the lifts and no VOCs were detected in samples near the paint booth or drain features within the repair shop. Lead has been detected in soil around the former USTs and may be a constituent of concern in the soil.	Tables 3, 4, 5 (soil); Tables 6, 7, 8, 9 (water).	None	n/a (see above for discussion of waste-oil UST constituents)
Nature and Extent of Impacts	Impacts in Soil	Prior to interim remedial efforts, gasoline impacted soil was centered on the former UST and extended laterally in each direction, primarily to the north-northwest toward Park Street. The zone of impact was thickest at the UST pit and thins with distance from the pit. Examples include: DPE-1 located adjacent to and down gradient of the pit with approximately 5 feet of impact; AEI-28 located 45 feet west and down/cross gradient of the pit with approximately 2.5 feet of impact; and AEI-24 located 45 south up-cross gradient of the pit with no impacts. To the east, south, and west, impacted soil appears to extend approximately 20 to 50 feet from the former UST hold and approximately 100 feet to the north. It appears that the gasoline constituents travelled vertically from its source (the UST) then spread laterally along the groundwater surface. The lateral extent of gasoline impacted soil is reasonably well defined in each direction. Based on observations and excavation confirmation samples collected during October 2012 excavation of the former UST-hold and the hydraulic lifts, it appears that the bulk of gasoline impacts to soil have been removed in the core of the plume near the former UST. Oil impacted soil was identified adjacent to several former lifts in the northeastern corner of the existing building. While the lateral extent of oil impacted soil has not been fully defined it is expected to be limited based on the typically low volumes released from such lifts. The vertical extent of impacted soil has been well defined by past investigations. Vertically, the top of the impacted zone begins at approximately 7 to 8 feet bgs and ends between approximately 12 to 14 feet bgs. Figures 3 and 4 show the approximate extent of vertical impacts. The zone of impact is limited to approximately 4 to 8 feet in thickness, which corresponds to just above the water table (capillary fringe) to several feet below the average water table. Based on observations and excavation confirmation samples collected during October 2012 excavation of the former UST-hold and the hydraulic lifts, it appears that the bulk of oil impacts to soil have been removed in the vicinity of the northeast corner of the former building. Soil impacted with a mixture of oil and gasoline remains in the vicinity of the former lift near DPE-5.	Figures 3, 4 and 6 Tables 3, 4 and 5 Boring Logs	None	n/a

Conceptual Site Model - Updated November 2012
Former Good Chevrolet
1630 Park Street, Alameda, CA

SCM Element	SCM Sub-Element	Description	Figures & Tables Reference	Data Gap	How to Address Data Gap
	Impacts in Groundwater	The dissolved phase plume is also centered on the former UST hold and spreads generally in a northwesterly direction. The extent of the impacts in groundwater have been defined to the south and southeast, as demonstrated by grab groundwater samples collected in January 2012, from borings AEI-24, AEI-25 and AEI-26 and to the east of the former tank pit as demonstrated by grab groundwater samples collected from borings GP3 (April 2008) and AEI-27 in (January 2012) (Tables 6 to 8). Groundwater impacts are also well defined to the northwest as demonstrated by analysis of groundwater samples collected from monitoring wells MW-4 and MW-5 (Table 9). No separate phase hydrcarobons are present at the site.	Figure 5; Tables 6, 7, 8, 9.	Grab groundwater samples collected from temporary borings AEI-21, AEI-22 and AEI-23 in January 2012, suggest that the extent of impacts are not completely defined west and southwest of the former UST locations. Additionally, although recent data from monitoring well MW-1 show lower concentrations of gasoline range hydrocarbons (Table 9), historic grab groundwater samples collected in April 2008, from GP-1, GP-4, GP-5 and from EB-5 in October 1993, suggest that significant hydrocarbons in groundwater may exist to the north and northeast of the former UST tank pit.	Install four (4) additional groundwater monitoring wells and use existing well DPE-6 for groundwater monitoring. Well locations will be chosen to provide lateral definition of the dissolved hydrocarbon plume and will include at least one well to monitor groundwater conditions in the plume core.
	Impacts in Vapor Phase	Soil vapor sample analysis from three soil gas probes (VP-1 to VP-3) located immediately adjacent to the release area did not detect volatile gasoline constituents (TPH-g, MTBE, BTEX) in May or July 2012. This suggests that the potential for vapor intrusion into future commercial structures is minimal.	Table 10	Further monitoring is required by ACEH to assess vapor phase volatile constituents.	Additional soil gas monitoring and analyses for volatile constituents and atmospheric gases to assess extent and attenuation of vapor phase constituents in the shallow vadose zone.
Migration Pathways	Preferential Pathways / Conduits	A conduit study was conducted for the major underground utilities near the site (See Subsurface Investigation and Well Installation Report, 3/30/12) and a previous but incomplete study was provided in a correspondence dated June 6, 2008 from Blymar Engineers, Inc. Information regarding the utilities was obtained from multiple sources. With the exception of the sanitary sewer in the center of Park St, all other underground utilities did not intersect the water table and are not preferential conduits to dissolved phase plume migration. All existing onsite utilities have been recently removed or will be removed prior to development. Information about the sanitary sewer lines was provided by the APWD. The maps provided by the APWD indicate that a 10-inch sanitary sewer line runs along the middle of Park Street and that the line is between 10.3 and 11.3 feet deep. The depth to water in the groundwater monitoring wells has generally ranged from approximately 7.5 to 9.5 feet bgs. As such, it appears that only the 10-inch sanitary sewer line which runs along the middle of Park Street may intersect groundwater at the site. Wells MW-4 and MW-5 are located between the site release area and the sanitary sewer line. During the most recent groundwater monitoring in May 2012, all constituents (TPH-g, TPH-d, TPH-mo, MTBE and BTEX) were all reported as non-detect with the exception of 120 µg/L of TPH-g in MW-5. This suggests that significant petroleum mass (i.e. free phase product) has not intersected the sewer line. Although low dissolved phase concentrations may have intersected the sewer line in the past, with minor plume deflection resulting, the low concentrations detected in MW-4 and MW-5 suggests that any such deflection would not be materially significant. Therefore the sewer line is not considered a preferential pathway of concern.	March 30, 2012 Subsurface Investigation and Well Installation Report: Section 8.0, Figure 8	None	n/a
Potential Receptors & Risks	On Site	Potable water is and will be provided by municipal sources for the foreseeable future, therefore direct contact with groundwater is not considered. Potential receptors at the site could include: -future commercial use occupants via vapor intrusion -future construction workers via direct contact with soil, groundwater, or vapors -future maintenance / construction workers via direct contact with soil or vapors	n/a	Risk to onsite receptors is not known.	Human health risks will be evaluated based upon further groundwater and soil gas monitoring. Mitigation measures will be recommended, as needed, during construction.
	Off Site	Potential offsite receptors could include nearby water producing wells, if present (none identified)	n/a	Likelihood of threat to offsite receptors is minimal.	Human health risks will be evaluated based upon further groundwater and soil gas monitoring.



SITE LOCATION MAP

1600-1650 Park Street

Alameda, California 94501

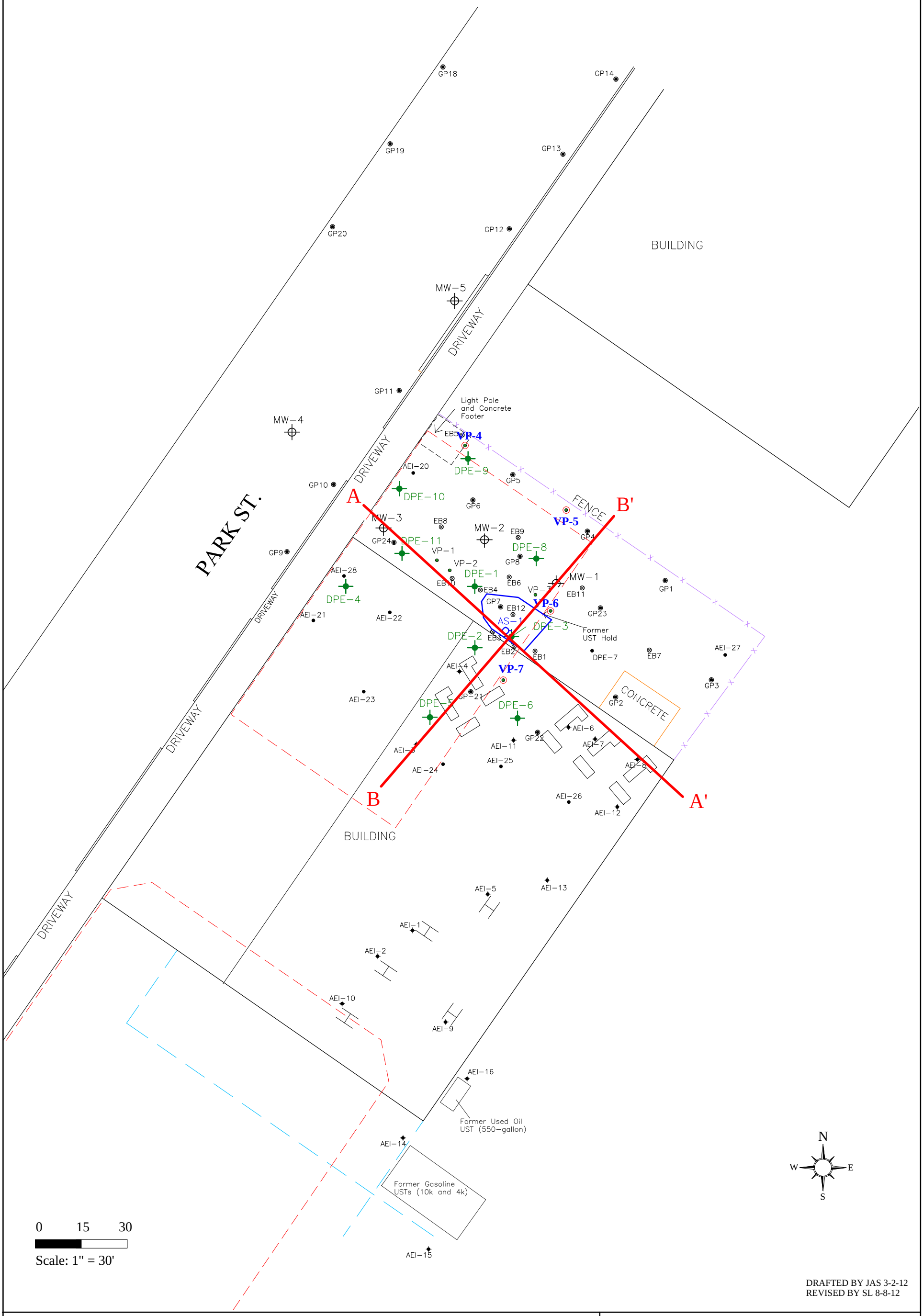
N

FIGURE 1

Source: USGS

Project Number: 298931

AEI Consultants



DRAFTED BY JAS 3-2-12
REVISED BY SL 8-8-12

LEGEND

- Proposed Building Extents
- Existing Hydraulic Lift
- Former Hydraulic Lift
- Groundwater Monitoring Well
- Remediation Well (12/11 and 1/12)
- AEI Soil Boring (1/12)
- Vapor Probe (12/11)
- AEI Soil Boring (7/11)
- Soil Boring (4/08)
- Soil Boring (1/97)
- Air Sparge Well
- A - A' Cross Section Line

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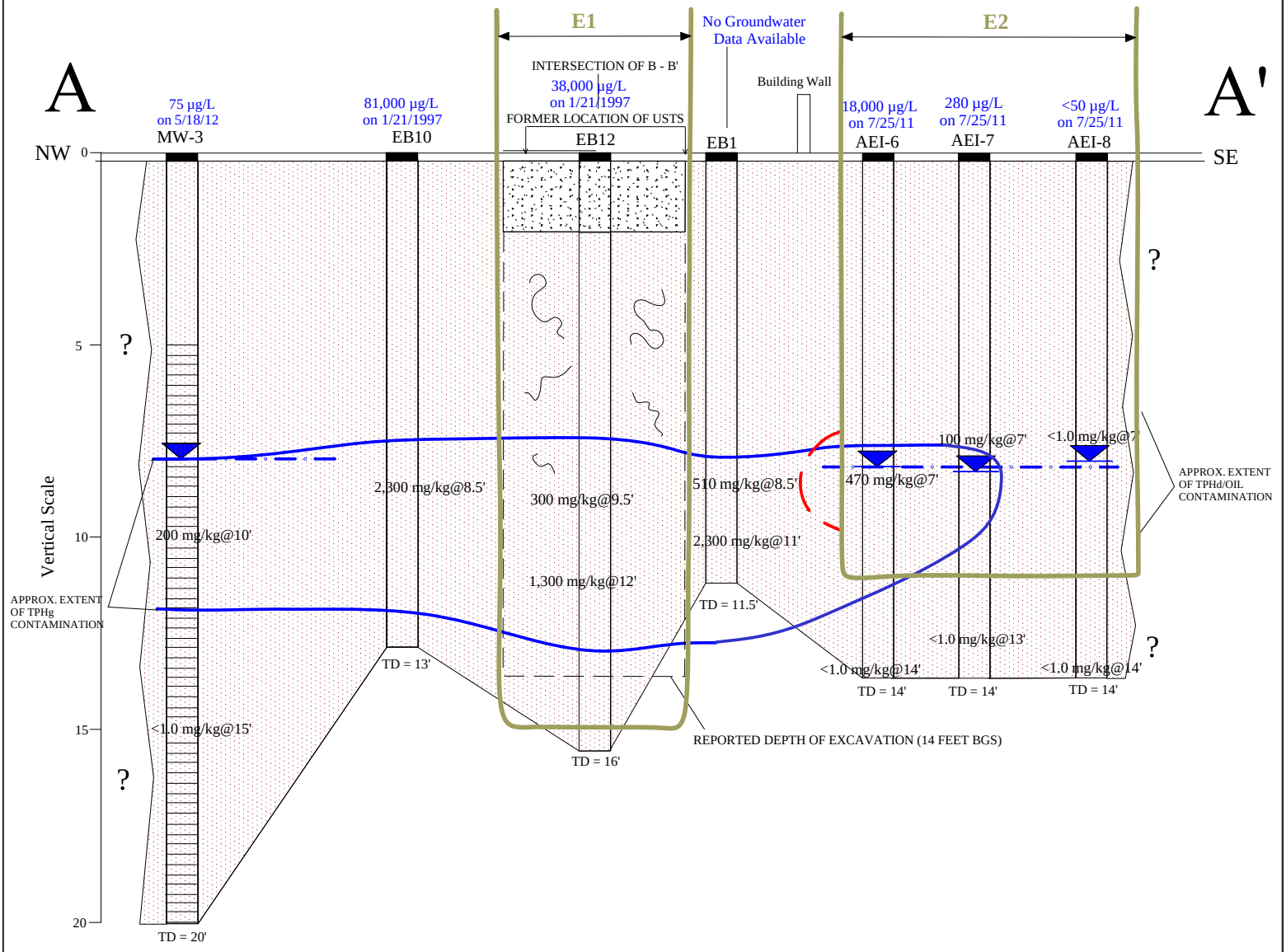
2500 CAMINO DIABLO, WALNUT CREEK

SITE PLAN

1630 PARK STREET
ALAMEDA, CALIFORNIA

FIGURE 2
PROJECT NO. 298931



Legend:

- Sand (with varying amounts of silt)
- Sandy Gravel
- Groundwater Level (static)
- Approx. Extent of TPHd/Oil Contamination
- Area Excavated (Oct. 2012)
- Approx. Extent of TPHg Contamination
- Plastic Debris
- 610 µg/L — TPH-g Concentration in Groundwater

Notes:
Static water levels not reported in "EB" borings
Borings not available for "GP" borings advanced in 2008
TD = Total Depth

* Soil TPHg Data from 1987 to 2011

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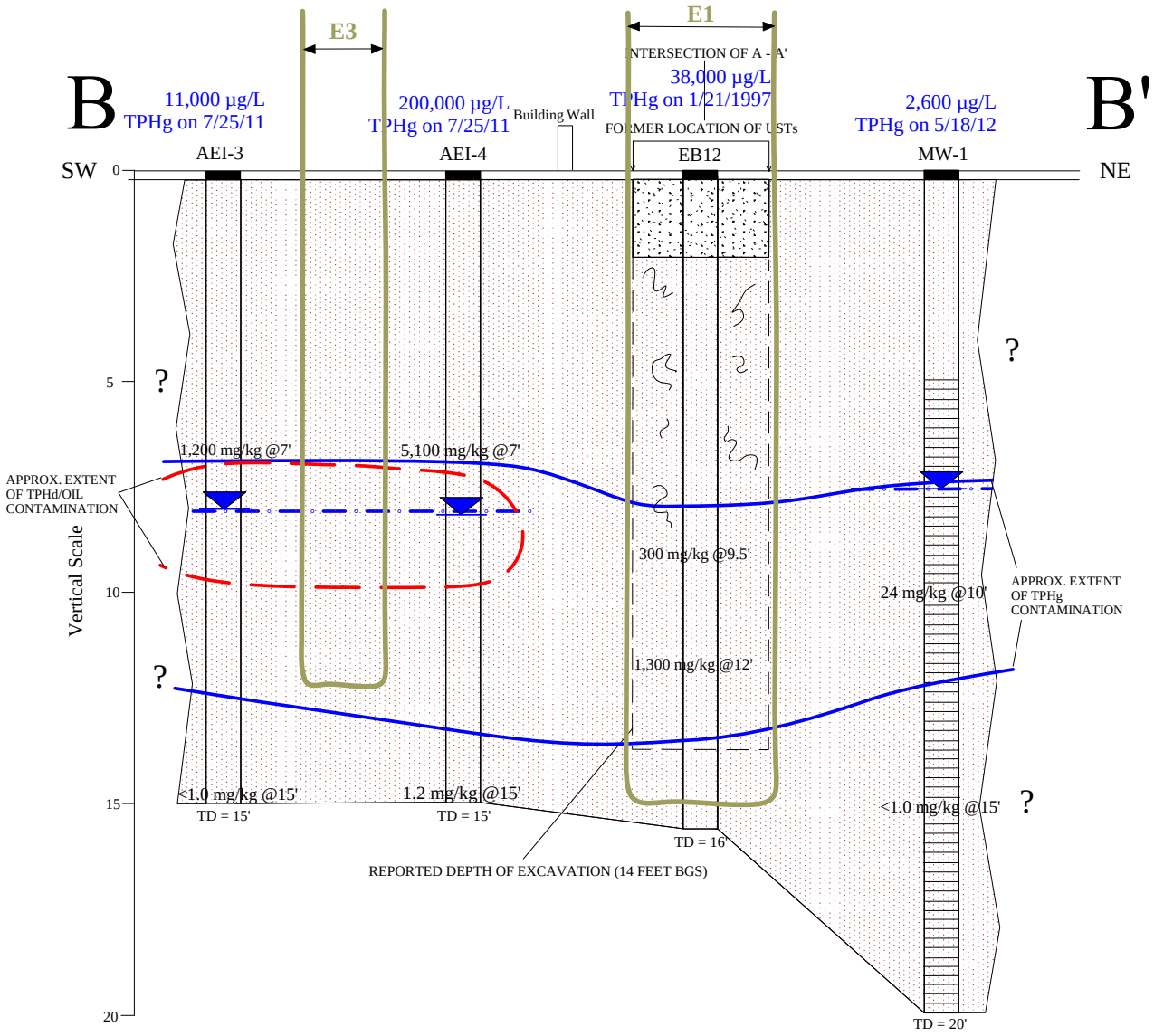
2500 CAMINO DIABLO, STE. 100, WALNUT CREEK, CA

A - A' Fence Diagram

1630 Park Street
Alameda, CA

Figure 3
PROJECT NO. 298931



Legend:

- Sand (with varying amounts of silt)
- Sandy Gravel
- Groundwater Level (static)
- Approx. Extent of TPHd/Oil Contamination
- Area Excavated (Oct. 2012)
- Approx. Extent of TPHg Contamination
- Plastic Debris
- 610 µg/L — TPH-g Concentration in Groundwater

Notes:
Static water levels not reported in "EB" borings
Borings not available for "GP" borings advanced in 2008
TD = Total Depth

* Soil TPHg Data from 1987 to 2011

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2500 CAMINO DIABLO, STE. 100, WALNUT CREEK, CA

B - B' Fence Diagram

1630 Park Street
Alameda, CA

Figure 4
PROJECT NO. 298931

N
W E
S

BUILDING

PARK ST.

DRIVEWAY

DRIVEWAY

DRIVEWAY

FENCE

Former UST Hold

MW–5
TPHg - ND
TPHd - ND
TPHmo - ND
B - ND
T - ND
E - ND
X - ND

MW–4
TPHg - ND
TPHd - ND
TPHmo - ND
B - ND
T - ND
E - ND
X - ND

TPHg - 360
TPHd - 160
TPHmo - ND
B - 40
T - ND
E - ND
X - ND

DPE–9
TPHg - 1,300
TPHd - 680
TPHmo - ND
B - 47
T - 3.1
E - 4.0
X - 100

TPHg - 930
TPHd - 270
TPHmo - ND
B - 170
T - ND
E - 24
X - 9.3

DPE–10
TPHg - 78
TPHd - ND
TPHmo - ND
B - 1.4
T - 0.66
E - ND
X - 5.5

MW–3

DPE–11

MW–2
TPHg - 2,300
TPHd - 860
TPHmo - ND
B - 240
T - 15
E - 98
X - 88

DPE–8

DPE–1

MW–1
TPHg - 2,700
TPHd - 700
TPHmo - ND
B - 190
T - 8.1
E - 100
X - 230

DPE–4
TPHg - ND
TPHd - ND
TPHmo - ND
B - ND
T - ND
E - ND
X - ND

TPHg - 2,400
TPHd - 1,600
TPHmo - ND
B - 16
T - ND
E - 14
X - 57

AS–1

DPE–3

DPE–2

TPHg - 2,400
TPHd - 720
TPHmo - ND
B - 330
T - 19
E - 10
X - 130

DPE–5
TPHg - 2,600
TPHd - 400
TPHmo - ND
B - 300
T - 12
E - 45
X - 390

DPE–6
TPHg - ND
TPHd - ND
TPHmo - ND
B - 0.93
T - ND
E - ND
X - ND

BUILDING

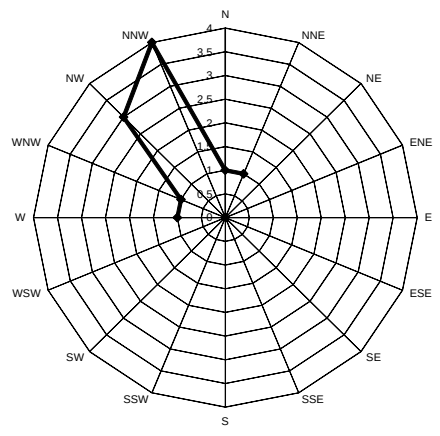
0 10 20
Scale: 1" = 20'

TPHg = Total Petroleum Hydrocarbons as Gasoline
TPHd = Total Petroleum Hydrocarbons as Diesel
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
NA = Not available
All results in micrograms per liter (ppb)

Historical Shallow Zone Groundwater Flow Direction for Former Good Chevrolet, 1630 Park Street, Alameda, CA

Number of monitoring events in which groundwater was reported to flow in a particular direction.

Groundwater Flow Direction



LEGEND

- Underground Natural Gas Line (3 to 4 feet bgs)
- Underground Water Line (3 feet bgs)
- Underground Electric Line (3 feet bgs)
- Underground Sanitrary Sewer Line (10.3 to 11.3 feet bgs)
- Remediation (DPE) Well
- Groundwater Monitoring Well
- AEI Soil Boring

DRAFTED BY JAS 3-9-12
REVISED BY STL 10-17-12

AEI CONSULTANTS
2500 CAMINO DIABLO, WALNUT CREEK

GROUNDWATER ANALYTICAL DATA - JULY 2012

1630 PARK STREET
ALAMEDA, CALIFORNIA

FIGURE 5
PROJECT NO. 298931

TABLES

Table 1

Well Construction Details

AEI Project No. 298931, 1630 Park Street, Alameda, California

Well ID Number	Well Installation Date	Elevation TOC (feet)	Casing Material	Total Depth (feet)	Well Depth (feet)	Borehole Diameter (inches)	Casing Diameter (inches)	Screened Interval (feet)	Slot Size (inches)	Filter Pack Interval (feet)	Filter Pack Material
AS-1	11/14/2011	-	PVC	25	25	8	2	20 - 25	0.02	20 - 25	#3 Sand
DPE-1	11/15/2011	25.88	PVC	16	15	10	4	7 - 15	0.01	6.5 - 16	#2/12 Sand
DPE-2	11/15/2011	26.22	PVC	16	15	10	4	7 - 15	0.01	6.5 - 16	#2/12 Sand
DPE-3	11/14/2011	25.27	PVC	16	14	10	4	7 - 14	0.01	6.5 - 16	#2/12 Sand
DPE-4	1/19/2012	26.06	PVC	17	17	10	4	8 - 17	0.01	7.5 - 17	#2/12 Sand
DPE-5	1/20/2012	26.25	PVC	18	18	10	4	8 - 18	0.01	7.5 - 18	#2/12 Sand
DPE-6	1/20/2012	26.13	PVC	18	18	10	4	8 - 18	0.01	7.5 - 18	#2/12 Sand
DPE-8	1/20/2012	25.36	PVC	18	18	10	4	8 - 18	0.01	7.5 - 18	#2/12 Sand
DPE-9	1/20/2012	25.09	PVC	18	18	10	4	8 - 18	0.01	7.5 - 18	#2/12 Sand
DPE-10	1/20/2012	25.14	PVC	17	17	10	4	8 - 17	0.01	7.5 - 17	#2/12 Sand
DPE-11	1/20/2012	25.57	PVC	18	18	10	4	8 - 18	0.01	7.5 - 18	#2/12 Sand
MW-1	1/15/1987	25.37	PVC	-	20	8	2	5 - 20	-	-	-
MW-2	1/15/1987	25.48	PVC	-	20	8	2	5 - 20	-	-	-
MW-3	1/15/1987	25.13	PVC	-	20	8	2	5 - 20	-	-	-
MW-4	4/20/1994	25.58	PVC	-	23	8	2	8 - 23	-	-	-
MW-5	4/20/1994	24.31	PVC	-	22	8	2	7 - 22	-	-	-
VP-1	12/6/2011	-	Poly/SS	6	6	1.25	1/4	5.1 - 5.6	Mesh	4.7 - 6	#30 Mesh Sand
VP-2	12/6/2011	-	Poly/SS	5.9	5.9	1.25	1/4	5.1-5.6	Mesh	4.7-5.9	#30 Mesh Sand
VP-3	12/6/2011	-	Poly/SS	5.75	5.75	1.25	1/4	5.1-5.6	Mesh	4.7-5.75	#30 Mesh Sand

PVC = polyvinyl chloride
Poly/SS = Polyethelene tubing with stainless-steel tip
TOC = top of casing
"-" = not available

Table 2
Groundwater Elevation Data
AEI Project No. 298931, 1600-1630 Park Street, Alameda, CA

Well ID (Screen Interval)	Date Collected	Well Elevation *(ft amsl*)*	Depth to Water *(ft)*	Groundwater Elevation *(ft amsl*)*
MW-1 (5 - 20 feet bgs)	Jul-89	104.76	8.93	95.83
	Apr-91		7.59	97.17
	Jul-92		8.72	96.04
	Aug-92		9.09	95.67
	Sep-92		9.25	95.51
	Oct-92		9.34	95.42
	Nov-92		9.21	95.55
	Dec-92		9.26	95.50
	Jan-93		7.81	96.95
	Feb-93		7.32	97.44
	Mar-93		7.20	97.56
	Apr-93		7.31	97.45
	May-93		8.29	96.47
	Jul-93		8.30	96.46
	Oct-93		9.38	95.38
	Jan-94		8.80	95.96
	Apr-94		8.15	96.61
	Jul-94		8.70	96.06
	Oct-94		9.37	95.39
	Jan-94		7.18	97.58
	Apr-95		6.76	98.00
	Jan-97		7.03	97.73
	Nov-98		8.10	96.66
	Jan-01		7.70	97.06
	Jun-02		7.30	97.46
	Nov-02		8.14	96.62
	Feb-03		6.87	97.89
	Jun-03		7.05	97.71
	Apr-08	25.42	7.13	18.29
	Jun-11	25.42	7.54	17.88
	Dec-11	25.37	8.02	17.35
	Jan-12	25.37	8.08	17.29
	May-12	25.37	6.87	18.50
	Jul-12	25.37	7.34	18.03
MW-2 (5 - 20 feet bgs)	Jul-89	104.86	9.24	95.62
	Apr-91		8.01	96.85
	Jul-92		9.03	95.83
	Aug-92		9.34	95.52
	Sep-92		9.46	95.40
	Oct-92		9.52	95.34
	Nov-92		9.42	95.44
	Dec-92		9.47	95.39
	Jan-93		8.25	96.61
	Feb-93		7.85	97.01
	Mar-93		7.77	97.09
	Apr-93		7.86	97.00
	May-93		8.20	96.66
	Jul-93		8.72	96.14
	Oct-93		9.64	95.22
	Jan-94		9.12	95.74
	Apr-94		8.56	96.30
	Jul-94		9.02	95.84
	Oct-94		9.59	95.27
	Jan-94		7.71	97.15
	Apr-95		7.40	97.46
	Jan-97		7.55	97.31
	Nov-98		8.49	96.37
	Jan-01		8.08	96.78
	Jun-02		7.77	97.09
	Nov-02		8.50	96.36
	Feb-03		7.38	97.48
	Jun-03		7.57	97.29

Table 2
Groundwater Elevation Data
AEI Project No. 298931, 1600-1630 Park Street, Alameda, CA

Well ID (Screen Interval)	Date Collected	Well Elevation *(ft amsl*)*	Depth to Water *(ft)*	Groundwater Elevation *(ft amsl*)*
MW-2 (continued)	Apr-08	25.52	7.67	17.85
	Jun-11	25.52	7.35	18.17
	Dec-11	25.48	8.41	17.07
	Jan-12	25.48	8.43	17.05
	May-12	25.48	7.41	18.07
	Jul-12	25.48	7.83	17.65
MW-3	Jul-89	104.52	9.00	95.52
(5 - 20 feet bgs)	Apr-91		8.06	96.46
	Jul-92		8.82	95.70
	Aug-92		9.05	95.47
	Sep-92		9.09	95.43
	Oct-92		9.15	95.37
	Nov-92		9.05	95.47
	Dec-92		9.12	95.40
	Jan-93		8.18	96.34
	Feb-93		7.98	96.54
	Mar-93		7.94	96.58
	Apr-93		8.02	96.50
	May-93		7.69	96.83
	Jul-93		8.65	95.87
	Oct-93		9.32	NC
	Jan-94		8.93	NC
	Apr-94		8.52	96.00
	Jul-94		8.86	95.66
	Oct-94		9.25	95.27
	Jan-94		7.85	96.67
	Apr-95		7.64	96.88
	Jan-97		7.75	96.77
	Nov-98		8.38	96.14
	Jan-01		8.00	96.52
	Jun-02		7.81	96.71
	Nov-02		8.37	96.15
	Feb-03		7.48	97.04
	Jun-03		7.67	96.85
	Apr-08	25.17	7.74	17.43
	Jun-11	25.17	7.50	17.67
	Dec-11	25.13	8.25	16.88
	Jan-12	25.13	8.25	16.88
	May-12	25.13	7.64	17.49
	Jul-12	25.13	7.97	17.16
MW-4	Apr-94	104.86	9.29	95.57
(8 - 23 feet bgs)	Jul-94		9.55	95.31
	Oct-94		9.83	95.03
	Jan-94		8.88	95.98
	Apr-95		8.80	96.06
	Jan-97		-	-
	Nov-98		-	-
	Jan-01		-	-
	Jun-02		-	-
	Nov-02		-	-
	Feb-03		-	-
	Jun-03		-	-
	Apr-08	25.53	8.73	16.80
	Jun-11	25.53	8.52	17.01
	Dec-11	25.58	-	-
	Jan-12	25.58	-	-
	May-12	25.58	8.96	16.62
	Jul-12	25.58	9.26	16.32
MW-5	Apr-94	103.62	8.27	95.35
(7 - 22 feet bgs)	Jul-94		8.50	95.12
	Oct-94		8.92	94.70
	Jan-94		7.61	96.01
	Apr-95		8.48	95.14

Table 2
Groundwater Elevation Data
AEI Project No. 298931, 1600-1630 Park Street, Alameda, CA

Well ID (Screen Interval)	Date Collected	Well Elevation *(ft amsl*)*	Depth to Water *(ft)*	Groundwater Elevation *(ft amsl*)*
MW-5 (continued)	Jan-97		6.79	96.83
	Nov-98		8.12	95.50
	Jan-01		7.67	95.95
	Jun-02		7.61	96.01
	Nov-02		8.01	95.61
	Feb-03		7.22	96.40
	Jun-03		7.43	96.19
	Apr-08	24.31	7.36	16.95
	Jun-11	24.31	7.43	16.88
	Dec-11	24.32	-	-
	Jan-12	24.32	-	-
	May-12	24.32	7.46	16.86
	Jul-12	24.32	7.76	16.56
DPE-1	Dec-11	25.88	8.81	17.07
(7 - 15 feet bgs)	Jan-12	25.88	8.78	17.10
	May-12	25.88	7.72	18.16
	Jul-12	25.88	8.13	17.75
DPE-2	Dec-11	26.22	9.29	16.93
(7 - 15 feet bgs)	Jan-12	26.22	7.97	18.25
	May-12	26.22	7.89	18.33
	Jul-12	26.22	8.26	17.96
DPE-3	Dec-11	25.27	7.92	17.35
(7 - 15 feet bgs)	Jan-12	25.27	8.98	16.29
	May-12	25.27	6.75	18.52
	Jul-12	25.27	7.20	18.07
DPE-4	Jan-12	26.06	9.11	16.95
(8-17 feet bgs)	May-12	26.06	8.59	17.47
	Jul-12	26.06	8.84	17.22
DPE-5	Jan-12	26.25	-	-
(8-18 feet bgs)				
DPE-6	Jan-12	26.13	8.58	17.55
(8-18 feet bgs)	May-12	26.13	7.43	18.70
	Jul-12	26.13	7.83	18.30
DPE-8	Jan-12	25.36	-	-
(8-18 feet bgs)				
DPE-9	Jan-12	25.09	8.12	16.97
(8-18 feet bgs)	Jul-12	25.09	7.81	17.28
DPE-10	Jan-12	25.14	-	-
(8-17 feet bgs)	May-12	25.14	7.73	17.41
	Jul-12	25.14	8.09	17.05
DPE-11	Jan-12	25.57	-	-
(8-18 feet bgs)	May-12	25.57	7.90	17.67
	Jul-12	25.57	-	-
Average depth to water	Dec-11		8.45	
	Jan-12		8.48	
	May-12		7.70	
	Jul-12		8.03	

ft amsl *= feet above mean sea level. Note: Data before 2008 are based on a fictitous 100 ft datum.
All water level depths are measured from the top of casing
"-" = not measured
bgs = below ground surface

Table 3

Soil Sample Analytical Data
TPH, MBTEX and POG
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	Approx. Depth (feet)	TPH-g (mg/kg)	TPH-d* (mg/kg)	TPH-mo* (mg/kg)	MTBE (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	POG (mg/kg)
						EPA Method SW8021B/8015B/m					EPA Method SM5520E/F
MW-1-10	1/15/1987	10	24	-	-	-	2.9	3.6	-	1.8	-
MW-1-15	1/15/1987	15	<1.0	-	-	-	<0.1	<0.1	-	<0.1	-
MW-2-5	1/15/1987	5	<1.0	-	-	-	<0.1	<0.1	-	<0.1	-
MW-2-10	1/15/1987	10	350	-	-	-	14	22	-	23	-
MW-3-10	1/15/1987	10	200	-	-	-	9.8	16	-	16	-
MW-3-15	1/15/1987	15	<1.0	-	-	-	<0.1	<0.1	-	<0.1	-
SB-5-10	1/15/1987	10	6.5	-	-	-	<0.1	0.22	-	<0.1	-
EB1-S2	10/15/1993	8.5	510	-	-	-	0.89	10	5.8	41	-
EB1-S3	10/15/1993	11	2,300	-	-	-	22	190	57	280	-
EB2-2S	10/15/1993	10	15,000	-	-	-	84	710	260	1,400	-
EB2-S3	10/15/1993	11.5	200	-	-	-	4.3	15	3.9	20	-
EB3-S2	10/15/1993	10	2,200	-	-	-	9.4	71	42	200	-
EB3-S3	10/15/1993	12.5	610	-	-	-	1.2	3.2	4.5	2.9	-
EB4-S2	10/15/1993	8	4,900	-	-	-	32	230	84	440	-
EB4-S3	10/15/1993	10.5	7,600	-	-	-	60	390	130	630	-
EB5-S2	10/15/1993	9	1,800	-	-	-	<2.5	22	27	140	-
EB5-S3	10/15/1993	11.5	14	-	-	-	0.021	1.5	0.49	2.5	-
EB6-S2	10/15/1993	8.5	6,800	-	-	-	20	230	100	590	-
EB7-S2	10/15/1993	6.5	<50	-	-	-	<0.5	<0.5	<0.5	<0.5	-
EB7-S3	10/15/1993	8.5	1,000	-	-	-	3.8	45	21	110	-
MW4-S1	4/20/1994	4.5	<50	-	-	-	<0.5	<0.5	<0.5	0.013	-
MW4-S2	4/20/1994	9	9.7	-	-	-	1.1	0.82	0.42	1.3	-
MW4-S3	4/20/1994	14	<50	-	-	-	<0.5	0.008	<0.5	0.022	-
MW5-S1	4/20/1994	4.5	<50	-	-	-	<0.5	<0.5	<0.5	<0.5	-
MW5-S2	4/20/1994	9	1,100	-	-	-	12	43	20	93	-
MW5-S3	4/20/1994	14	1.1	-	-	-	0.033	0.17	0.044	0.22	-
EB8-S2	1/21/1997	9.5	2,000	-	-	<4	8.4	83	44	210	-
EB8-S3	1/21/1997	13.5	18	-	-	0.10	3.2	1.2	0.47	1.7	-
EB9-S1	1/21/1997	6.5	1.8	-	-	<5	0.071	0.052	0.026	0.074	-
EB9-S2	1/21/1997	9.5	1,300	-	-	<4	7.1	54	29	130	-
EB10-S1	1/21/1997	8.5	2,300	-	-	9.3	9.1	100	50	190	-
EB11-S1	1/21/1997	9.5	3,800	-	-	<9	8.8	190	97	510	-
EB11-S2	1/21/1997	12	13	-	-	<0.1	1.1	1.6	0.47	1.4	-

Table 3

Soil Sample Analytical Data
TPH, MBTEX and POG
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	Approx. Depth (feet)	TPH-g (mg/kg)	TPH-d* (mg/kg)	TPH-mo* (mg/kg)	MTBE (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	POG (mg/kg)
						EPA Method SW8021B/8015B/m					EPA Method SM5520E/F
EB12-S1	1/21/1997	9.5	300	-	-	<0.6	0.95	0.59	3.5	18	-
EB12-S2	1/21/1997	12	1,300	-	-	6.2	9.4	23	35	130	-
GP1-11.5	4/29/2008	11.5	130	-	-	<0.005	<0.10	0.29	<0.10	0.42	-
GP1-15	4/29/2008	15	<1.0	-	-	<0.005	<0.005	0.0081	0.0065	0.028	-
GP2-11	4/29/2008	11	120	-	-	<0.010	<0.050	0.87	0.43	1.2	-
GP2-13.5	4/29/2008	13.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP3-6.75	4/29/2008	6.75	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP3-11.5	4/29/2008	11.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP4-11.5	4/29/2008	11.5	2.7	-	-	<0.005	0.14	0.052	0.072	0.17	-
GP4-14.5	4/29/2008	14.5	99	-	-	<0.020	0.48	1.4	1.0	4.5	-
GP5-11.5	4/29/2008	11.5	4.6	-	-	<0.005	0.12	0.078	0.14	0.48	-
GP5-19	4/29/2008	19	1.5	-	-	<0.005	<0.005	0.022	0.0069	0.032	-
GP6-11	4/29/2008	11	130	-	-	<0.10	0.11	1.0	1.1	5.4	-
GP7-8	4/30/2008	8	390	-	-	<0.050	0.84	2.2	4.3	18	-
GP7-19.5	4/30/2008	19.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP8-8.5	5/1/2008	8.5	1,100	-	-	<0.050	<0.10	3.2	7.3	45	-
GP8-19.5	5/1/2008	19.5	5.8	-	-	<0.005	0.0091	0.067	0.048	0.21	-
GP9-7.5	5/1/2008	7.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP9-11.25	5/1/2008	11.25	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP10-7.5	4/30/2008	7.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP10-19.5	4/30/2008	19.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP11-6	4/30/2008	6	<1.0	-	-	<0.005	<0.005	0.011	0.0053	0.026	-
GP11-15.5	4/30/2008	15.5	2,100	-	-	<0.10	5.7	71	38	180	-
GP11-18	4/30/2008	18	87	-	-	<0.020	0.059	0.93	0.67	4.2	-
GP12-7.5	4/30/2008	7.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP12-11	4/30/2008	11	4.7	-	-	<0.005	0.015	0.21	0.067	0.32	-
GP12-15.5	4/30/2008	15.5	<1.0	-	-	<0.005	<0.005	0.0071	0.0051	0.025	-
GP13-7.25	4/30/2008	7.25	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP13-11	4/30/2008	11	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP13-14	4/30/2008	14	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP14-7.5	4/30/2008	7.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP14-11	4/30/2008	11	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP15-7.5	4/30/2008	7.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP16-7.5	5/1/2008	7.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP16-10.5	5/1/2008	10.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-

Table 3

Soil Sample Analytical Data
TPH, MBTEX and POG
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	Approx. Depth (feet)	TPH-g (mg/kg)	TPH-d* (mg/kg)	TPH-mo* (mg/kg)	MTBE (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	POG (mg/kg)
						EPA Method SW8021B/8015B/m					EPA Method SM5520E/F
GP17-7.5	5/1/2008	7.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP17-11.5	5/1/2008	11.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP18-7.5	5/1/2008	7.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP18-10	5/1/2008	10	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP19-7	5/1/2008	7	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP20-8	5/1/2008	8	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP21-7.5	5/2/2008	7.5	2.1	-	-	<0.005	0.006	0.028	0.012	0.065	-
GP21-15.5	5/2/2008	15.5	<1.0	-	-	<0.005	0.0064	0.022	0.0057	0.027	-
GP21-19.5	5/2/2008	19.5	<1.0	-	-	<0.005	<0.005	0.0092	<0.005	0.023	-
GP22-10.5	5/2/2008	10.5	1,100	-	-	<0.20	0.67	13	15	70	-
GP22-15.5	5/2/2008	15.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP23-7.5	5/2/2008	7.5	53	-	-	<0.005	<0.050	0.13	<0.050	0.37	-
GP23-11.5	5/2/2008	11.5	1.9	-	-	<0.005	0.062	0.041	0.043	0.18	-
GP23-16	5/2/2008	16	2	-	-	<0.005	<0.005	0.027	0.018	0.099	-
GP24-8.5	5/2/2008	8.5	3,600	-	-	<1.0	1.2	32	62	410	-
GP24-19.5	5/2/2008	19.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
AEI-3-7'	7/25/2011	7	1,200	1,700	4,000	<10	2.6	25	10	48	-
AEI-3-15'	7/25/2011	15	<1.0	1.6	<5.0	<10	<0.005	<0.005	<0.005	<0.005	-
AEI-4-7'	7/25/2011	7	5,100	2,100	710	<50	6.2	83.0	54.0	280.0	-
AEI-4-15'	7/25/2011	15	1.2	1.3	<5.0	<0.05	0.029	0.071	0.031	0.17	-
AEI-6-7'	7/25/2011	7	470	10,000	24,000	<5.0	<0.50	<0.50	<0.50	<0.50	-
AEI-6-14'	7/25/2011	14	<1.0	1.4	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	-
AEI-7-7'	7/25/2011	7	100	6,300	14,000	-	-	-	-	-	-
AEI-7-13'	7/25/2011	13	<1.0	3.7	7.4	<5.0	<0.50	<0.50	<0.50	<0.50	-
AEI-8-7'	7/25/2011	7	<1.0	720	2,900	-	-	-	-	-	-
AEI-8-14'	7/25/2011	14	<1.0	<1.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	-
AEI-10-8'	7/26/2011	8	<1.0	1.2	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	-
AEI-11-3'	7/26/2011	3	<1.0	2.2	8.5	-	-	-	-	-	-
AEI-12-3'	7/26/2011	3	<1.0	2.6	<5.0	-	-	-	-	-	-
AEI-13-3'	7/26/2011	3	<1.0	4.2	<5.0	-	-	-	-	-	-
AEI-14-7'	7/26/2011	7	<1.0	-	-	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-15-7'	7/26/2011	7	<1.0	-	-	<0.05	<0.005	<0.005	<0.005	<0.005	-

Table 3

Soil Sample Analytical Data
TPH, MBTEX and POG
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	Approx. Depth (feet)	TPH-g (mg/kg)	TPH-d* (mg/kg)	TPH-mo* (mg/kg)	MTBE (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	POG (mg/kg)
						EPA Method SW8021B/8015B/m					EPA Method SM5520E/F
AEI-16-7'	7/26/2011	7	<1.0	1.4	<5.0	-				-	<50
AEI-17-8'	7/26/2011	8	<1.0	1.1	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-18-8'	7/26/2011	8	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-19-8'	7/26/2011	8	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-20-7.5'	1/17/2012	7.5	8.4	-	-	<0.05	0.0071	0.084	0.069	0.38	-
AEI-20-11'	1/17/2012	11	600	-	-	<0.50	0.89	2.9	10	39	-
AEI-20-15'	1/17/2012	15	3.3	-	-	<0.05	<0.005	0.028	<0.005	0.017	-
AEI-21-7'	1/17/2012	7	<1.0	-	-	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-21-11'	1/17/2012	11	46	-	-	<0.05	0.020	0.42	0.27	0.60	-
AEI-21-14'	1/17/2012	14	<1.0	-	-	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-22-9'	1/17/2012	9	3,100	-	-	<0.05	3.2	46	62	400	-
AEI-22-11'	1/17/2012	11	8.6	-	-	<0.10	0.71	0.77	0.31	1.3	-
AEI-22-14'	1/17/2012	14	3,300	-	-	<0.05	8.3	84	61	370	-
AEI-23-6'	1/17/2012	6	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-23-9.5'	1/17/2012	9.5	7.5	100	180	<0.05	<0.005	0.027	<0.005	0.0055	-
AEI-23-12.5'	1/17/2012	12.5	460	360	270	<5.0	<0.50	1.4	<0.50	0.80	-
AEI-24-7'	1/17/2012	7	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-24-10.5'	1/17/2012	10.5	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-24-13'	1/17/2012	13	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-25-7.5'	1/17/2012	7.5	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-25-10'	1/17/2012	10	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-25-14'	1/17/2012	14	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-26-7.5'	1/17/2012	7.5	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-26-10.5'	1/17/2012	10.5	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-26-14'	1/17/2012	14	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-27-3'	1/17/2012	3	<1.0	3.2	7.9	<0.05	<0.005	<0.005	<0.005	0.013	-
AEI-28-7'	1/17/2012	7	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-28-11'	1/17/2012	11	12,000	2,100	44	<10	21	210	210	1,000	-
AEI-28-13'	1/17/2012	13	7.8	2.0	<5.0	<0.05	0.050	0.29	0.31	1.4	-
DPE-1, 7-7.5'	11/15/2011	7	1,800	330	46	<50	9.7	64	29	150	-
DPE-2, 8-8.5'	11/15/2011	8	2,200	280	140	<15	7.6	57	34	170	-
DPE-3, 8-8.5'	11/14/2011	8	2,000	1,000	58	<50	6.7	48	47	240	-
DPE-5, 11'	1/20/2012	11	2,300	-	-	<10	15	99	33	140	-
DPE-5, 14'	1/20/2012	14	1.1	-	-	<0.05	<0.005	0.17	<0.005	0.016	-

Table 3

Soil Sample Analytical Data
TPH, MBTEX and POG
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	Approx. Depth (feet)	TPH-g (mg/kg)	TPH-d* (mg/kg)	TPH-mo* (mg/kg)	MTBE (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	POG (mg/kg)
						EPA Method SW8021B/8015B/m					EPA Method SM5520E/F
DPE-6, 10'	1/20/2012	10	510	-	-	<1.0	<0.10	0.14	0.47	0.96	-
DPE-6, 14'	1/20/2012	14	<1.0	-	-	<0.05	<0.005	<0.005	<0.005	<0.005	-
DPE-7, 10'	1/19/2012	10	2,200	-	-	<5.0	<5.0	16	47	240	-
DPE-7, 14.5'	1/19/2012	14.5	610	-	-	<5.0	<5.0	3.9	9.5	55	-
EB1-15'	10/22/2012	15	<1.0	-	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	
SW1-10'	10/22/2012	10	110	-	15	<1.0	<0.10	<0.10	<0.10	4.1	
WW1-11'	10/22/2012	11	7.1	-	<5.0	<0.05	0.0084	<0.005	0.013	0.17	
EW1-11.5'	10/22/2012	11.5	4.0	-	<5.0	<0.05	0.16	0.22	0.21	0.71	
NW1-12'	10/22/2012	12	8.6	-	<5.0	<0.05	0.18	0.40	0.35	1.5	
SEW2-9'	10/23/2012	9'	<1.0	-	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	
EB2-11.5'	10/23/2012	11.5'	<1.0	-	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	
EW2-9.5'	10/23/2012	9.5'	<1.0	-	23	<0.05	<0.005	<0.005	<0.005	<0.005	
NEW2-9.5'	10/23/2012	9.5'	<1.0	-	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	
CB2-11.5'	10/23/2012	11.5'	<1.0	-	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	
CSW2-9.5'	10/23/2012	9.5'	<1.0	-	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	
WB2-11.5'	10/23/2012	11.5'	<1.0	-	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	
SWW2-9.5'	10/23/2012	9.5'	<1.0	-	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	
WW2-9.5'	10/23/2012	9.5'	1,400	-	3,400	<5.0	<0.50	<0.50	42	180	
WW2-6.5'	10/23/2012	6.5'	<1.0	-	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	
NWW2-9.5'	10/23/2012	9.5'	<1.0	-	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	
CNW2-9.5'	10/23/2012	9.5'	<1.0	-	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	
CB3-12.5'	10/29/2012	12.5'	<1.0	-	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	
SEW-10'	10/29/2012	10'	4,500	-	8,100	<25	31	270	100	460	
NWW-10'	10/29/2012	10'	7,600	-	3,500	<50	54	410	150	680	
NEW-10.5'	10/29/2012	10.5'	2,800	-	3,800	<5.0	28	180	65	290	
SWW-10'	10/29/2012	10'	2,000	-	14,000	<5.0	20	110	33	100	

mg/kg = milligrams per kilogram (equivalent to parts per million)
MDL = method detection limit
TPH = total petroleum hydrocarbons
TPH-g = TPH as gasoline
TPH-d = TPH as diesel
TPH-mo = TPH as motor oil
POG = petroleum oil and grease
MTBE = methyl butyl tertiary ethyl
"<" = less than
"*" = with silica gel cleanup
"-" = not available

Table 4

Soil Sample Analytical Data
VOCs, Fuel Oxygenates, SVOCs, and PCBs
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	Approx. Depth (feet)	1,4-Dioxane (mg/kg) EPA Method SW8260	All target VOCs (mg/kg) EPA Method SW8260	Fuel Oxygenates^ (mg/kg) EPA Method SW8260B	All target SVOCs (mg/kg) EPA Method 8270	All other target PCBs (mg/kg) EPA Method SW8082
GP1-11.5	4/29/2008	11.5	-	-	<MDL	-	-
GP1-15	4/29/2008	15	-	-	<MDL	-	-
GP2-11	4/29/2008	11	-	-	<MDL	-	-
GP2-13.5	4/29/2008	13.5	-	-	<MDL	-	-
GP3-6.75	4/29/2008	6.75	-	-	<MDL	-	-
GP3-11.5	4/29/2008	11.5	-	-	<MDL	-	-
GP4-11.5	4/29/2008	11.5	-	-	<MDL	-	-
GP4-14.5	4/29/2008	14.5	-	-	<MDL	-	-
GP5-11.5	4/29/2008	11.5	-	-	<MDL	-	-
GP5-19	4/29/2008	19	-	-	<MDL	-	-
GP6-11	4/29/2008	11	-	-	<MDL	-	-
GP7-8	4/30/2008	8	-	-	<MDL	-	-
GP7-19.5	4/30/2008	19.5	-	-	<MDL	-	-
GP8-8.5	5/1/2008	8.5	-	-	<MDL	-	-
GP8-19.5	5/1/2008	19.5	-	-	<MDL	-	-
GP9-7.5	5/1/2008	7.5	-	-	<MDL	-	-
GP9-11.25	5/1/2008	11.25	-	-	<MDL	-	-
GP10-7.5	4/30/2008	7.5	-	-	<MDL	-	-
GP10-19.5	4/30/2008	19.5	-	-	<MDL	-	-
GP11-6	4/30/2008	6	-	-	<MDL	-	-
GP11-15.5	4/30/2008	15.5	-	-	<MDL	-	-
GP11-18	4/30/2008	18	-	-	<MDL	-	-
GP12-7.5	4/30/2008	7.5	-	-	<MDL	-	-
GP12-11	4/30/2008	11	-	-	<MDL	-	-
GP12-15.5	4/30/2008	15.5	-	-	<MDL	-	-
GP13-7.25	4/30/2008	7.25	-	-	<MDL	-	-
GP13-11	4/30/2008	11	-	-	<MDL	-	-
GP13-14	4/30/2008	14	-	-	<MDL	-	-
GP14-7.5	4/30/2008	7.5	-	-	<MDL	-	-
GP14-11	4/30/2008	11	-	-	<MDL	-	-
GP15-7.5	4/30/2008	7.5	-	-	<MDL	-	-
GP16-7.5	5/1/2008	7.5	-	-	<MDL	-	-
GP16-10.5	5/1/2008	10.5	-	-	<MDL	-	-
GP17-7.5	5/1/2008	7.5	-	-	<MDL	-	-
GP17-11.5	5/1/2008	11.5	-	-	<MDL	-	-

Table 4

Soil Sample Analytical Data
VOCs, Fuel Oxygenates, SVOCs, and PCBs
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	Approx. Depth (feet)	1,4-Dioxane (mg/kg) EPA Method SW8260	All target VOCs (mg/kg) EPA Method SW8260	Fuel Oxygenates^ (mg/kg) EPA Method SW8260B	All target SVOCs (mg/kg) EPA Method 8270	All other target PCBs (mg/kg) EPA Method SW8082
GP18-7.5	5/1/2008	7.5	-	-	<MDL	-	-
GP18-10	5/1/2008	10	-	-	<MDL	-	-
GP19-7	5/1/2008	7	-	-	<MDL	-	-
GP20-8	5/1/2008	8	-	-	<MDL	-	-
GP21-7.5	5/2/2008	7.5	-	-	<MDL	-	-
GP21-15.5	5/2/2008	15.5	-	-	<MDL	-	-
GP21-19.5	5/2/2008	19.5	-	-	<MDL	-	-
GP22-10.5	5/2/2008	10.5	-	-	<MDL	-	-
GP22-15.5	5/2/2008	15.5	-	-	<MDL	-	-
GP23-7.5	5/2/2008	7.5	-	-	<MDL	-	-
GP23-11.5	5/2/2008	11.5	-	-	<MDL	-	-
GP23-16	5/2/2008	16	-	-	<MDL	-	-
GP24-8.5	5/2/2008	8.5	-	-	<MDL	-	-
GP24-19.5	5/2/2008	19.5	-	-	<MDL	-	-
AEI-3-10'	7/25/2011	10	-	-	-	-	<1.0
AEI-4-10'	7/25/2011	10	-	-	-	-	<0.25
AEI-6-10'	7/25/2011	10	-	-	-	-	<0.05
AEI-7-11'	7/25/2011	11	-	-	-	-	<0.50
AEI-8-11'	7/25/2011	11	-	-	-	-	<0.05
AEI-11-3'	7/26/2011	3	-	<MDL	-	-	-
AEI-12-3'	7/26/2011	3	-	<MDL	-	-	-
AEI-13-3'	7/26/2011	3	-	<MDL	-	-	-
AEI-14-7'	7/26/2011	7	-	-	<MDL	-	-
AEI-15-7'	7/26/2011	7	-	-	<MDL	-	-
AEI-16-7'	7/26/2011	7	<0.02	<MDL	<MDL	<MDL	<0.05
AEI-27-3'	1/17/2012	3	-	<MDL	-	-	-

mg/kg = milligrams per kilogram (equivalent to parts per million)
MDL = method detection limit
VOCs = volatile organic compounds
SVOCs = semi-volatile organic compounds
PCBs = polychlorinated biphenyls
"<" = less than
"-" = not available
"^" = fuel oxygenates tert-amyl methyl ether (TAME), t-butyl alcohol (TBA), 1,2-dibromomethane (EDB), 1,2-dichloroethane (1,2-DCA), diisopropyl ether (DIPE), methanol, ethanol, ethyl tert-butyl ether (ETBE), methyl tert-butyl ether (MTBE), and 1,2-Dichloroethane (EDC)

Table 5
Soil Sample Analytical Data
Metals
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	Approx. Depth (feet)	Cd mg/kg	Cr (total)* mg/kg	Pb mg/kg	Ni mg/kg	Zn mg/kg
					EPA Method SW6010B		
AEI-11-3'	7/26/2011	3	<1.5	60	<5.0	24	16
AEI-12-3'	7/26/2011	3	<1.5	31	<5.0	15	10
AEI-13-3'	7/26/2011	3	<1.5	29	<5.0	14	9.7
AEI-14-7'	7/26/2011	7	-	-	<5.0	-	-
AEI-15-7'	7/26/2011	7	-	-	<5.0	-	-
AEI-16-7'	7/26/2011	7	<1.5	54	<5.0	48	27
AEI-17-8'	7/26/2011	8	-	-	<5.0	-	-
AEI-18-8'	7/26/2011	8	-	-	<5.0	-	-
AEI-19-8'	7/26/2011	8	-	-	<5.0	-	-
*AEI-27-3'	1/17/2012	3	<0.25	38	140	17	140

Notes:
mg/kg = milligrams per kilogram
"-" = not available
Cd = Cadmium
Cr = Chromium
Pb = Lead
Ni = Nickel
Zn = Zinc
*AEI-27-3' = Antimony - 1.2 mg/kg, Arsenic - 4.0 mg/kg, Barium - 130 mg/kg, Cobalt - 3.7 mg/kg, Copper - 18 mg/kg, Mercury - 0.32 mg/kg and Vanadium - 28 mg/kg by CAM 17 EPA Method SW3050B.

Table 6

Groundwater Analytical Data - Grab Samples
TPH, MBTEX and TRPH
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	TPH-g (µg/L)	TPH-d* (µg/L)	TPH-mo* (µg/L)	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TRPH (µg/L)
					EPA Method SW8021B/8015Bm					EPA Method E418.1
HP-1	4/23/1993	<50	-	-	-	<0.5	<0.5	<0.5	<0.5	-
HP-2	4/23/1993	<50	-	-	-	<0.5	<0.5	<0.5	<0.5	-
EB3-WSIA	10/15/1993	120,000	-	-	-	9,600	20,000	3,400	14,000	-
EB5-WSIA	10/15/1993	83,000	-	-	-	3,900	15,000	3,100	13,000	-
EB8-WS1	1/21/1997	25,000	-	-	<80	2,600	3,200	780	3,600	-
EB10-WS1	1/21/1997	81,000	-	-	<370	13,000	12,000	3,300	8,000	-
EB11-WS1	1/21/1997	49,000	-	-	<180	6,900	6,000	2,100	4,600	-
EB12-WS1	1/21/1997	38,000	-	-	110	1,400	1,400	1,800	7,400	-
P1-WS1	1/21/1997	74,000	-	-	<78	1,100	5,800	3,800	18,000	-
P2-WS1	1/21/1997	6,800	-	-	<10	2,200	290	310	560	-
P3-WS1	1/21/1997	220	-	-	<5.0	1.9	17	10	49	-
GP1W	4/29/2008	70,000	-	-	<500	6,800	6,600	2,300	12,000	-
GP2W	4/29/2008	910	-	-	<5.0	0.69	2.9	30	64	-
GP3W	4/29/2008	<50	-	-	<5.0	<0.5	<0.5	<0.5	<0.5	-
GP4W	4/29/2008	46,000	-	-	<500	570	3,200	1,500	7,500	-
GP5W	4/29/2008	12,000	-	-	<60	140	480	270	1,100	-
GP6W	4/29/2008	22,000	-	-	<170	920	1,600	900	3,500	-
GP7W	4/30/2008	22,000	-	-	<180	2,600	320	810	2,600	-
GP8W	5/1/2008	140,000	-	-	<650	9,000	20,000	4,300	21,000	-
GP9W	5/1/2008	550	-	-	<5.0	53	0.52	2.1	25	-
GP10W	4/30/2008	11,000	-	-	<100	1,900	490	480	770	-

Table 6

Groundwater Analytical Data - Grab Samples
TPH, MBTEX and TRPH
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	TPH-g (µg/L)	TPH-d* (µg/L)	TPH-mo* (µg/L)	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TRPH (µg/L)
					EPA Method SW8021B/8015Bm					EPA Method E418.1
GP11W	4/30/2008	42,000	-	-	<452	1,900	4,200	1,700	7,600	-
GP12W	4/30/2008	61,000	-	-	<500	4,500	11,000	1,700	7,700	-
GP13W	4/30/2008	6,200	-	-	<10	220	53	150	440	-
GP14W	4/30/2008	300	-	-	<5.0	46	1.9	19	11	-
GP15W	4/30/2008	<50	-	-	<5.0	<0.5	0.69	<0.5	1.1	-
GP16W	5/1/2008	<50	-	-	<5.0	<0.5	<0.5	<0.5	<0.5	-
GP17W	5/1/2008	<50	-	-	<5.0	<0.5	1.7	<0.5	2	-
GP18W	5/1/2008	<50	-	-	<5.0	<0.5	2.1	0.79	4	-
GP19W	5/1/2008	85	-	-	<5.0	<0.5	0.80	<0.5	<0.5	-
GP20W	5/1/2008	<50	-	-	<5.0	<0.5	<0.5	<0.5	<0.5	-
GP21W	5/2/2008	9,400	-	-	<50	560	1,400	260	1,300	-
GP22W	5/2/2008	3,900	-	-	<25	36	160	120	610	-
GP23W	5/2/2008	16,000	-	-	<90	830	1,900	540	2,600	-
GP24W	5/2/2008	110,000	-	-	<450	6,500	4,200	3,100	13,000	-
AEI-1-W	7/25/2011	<50	<50	<250	-				-	-
AEI-2-W	7/25/2011	<50	<50	<250	-				-	-
AEI-3-W	7/25/2011	11,000	12,000	29,000	<50	1,100	1,900	210	860	-
AEI-4-W	7/25/2011	200,000	25,000	19,000	<500	21,000	30,000	3,600	16,000	-
AEI-5-W	7/25/2011	<50	<50	<250	-	-	-	-	-	-
AEI-6-W	7/25/2011	18,000	120,000	300,000	<50	<5.0	7.7	<5.0	28	-
AEI-7-W	7/25/2011	280	11,000	28,000	-	-	-	-	-	-

Table 6

Groundwater Analytical Data - Grab Samples
TPH, MBTEX and TRPH
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	TPH-g (µg/L)	TPH-d* (µg/L)	TPH-mo* (µg/L)	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TRPH (µg/L)
					EPA Method SW8021B/8015Bm					EPA Method E418.1
AEI-8-W	7/25/2011	<50	1,600	3,800	-	-	-	-	-	-
AEI-9-W	7/25/2011	<50	<50	<250	-	-	-	-	-	-
AEI-10-W	7/26/2011	<50	<50	400	-	-	-	-	-	-
AEI-14-W	7/26/2011	<50	-	-	<5.0	<0.5	<0.5	<0.5	<0.5	-
AEI-15-W	7/26/2011	<50	-	-	<5.0	<0.5	<0.5	<0.5	<0.5	-
AEI-16-W	7/26/2011	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0
AEI-17-W	7/26/2011	<50	89	590	<5.0	<0.5	<0.5	<0.5	<0.5	-
AEI-18-W	7/26/2011	<50	<100	<500	<5.0	<0.5	<0.5	<0.5	<0.5	-
AEI-19-W	7/26/2011	<50	<100	<500	<5.0	<0.5	<0.5	<0.5	<0.5	-
AEI-20	1/17/2012	130,000	-	-	<500	1,200	2,200	4,400	20,000	
AEI-21	1/17/2012	110,000	-	-	<500	160	520	1,200	3,300	
AEI-22	1/17/2012	61,000	-	-	<500	790	4,400	1,500	7,200	
AEI-23	1/17/2012	9,000	8,400	1,500	<50	<5.0	16	12	<5.0	
AEI-24	1/17/2012	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<0.5	
AEI-25	1/17/2012	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<0.5	
AEI-26	1/17/2012	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<0.5	
AEI-27	1/17/2012	<50	<100	<500	<5.0	<0.5	<0.5	<0.5	<0.5	
AEI-28	1/17/2012	16,000	4,500	<250	<100	160	690	540	2,500	

µg/L = micrograms per liter
TPH = total petroleum hydrocarbons
TPH-g = TPH as gasoline
TPH-d = TPH as diesel
"<" = less than
MDL = method detection limit
TRPH = total recoverable petroleum hydrocarbons
MTBE and BTEX analysis for AEI-16-W performed by EPA Method SW8260B

Table 6

Groundwater Analytical Data - Grab Samples
TPH, MBTEX and TRPH
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	TPH-g (µg/L)	TPH-d* (µg/L)	TPH-mo* (µg/L)	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TRPH (µg/L)
					EPA Method SW8021B/8015Bm					EPA Method E418.1

TPH-mo = TPH as motor oil
MTBE = methyl tertiary butyl ether
"*" = with silica gel cleanup
"-" = not available

Table 7

Groundwater Analytical Data - Grab Samples
VOCs, Fuel Oxygenates, SVOCs, and PCBs
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	1,4-Dioxane (µg/L)	TBA (µg/L)	EDB (µg/L)	EDC (µg/L)	MTBE (µg/L)	Fuel Oxygenates^ (µg/L)	All Target VOCs (µg/L)	All Target SVOCs (µg/L)	All Target PCBs (µg/L)
		EPA Method SW8260B							EPA Method 8270	EPA Method SW8082
GP1W	4/29/2008	-	<20	<5.0	<5.0	<5.0	<MDL	-	-	-
GP2W	4/29/2008	-	<2.0	<0.5	<0.5	<0.5	<MDL	-	-	-
GP3W	4/29/2008	-	<2.0	<0.5	<0.5	<0.5	<MDL	-	-	-
GP4W	4/29/2008	-	<20	<5.0	<5.0	<5.0	<MDL	-	-	-
GP5W	4/29/2008	-	<2.0	<0.5	<0.5	<0.5	<MDL	-	-	-
GP6W	4/29/2008	-	24	<5.0	<5.0	<5.0	<MDL	-	-	-
GP7W	4/30/2008	-	<20	<5.0	<5.0	<5.0	<MDL	-	-	-
GP8W	5/1/2008	-	<20	<5.0	<5.0	<5.0	<MDL	-	-	-
GP9W	5/1/2008	-	7.7	<0.5	1.1	1.2	<MDL	-	-	-
GP10W	4/30/2008	-	<20	<5.0	<5.0	<5.0	<MDL	-	-	-
GP11W	4/30/2008	-	<20	<5.0	<5.0	<5.0	<MDL	-	-	-
GP12W	4/30/2008	-	<20	<5.0	<5.0	<5.0	<MDL	-	-	-
GP13W	4/30/2008	-	8.9	<0.5	<0.5	<0.5	<MDL	-	-	-
GP14W	4/30/2008	-	<2.0	<0.5	<0.5	<0.5	<MDL	-	-	-
GP15W	4/30/2008	-	<2.0	<0.5	<0.5	<0.5	<MDL	-	-	-
GP16W	5/1/2008	-	<2.0	<0.5	<0.5	<0.5	<MDL	-	-	-
GP17W	5/1/2008	-	<2.0	<0.5	<0.5	<0.5	<MDL	-	-	-
GP18W	5/1/2008	-	<2.0	<0.5	<0.5	<0.5	<MDL	-	-	-
GP19W	5/1/2008	-	<2.0	<0.5	<0.5	<0.5	<MDL	-	-	-
GP20W	5/1/2008	-	<2.0	<0.5	<0.5	<0.5	<MDL	-	-	-

Table 7

Groundwater Analytical Data - Grab Samples
VOCs, Fuel Oxygenates, SVOCs, and PCBs
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	1,4-Dioxane (µg/L)	TBA (µg/L)	EDB (µg/L)	EDC (µg/L)	MTBE (µg/L)	Fuel Oxygenates^ (µg/L)	All Target VOCs (µg/L)	All Target SVOCs (µg/L)	All Target PCBs (µg/L)
					EPA Method SW8260B				EPA Method 8270	EPA Method SW8082
GP21W	5/2/2008	-	<2.0	0.65	<0.5	<0.5	<MDL	-	-	-
GP22W	5/2/2008	-	<2.0	<0.5	<0.5	<0.5	<MDL	-	-	-
GP23W	5/2/2008	-	<20	<5.0	<5.0	<5.0	<MDL	-	-	-
GP24W	5/2/2008	-	75	<5.0	<5.0	<5.0	<MDL	-	-	-
AEI-14-W	7/26/2011	-	<2.0	<0.5	<0.5	<0.5	<MDL	-	-	-
AEI-15-W	7/26/2011	-	<2.0	<0.5	<0.5	<0.5	<MDL	-	-	-
AEI-16-W	7/26/2011	<2.0	<2.0	<0.5	<0.5	<0.5	<MDL	<MDL	<MDL	<0.5
AEI-27	1/17/2012	-	-	-	-	-	-	<MDL	-	-

mg/kg = milligrams per kilogram (equivalent to parts per million)
MDL = method detection limit
VOCs = volatile organic compounds
SVOCs = semi-volatile organic compounds
PCBs = polychlorinated biphenyls
TBA = t-butyl alcohol
EDB = 1,2-dibromomethane
EDC = 1,2-dichloroethane
MTBE = methyl tert-butyl ether
"-" = not available
"<" = less than
"^" = fuel oxygenates tert-amyl methyl ether (TAME),
1,2-dichloroethane (1,2-DCA), diisopropyl ether (DIPE), methanol,
ethanol, and ethyl tert-butyl ether (ETBE)

Table 8

Grab Groundwater Sample Analytical Data

Metals

AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	Cd µg/L	Cr (total) µg/L	Pb µg/L EPA Method E200.8	Ni µg/L	Zn µg/L
AEI-14-W*	7/26/2011	-	-	21	-	-
AEI-15-W*	7/26/2011	-	-	66	-	-
AEI-16-W**	7/26/2011	<0.25	<0.5	<0.5	8.7	<5.0

Notes:
µg/L = micrograms per liter
"*" = total
"**" = dissolved
Cd = Cadmium
Cr = Chromium
Pb =Lead
Ni = Nickel
Zn = Zinc

Table 9
Groundwater Analytical Data- Monitoring Wells
AEI Project No. 298931, 1600-1630 Park Street, Alameda, CA

Sample ID	Date	Notes	TPH-d	TPH-mo	TPH-g	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	MTBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol	ETBE	Methanol	Lead
			EPA Methods 8020, 8021B, or 8260B								EPA Method 8260B									
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-1	1/21/1987		-	-	21,020	1,148	8,627	1,792	6,012	-	-	-	-	-	-	-	-	-	-	-
	1/11/1989		-	-	1,400	74	10	13	5.0	-	-	-	-	-	-	-	-	-	-	-
	7/12/1989		-	-	1,200	470	49	45	33	-	-	-	-	-	-	-	-	-	-	-
	4/9/1991		-	-	850	260	10	15	12	-	-	-	-	-	-	-	-	-	-	-
	7/14/1992		-	-	13,000	2,300	1,200	1,200	1,200	-	-	-	-	-	-	-	-	-	-	-
	10/7/1992		-	-	3,600	1,600	80	120	120	-	-	-	-	-	-	-	-	-	-	-
	1/11/1993		-	-	1,200	410	16	23	19	-	-	-	-	-	-	-	-	-	-	-
	4/23/1993	a	-	-	2,200	720	180	82	150	-	-	-	-	-	-	-	-	-	-	-
	7/8/1993	a	-	-	3,200	1,200	110	97	100	-	-	-	-	-	-	-	-	-	-	-
	10/15/1993	a	-	-	3,700	1,400	43	94	36	-	-	-	-	-	-	-	-	-	-	-
	1/25/1994	a	-	-	1,600	680	16	41	35	-	-	-	-	-	-	-	-	-	-	-
	4/28/1994	a	-	-	6,100	1,900	380	250	340	-	-	-	-	-	-	-	-	-	-	-
	7/27/1994	a	-	-	6,000	1,800	510	220	450	-	-	-	-	-	-	-	-	-	-	-
	10/27/1994	a	-	-	3,000	1,100	79	82	87	-	-	-	-	-	-	-	-	-	-	-
	1/26/1995	a	-	-	1,600	660	100	82	87	-	-	-	-	-	-	-	-	-	-	-
	4/13/1995	a	-	-	3,800	1,200	270	120	260	-	-	-	-	-	-	-	-	-	-	-
	7/21/1995	a	-	-	5,200	1,500	450	190	400	-	-	-	-	-	-	-	-	-	-	-
	10/25/1995	a	-	-	5,900	1,800	450	210	400	-	-	-	-	-	-	-	-	-	-	-
	1/21/1997	a	-	-	3,100	1,100	87	160	180	<7.3	-	-	-	-	-	-	-	-	-	-
	11/12/1998	a	-	-	1,000	280	3	3.3	7.9	<30	-	-	-	-	-	-	-	-	-	-
	1/16/2001	a	-	-	4,700	1,20	18	150	49	-	<5	<5.0	<25	<5.0	<5.0	<5.0	-	<5.0	-	-
	6/27/2002	a	-	-	5,900	230	7.7	<5	1,500	-	<5	<5.0	<50	<5.0	<5.0	<5.0	-	<5.0	-	-
	11/18/2002	a	-	-	3,100	890	12	310	28	-	<2.5	-	-	<2.5	<2.5	-	-	-	-	-
	2/20/2003	d	-	-	260	100	0.72	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-	-	-	-	-
	6/11/2003	a	-	-	3,100	480	6.7	220	420	-	<2.5	-	-	<2.5	<2.5	-	-	-	-	-
	4/3/2008	a	-	-	2,700	280	21	130	230	<25	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	<100	<1.0	<1,000	<0.5
	6/23/2011	a	-	-	610	100	6.2	46	77	-	<2.5	<2.5	<10	-	-	<2.5	-	<2.5	-	-
	12/6/2011	a	-	-	900	160	<5.0	68	76	-	<5.0	<5.0	<20	-	-	<5.0	-	<5.0	-	-
	1/24/2012	a	-	-	190	25	<1.0	1.4	4.6	<1.0	-	-	-	-	-	-	-	-	-	-
	5/18/2012	f	210	<250	2,600	200	51	93	610	<5.0	-	-	-	-	-	-	-	-	-	-
	7/11/2012	a	700	<250	2,700	190	8.1	100	230	<5.0	-	-	-	-	-	-	-	-	-	-
MW-2	1/21/1987		-	-	5,018	386	1,981	285	1,432	-	-	-	-	-	-	-	-	-	-	-
	1/11/1989		-	-	10,000	3,000	410	240	190	-	-	-	-	-	-	-	-	-	-	-
	7/12/1989		-	-	7,600	2,700	540	250	320	-	-	-	-	-	-	-	-	-	-	-
	4/9/1991		-	-	4,900	910	210	130	200	-	-	-	-	-	-	-	-	-	-	-
	7/14/1992		-	-	13,000	4,400	1,500	610	1,100	-	-	-	-	-	-	-	-	-	-	-
	10/7/1992		-	-	11,000	5,200	1,500	500	1,200	-	-	-	-	-	-	-	-	-	-	-
	1/11/1993		-	-	17,000	940	1,100	480	930	-	-	-	-	-	-	-	-	-	-	-
	4/23/1993	a	-	-	52,000	13,000	8,400	1,700	5,300	-	-	-	-	-	-	-	-	-	-	-
	7/8/1993	a	-	-	6,400	2,500	470	280	530	-	-	-	-	-	-	-	-	-	-	-
	10/15/1993	a	-	-	17,000	3,900	870	500	940	-	-	-	-	-	-	-	-	-	-	-
	1/25/1994	a	-	-	16,000	5,400	1,140	640	1,500	-	-	-	-	-	-	-	-	-	-	-
	4/28/1994	a	-	-	15,000	4,00	910	480	1,200	-	-	-	-	-	-	-	-	-	-	-
	7/27/1994	a	-	-	18,000	6,000	760	630	1,600	-	-	-	-	-	-	-	-	-	-	-
	10/27/1994	a	-	-	9,500	2,700	230	320	640	-	-	-	-	-	-	-	-	-	-	-
	1/26/1995	a	-	-	5,900	1,900	290	230	500	-	-	-	-	-	-	-	-	-	-	-
	4/13/1995	a	-	-	10,000	3,300	620	360	930	-	-	-	-	-	-	-	-	-	-	-
	7/21/1995	a	-	-	9,900	3,300	320	390	830	-	-	-	-	-	-	-	-	-	-	-
	10/25/1995	a	-	-	13,000	4,900	400	580	990	-	-	-	-	-	-	-	-	-	-	-
	1/21/1997	a	-	-	7,600	2,600	310	330	660	<20	-	-	-	-	-	-	-	-	-	-
	11/12/1998	a	-	-	31,000	11,000	750	1,500	2,300	<900	-	-	-	-	-	-	-	-	-	-
	1/16/2001	a	-	-	23,000	8,200	260	1,000	820	<30	-	<30	<150	<30	<30	<30	-	<30	-	-
	6/27/2002	a	-	-	39,000	7,000	1,800	690	4,000	-	<5	<5.0	<5.0	<5.0	6.1	<5.0	-	<5.0	-	-
	11/18/2002	a	-	-	15,000	5,700	76	1,000	150	-	<12	-	-	<12	<12	-	-	-	-	-
	2/20/2003	a	-	-	26,000	6,300	1,100	1,300	1,900	-	<5.0	-	-	<5.0	<5.0	-	-	-	-	-
	6/11/2003	a	-	-	37,000	7,100	2,300	2,000	3,600	-	<25	-	-	<25	<25	-	-	-	-	-
	4/3/2008	a	-	-	4,100	760	96	250	130	<50	<2.5	<2.5	<10	<2.5	<2.5	<2.5	<250	<2.5	<2,500	<0.5
	6/23/2011	a	-	-	6,500	2,100	210.0	560	310	-	<50	<50	<200	-	-	<50	-	<50	-	-
	12/6/2011	a	-	-	4,800	1,600	<50	260	<50	-	<50	<50	<200	-	-	<50	-	<50	-	-
	1/24/2012	a	-	-	2,500	100	22.0	<5.0	410	<5.0	-	-	-	-	-	-	-	-	-	-

Table 9
Groundwater Analytical Data- Monitoring Wells
AEI Project No. 298931, 1600-1630 Park Street, Alameda, CA

Sample ID	Date	Notes	TPH-d	TPH-mo	TPH-g	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	MTBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol	ETBE	Methanol	Lead
			EPA Methods 8020, 8021B, or 8260B								EPA Method 8260B									
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-2 (cont)	5/18/2012	f	68	<250	140	14	2.8	2.9	12	<0.5	-	-	-	-	-	-	-	-	-	-
	7/11/2012	a	270	<250	930	170	<5.0	24	9.3	<5.0	-	-	-	-	-	-	-	-	-	-
MW-3	1/21/1987		-	-	10,287	1,428	3,281	610	2,761	-	-	-	-	-	-	-	-	-	-	-
	1/11/1989		-	-	5,300	1,800	340	150	160	-	-	-	-	-	-	-	-	-	-	-
	7/12/1989		-	-	7,800	3,100	900	300	480	-	-	-	-	-	-	-	-	-	-	-
	4/9/1991		-	-	9,400	1,400	730	200	510	-	-	-	-	-	-	-	-	-	-	-
	7/14/1992		-	-	17,000	3,500	390	390	260	-	-	-	-	-	-	-	-	-	-	-
	10/7/1992		-	-	9,200	4,300	470	390	610	-	-	-	-	-	-	-	-	-	-	-
	1/11/1993		-	-	2,000	740	29	58	28	-	-	-	-	-	-	-	-	-	-	-
	4/23/1993	a	-	-	6,500	2,600	280	260	190	-	-	-	-	-	-	-	-	-	-	-
	7/8/1993	a	-	-	5,200	2,100	260	250	180	-	-	-	-	-	-	-	-	-	-	-
	10/15/1993	a	-	-	11,000	3,500	580	430	370	-	-	-	-	-	-	-	-	-	-	-
	1/25/1994	a	-	-	6,200	2,500	270	160	28	-	-	-	-	-	-	-	-	-	-	-
	4/28/1994	a	-	-	5,300	1,700	190	210	180	-	-	-	-	-	-	-	-	-	-	-
	7/27/1994	a	-	-	5,900	2,000	360	260	330	-	-	-	-	-	-	-	-	-	-	-
	10/27/1994	a	-	-	8,000	2,200	580	260	170	-	-	-	-	-	-	-	-	-	-	-
	1/26/1995	a	-	-	3,700	1,200	150	150	190	-	-	-	-	-	-	-	-	-	-	-
	4/13/1995	a	-	-	4,000	1,400	200	180	210	-	-	-	-	-	-	-	-	-	-	-
	7/21/1995	a	-	-	5,700	2,000	280	270	280	-	-	-	-	-	-	-	-	-	-	-
	10/25/1995	a	-	-	11,000	3,500	1,100	460	680	-	-	-	-	-	-	-	-	-	-	-
	1/21/1997	a	-	-	2,200	860	63	71	80	<5	-	-	-	-	-	-	-	-	-	-
	11/12/1998	d	-	-	180	44	0.51	<0.5	0.92	<20	-	-	-	-	-	-	-	-	-	-
	1/16/2001	a	-	-	64	11	0.77	<0.5	<0.5	-	<5	<1.0	<5.0	<1.0	1.4	<1.0	-	<1.0	-	-
	6/27/2002		-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	-	<0.5	-	-
	11/18/2002	a	-	-	110	21	1	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-	-	-	-	-
	2/20/2003		-	-	<50	2.5	<0.5	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-	-	-	-	-
	6/11/2003		-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-	-	-	-	-
	4/3/2008	a	-	-	7,600	2,400	58	250	170	<100	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<500	<5.0	<5,000	<0.5
	6/23/2011	a	-	-	1,300	560	21	86	150	-	<12	<12	<50	-	-	<12	-	<12	-	-
	12/6/2011	a	-	-	1,800	620	28	22	46	-	<17	<17	<67	-	-	<17	-	<17	-	-
	1/24/2012	a	-	-	3,700	1,200	68	34	130	<25	-	-	-	-	-	-	-	-	-	-
	5/18/2012	f	<50	<250	75	5.3	<0.5	<0.5	1.6	<0.5	-	-	-	-	-	-	-	-	-	-
	7/11/2012	a	<50	<250	78	1.4	0.66	<0.5	5.5	<0.5	-	-	-	-	-	-	-	-	-	-
MW-4	4/28/1994	b,c	-	-	190	3.8	2.9	2.1	3.1	-	-	-	-	-	-	-	-	-	-	-
	7/27/1994	a	-	-	180	15	9.2	7.6	28	-	-	-	-	-	-	-	-	-	-	-
	10/27/1994	a	-	-	130	8.6	6.6	4.5	17	-	-	-	-	-	-	-	-	-	-	-
	1/26/1995		-	-	110	6.5	1.2	1.8	11	-	-	-	-	-	-	-	-	-	-	-
	4/13/1995		-	-	82	3.9	<0.5	<0.5	2.5	-	-	-	-	-	-	-	-	-	-	-
	7/21/1995		-	-	130	8.8	1.3	4.5	7.6	-	-	-	-	-	-	-	-	-	-	-
	10/25/1995		-	-	95	6.6	1.7	4.3	7	-	-	-	-	-	-	-	-	-	-	-
	4/3/2008		-	-	130	1.6	<0.5	0.89	0.85	<5.0	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5	<50	<0.5	<500	<0.5
	6/23/2011	a	-	-	53	2.7	<0.5	1.0	1.7	-	<0.5	<0.5	<2.0	-	-	<0.5	-	<0.5	-	-
	5/23/2012	f	<50	<250	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
	7/11/2012	g	<50	<250	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
MW-5	4/28/1994	a	-	-	30,000	4,000	3,000	810	3,500	-	-	-	-	-	-	-	-	-	-	-
	7/27/1994	a	-	-	9,300	2,000	800	290	940	-	-	-	-	-	-	-	-	-	-	-
	10/27/1994	a	-	-	15,000	2,700	1,300	420	1,100	-	-	-	-	-	-	-	-	-	-	-
	1/26/1995	a	-	-	7,900	2,100	680	240	860	-	-	-	-	-	-	-	-	-	-	-
	4/13/1995	a	-	-	7,900	2,400	580	340	630	-	-	-	-	-	-	-	-	-	-	-
	7/21/1995	a	-	-	11,000	3,400	760	610	1,200	-	-	-	-	-	-	-	-	-	-	-
	10/25/1995	a	-	-	13,000	2,900	830	570	1,100	-	-	-	-	-	-	-	-	-	-	-
	1/21/1997	a	-	-	2,600	750	65	1,860	280	<5	-	-	-	-	-	-	-	-	-	-
	11/12/1998		-	-	<50	<0.5	<0.5	<0.5	<0.5	<5	-	-	-	-	-	-	-	-	-	-
	1/16/2001		-	-	<50	11	<0.5	<0.5	0.82	-	<5	<1.0	<5.0	<1.0	<1.0	<1.0	-	<1.0	-	-
	6/27/2002		-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	-	<0.5	-	-
	11/18/2002	a	-	-	130	17	3.8	2.1	16	-	<0.5	-	-	<0.5	<0.5	-	-	-	-	-
	2/20/2003		-	-	<50	5.6	0.51	<0.5	0.68	-	<0.5	-	-	<0.5	<0.5	-	-	-	-	-
	6/11/2003	a	-	-	170	48	<0.5	<0.5	1.4	-	<0.5	-	-	<0.5	<0.5	-	-	-	-	-
	4/3/2008	a	-	-	31,000	490	3,400	1,600	5,300	<250	<10	<10	<40	<10	<10	<10	<1,000	<10	<10,000	<0.5

Table 9
Groundwater Analytical Data- Monitoring Wells
AEI Project No. 298931, 1600-1630 Park Street, Alameda, CA

Sample ID	Date	Notes	TPH-d	TPH-mo	TPH-g	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	MTBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol	ETBE	Methanol	Lead
			EPA Methods 8020, 8021B, or 8260B								EPA Method 8260B									
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-5 (cont)	6/23/2011	a	-	-	82	5.1	<0.5	12.0	8.4	-	<0.5	<0.5	<2.0	-	-	<0.5	-	<0.5	-	-
	5/18/2012	f	<50	<250	120	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
	7/11/2012	g	<50	<250	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DPE-1	12/6/2011	a	-	-	9,200	1,800	570	460	1,100	-	<50	<50	<200	-	-	<50	-	<50	-	-
	1/24/2012	a	-	-	3,200	170	58	<5.0	620	<5.0	-	-	-	-	-	-	-	-	-	-
	5/18/2012	f	280	<250	540	49	<1.0	<1.0	17	<1.0	-	-	-	-	-	-	-	-	-	-
	7/11/2012	a	860	<250	2,300	240	15	98	88	<5.0	-	-	-	-	-	-	-	-	-	-
DPE-2	12/6/2011	a	-	-	22,000	2,100	3,300	650	3,300	-	<100	<100	<400	-	-	<100	-	<100	-	-
	1/24/2012	a	-	-	1,100	44	26	11	150	<2.5	-	-	-	-	-	-	-	-	-	-
	5/18/2012	f	<50	<250	220	33	3.2	<0.5	30	<0.5	-	-	-	-	-	-	-	-	-	-
	7/11/2012	a	400	<250	2,600	300	12	45	390	<10	-	-	-	-	-	-	-	-	-	-
DPE-3	12/6/2011	a	-	-	6,400	550	560	180	1,000	-	<17	<17	<67	-	-	<17	-	<17	-	-
	1/24/2012	a	-	-	5,500	290	240	44	1,000	<5.0	-	-	-	-	-	-	-	-	-	-
	5/18/2012	f	260	<250	1,100	78	37	11	89	<1.7	-	-	-	-	-	-	-	-	-	-
	7/11/2012	a	720	<250	2,400	330	19	10	130	<10	-	-	-	-	-	-	-	-	-	-
DPE-4	1/24/2012	a	-	-	730	66	6.0	7.1	83	2.5	-	-	-	-	-	-	-	-	-	-
	5/18/2012	f	<50	<250	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
	7/11/2012		<50	<250	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DPE-6	1/24/2012	a	-	-	64*	<0.5	<0.5	<0.5	3.2	<0.5	-	-	-	-	-	-	-	-	-	-
	5/18/2012	f	<50	<250	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
	7/11/2012	g	<50	<250	<50	0.93	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DPE-9	1/24/2012	a	<50	<250	4,400	160	390	93	1,100	<5.0	-	-	-	-	-	-	-	-	-	-
	7/11/2012	a	680	<250	1,300	47	3.1	4.0	100	<1.7	-	-	-	-	-	-	-	-	-	-
DPE-10	5/18/2012	f	420	<250	1,700	150	<5.0	<5.0	<5.0	160	-	-	-	-	-	-	-	-	-	-
	7/11/2012	a	160	<250	360	40	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-	-	-	-
DPE-11	5/18/2012	f	260	<250	930	6.4	4.6	4.6	160	<1.2	-	-	-	-	-	-	-	-	-	-
	7/11/2012	a	1,600	<250	2,400	16	<1.0	14	57	<1.0	-	-	-	-	-	-	-	-	-	-
ESL			100	100	100	1.0	40	30	20	5.0	5.0	NA	12	0.05	0.5	NA	NA	NA	NA	2.5

TPH-g= total petroleum hydrocarbons as gasoline
TPH-d= total petroleum hydrocarbons as diesel
TPH-mo= total petroleum hydrocarbons as motor oil
MTBE = Methyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
TBA = Tertiary butyl alcohol
EDB = 1,2-Dibromoethane
1,2-DCA = 1,2-Dichloroethane
DIPE = Diisopropyl ether
ETBE = Ethyl tertiary butyl ether
"-" = Not analyzed or data not available
µg/L = micrograms per liter (ppb)
ESL = Environmental Screening Levels, Table F-1a, Gorunwater, Potential Drinking Water, San Francisco Regional Water Quality Control Board, Revised May 2008
NA = Not applicable

a = Laboratory note indicates the unmodified or weakly modified gasoline is significant.
b = Laboratory note indicates heavier gasoline range compounds are significant (aged gas?).
c = Laboratory note indicates gasoline range compounds are significant with no recognizable pattern.
d = Laboratory note indicates that lighter gasoline range coounds (the most mobile fraction) are significant.
e = Laboratory note indicates that one to a few isloated non-targed peaks are present.
f = Laboratory note indicates that low surrogate due to matrix interference.
g = Surrogate recovery exceeds the control limits due to dilution / matrix interference / coelution / presence of surrogate compound in the sample
* Total petroleum hydrocarbons as diesel = <50; Total petroleum hydrocarbons as motor oil = <250

Table 10

Soil Vapor Monitoring Analytical Data

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

Sample ID	Sample Date	Contaminants of Concern											
		TPH-g (C-C12)	TVH (C5-C11)	Benzene	Toluene	Ethyl-benzene	Xylenes	Oxygenates (TAME, DIPE, ETBE, MTBE)	Oxygenates (TBA)	Isopropyl Alcohol	CH4	O2	CO2
		(µg/m3)	(µg/m3)	(µg/m3)	(µg/m3)	(µg/m3)	(µg/m3)	(µg/m3)	(µg/m3)	(µg/m3)	%	%	%
VP-1	5/17/2012	<1,800	NA	<6.5	<7.7	<8.8	<27	NA	NA	<50			
*	5/30/2012		0								0	17.7	0.5
	7/12/2012	<1,800	<1,800	<6.5	<7.7	<8.8	<27	ND	<62	<50	ND	27.0	1.7
VP-2	5/17/2012	<1,800	NA	<6.5	<7.7	<8.8	<27	NA	NA	<50			
*	5/30/2012		0								0	18.4	0.4
	7/12/2012	<1,800	<1,800	<6.5	<7.7	<8.8	<27	ND	**230**	<50	ND	28.0	1.3
VP-3	5/17/2012	<1,800	NA	<6.5	<7.7	<8.8	<27	NA	NA	<50			
*	5/30/2012		0								0	18.2	0.9
	7/12/2012	<1,800	<1,800	<6.5	<7.7	<8.8	<27	ND	<62	**290**	0.00011	28.0	2.4
ESL		10,000	NA	84	63,000	980	21,000	NA	NA	NA			

Notes:

TPH-g= total petroleum hydrocarbons as gasoline

µg/m3 = micrograms per cubic meter (ppbv)

NA = Not applicable

ESL = Environmental Screening Levels, Table E-2, San Francisco Regional Water Quality Control Board (Shallow Soil Gas- Lowest Residential), Revised May 2008

Field monitoring performed using an Eagle photo-ionization detector/multi-gas meter

APPENDIX A

Soil Boring Logs

GROUNDWATER TECHNOLOGY, INC.
OIL RECOVERY SYSTEMS

Monitoring Well 1

Drilling Log

Project: Good Chevrolet — Owner: Good Chevrolet

Location: 1630 Park St. Alameda — Project Number: 20-8208

Date Drilled: 1/15/87 — Total Depth of Hole: 20 ft. — Diameter: 7.5 inches

Surface Elevation: — Water Level, Initial: 14 ft. — 24-hrs.:

Screen: Dia. .020 — Length: 15 feet — Slot Size: .020

Casing: Dia. 2 inch — Length: 5 feet — Type: PVC

Drilling Company: Kvilhaug — Drilling Method: Hollowstem Auger

Driller: C. Pruner — Log by: N. Farrar

Sketch Map

Notes

Depth (Feet)	Well Construction	Notes	Sample Number	Graphic Log	Description/Soil Classification
0					3 inches Asphalt 8 inches base course
2					Black silty sand (loose, dry, no product odor)
4			A 5 12 14		(grades light brown, medium dense)
6				SM	
8					(strong product odor)
10			B 10 19 30		
12					
14			C 10 14 19		▼ Encountered water 1/15/87 (grades no product odor)
16					
18					
20					Drilled to 20 feet, installed well
22					
24					

021D0144

GROUNDWATER TECHNOLOGY, INC.
OIL RECOVERY SYSTEMS

Monitoring Well 2

Drilling Log

Project Good Chevrolet Owner Good Chevrolet

Location 1630 Park St. Alameda Project Number 20-8208

Date Drilled 1/15/87 Total Depth of Hole 20 ft. Diameter 7.5 inches

Surface Elevation ____ Water Level, Initial 14 ft. 24-hrs. ____

Screen: Dia. .020 Length 15 feet Slot Size .020

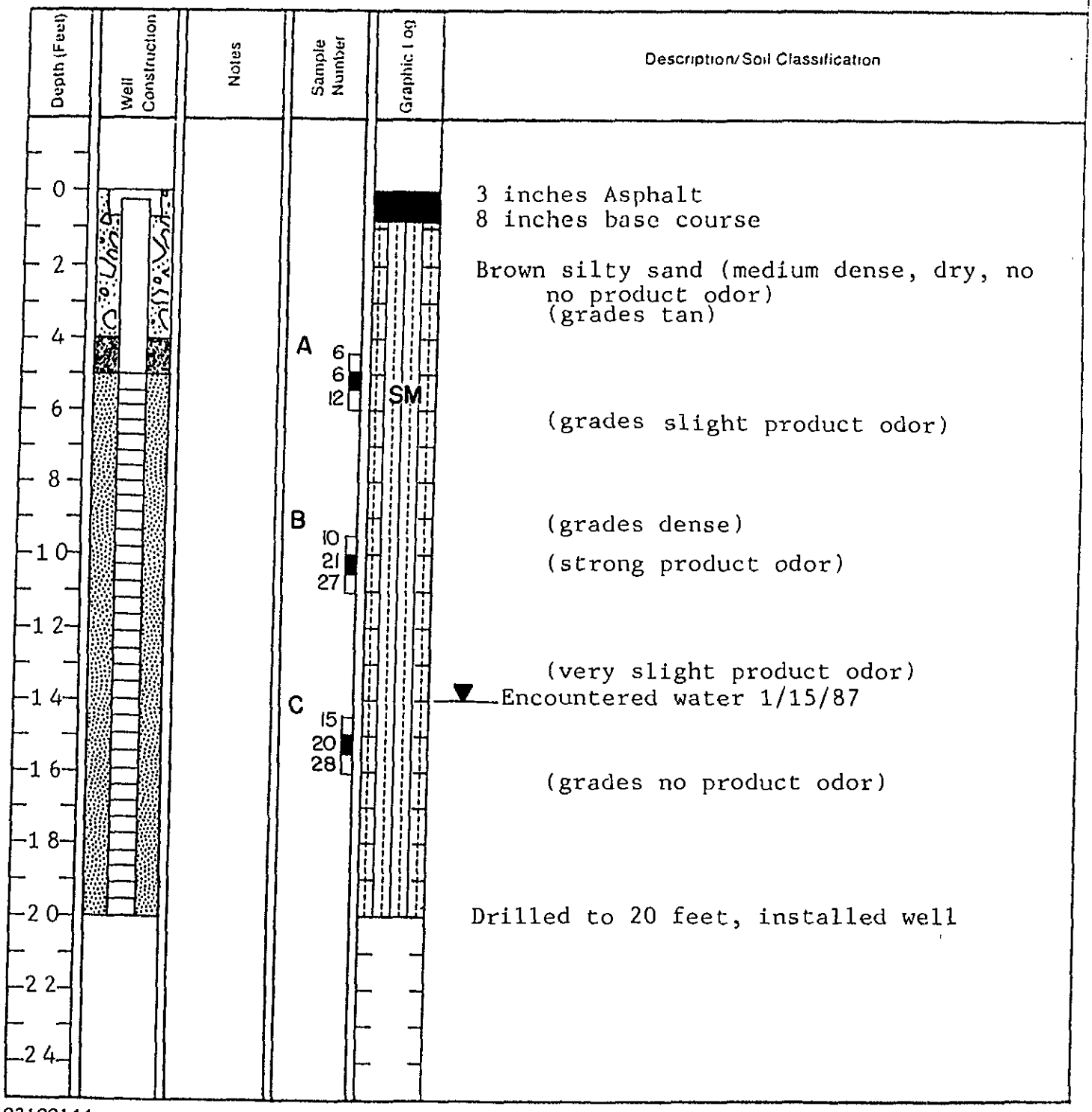
Casing: Dia. 2 inch Length 5 feet Type PVC

Drilling Company Kvilhaug Drilling Method Hollowstem Auger

Driller C. Pruner Log by N. Farrar

Sketch Map

Notes



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GROUNDWATER TECHNOLOGY, INC.
OIL RECOVERY SYSTEMS

Monitoring Well 3

Drilling Log

Project Good Chevrolet Owner Good Chevrolet

Location 1630 Park St. Alameda Project Number 20-8208

Date Drilled 1/15/87 Total Depth of Hole 20 ft. Diameter 7.5 inches

Surface Elevation ____ Water Level, Initial 14 ft. 24-hrs. ____

Screen: Dia. .020 Length 15 feet Slot Size .020

Casing: Dia. 2 inch Length 5 feet Type PVC

Drilling Company Kyilhaug Drilling Method Hollowstem Auger

Driller C. Pruner Log by N. Farrar

Sketch Map

Notes

Depth (Feet)	Well Construction	Notes	Sample Number	Graphic Log	Description/Soil Classification
0					3 inches Asphalt 8 inches base course Tan silty sand (loose, dry, no product odor)
2					
4			A 4 6 11	SM	(grades medium dense)
6					
8				SC	Tan clayey sand (medium dense, dry, no product odor) (grades less clay, strong product odor)
10			B 10 15 24		Tan silty sand (dense, dry, slight product odor)
12				SM	
14			C 11 16 20		▼ Encountered water 1/15/87
16					(grades no product odor)
18					
20					Drilled to 20 feet, installed well
22					
24					

02100144

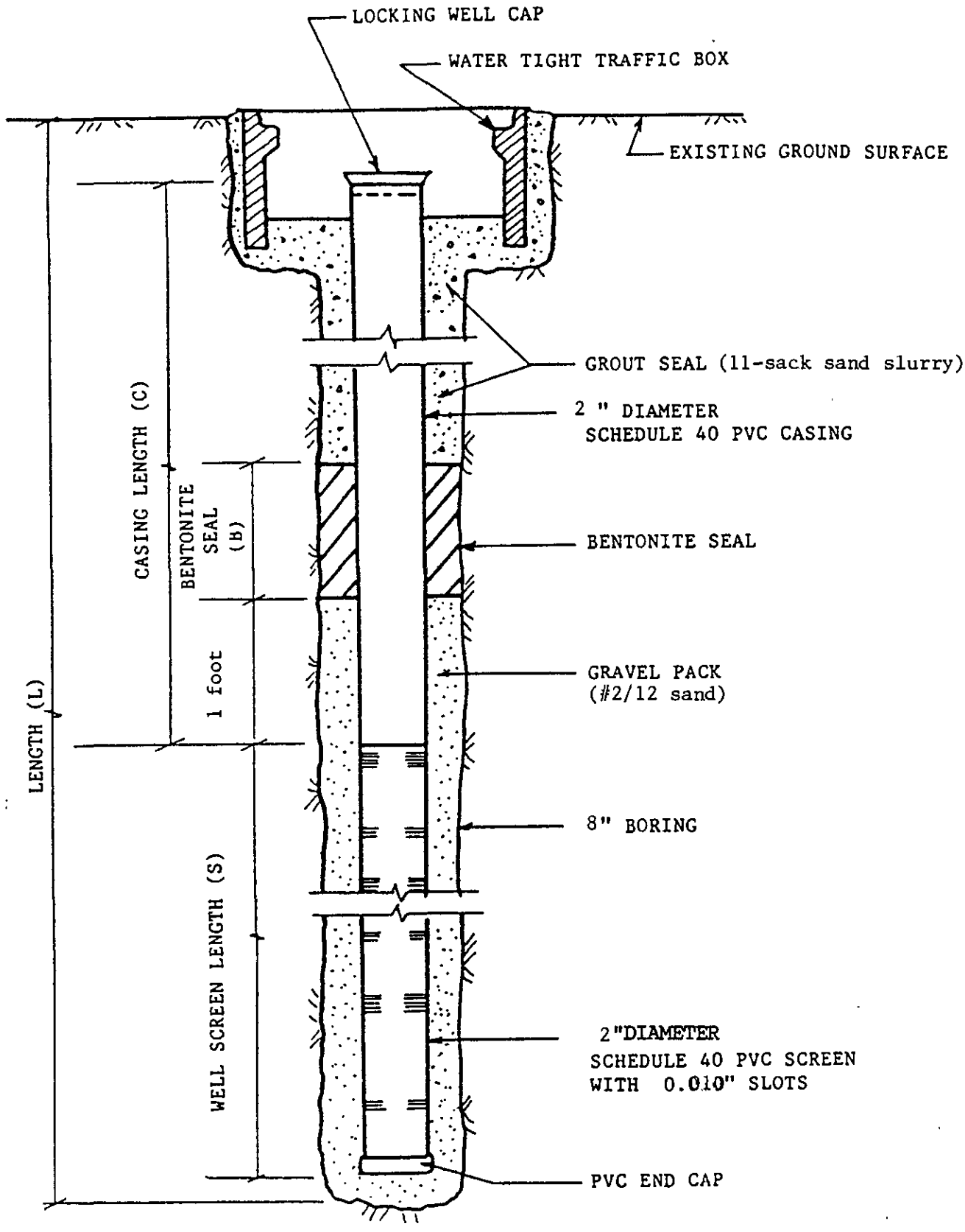
SUBSURFACE DATA LOG

LOG No. MW-4 DATE: 4/20/94
LOCATION: Good Chevrolet - Park Street
EQUIPMENT: Exploration Geoservices
PROJECT No.

DRY DENSITY (lbs cu. ft.)	MOISTURE (% of dry wt.)	"N" VALUE (blows/ft.)	OVM READING (ppm)	SAMPLE TYPE	DEPTH (ft)	LOG	U.S.C.	
					0			A/C Pavement and Aggregate Base
		9	0.5	S1	5		SM	SAND, fine to medium grained with some gravel, gray, moist, medium dense
		37	3.8	S2	10		SM	SAND, fine to medium grained, gray, dense, wet
		39	0.8	S3	15		SM	SAND, fine to medium grained, red, wet, dense
					20			
					25			Boring terminated at 23.0 feet. Monitoring well constructed (2-inch). Ground water encountered at 11 feet.

GeoPlexus, Inc.

FIGURE 4



L=23 feet
S=15 feet
C= 8 feet
B= 1 foot

GOOD CHEVROLET		
DATE 4/20/94	SCALE n/a	DRAWN BY dcg
MONITORING WELL MW-4		
	Figure 6	

GeoPlexus, Inc.

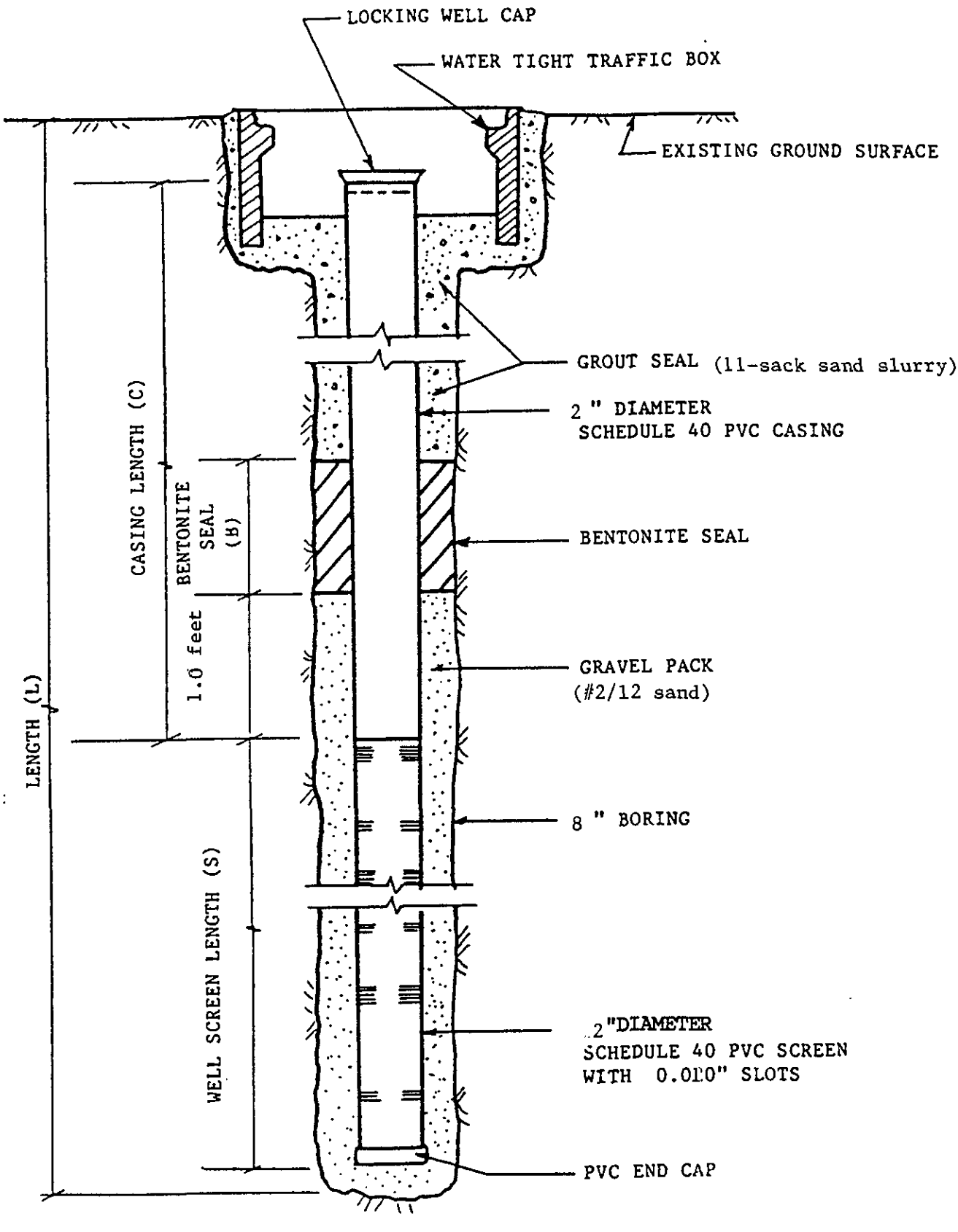
SUBSURFACE DATA LOG

LOG No. MW-5 DATE: 4/20/94
LOCATION: Good Chevrolet - Park Street
EQUIPMENT: Exploration Geoservices
PROJECT No.

DRY DENSITY (lbs. cu. ft.)	MOISTURE (% of dry wt.)	"N" VALUE (blows/ft.)	OVM READING (ppm)	SAMPLE TYPE	DEPTH (ft)	LOG	U.S.C.	
								A/C Pavement and Aggregate Base
							SM	SILTY SAND, redish-brown, moist, medium dense
		12	0.8	S1	5			
								- grey staining of sand noted
		29	25.8	S2	10			
								- redish-brown
		39	15.5	S3	15			
					20			
					25			Boring terminated at 22 feet Monitoring well constructed (2-inch). Ground water encountered at 12 feet

GeoPlexus, Inc.

FIGURE 5



L= 22 feet
S= 15 feet
C= 7 feet
B= 1 foot

GOOD CHEVROLET		
DATE 4/20/94	SCALE n/a	DRAWN BY dcg
MONITORING WELL MW-5		
	Figure 7	

GeoPlexus, Inc.

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

Log of Boring AEI-1

Sheet 1 of 1

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

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

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

Figure

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

Log of Boring AEI-2

Sheet 1 of 1

Date(s) Drilled **July 25, 2011**	Logged By **Adrian Angel**	Checked By **Peter McIntyre**
Drilling Method **Direct Push - Geoprobe**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **13 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **10.5 feet ATD, 7.57 feet after 20 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Existing Hydraulic Lift**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Concrete		
				SP		Sand, minor silt, dark brown, loose, sand is poorly graded, dry to slightly moist, no apparent odors or staining		
						↓ color change to yellowish brown-brown		
	5	X	AEI-2-5'				2.5	
						↓ sand increasing in density and moisture		
		X	AEI-2-7.5'				1.8	
						(after 20 mins) ▼		
	10	X	AEI-2-10'				1.6	
						(ATD) ▽		
				SP		Sand, yellowish brown, very moist, no apparent odors or staining		
		X	AEI-2-13'				<1	
						Bottom of Boring at 13 feet bgs		
	15							

Figure

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

Log of Boring AEI-3

Sheet 1 of 1

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

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

Figure

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

Log of Boring AEI-4

Sheet 1 of 1

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

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

Figure

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

Log of Boring AEI-5

Sheet 1 of 1

Date(s) Drilled **July 25, 2011**	Logged By **Adrian Angel**	Checked By **Peter McIntyre**
Drilling Method **Direct Push - Geoprobe**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **13 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **10.5 feet ATD, 7.68 feet after 20 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Existing Hydraulic Lift**	

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

Figure

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

Log of Boring AEI-6

Sheet 1 of 1

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

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

Figure

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

Log of Boring AEI-7

Sheet 1 of 1

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

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

Figure

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

Log of Boring AEI-8

Sheet 1 of 1

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

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

Figure

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

Log of Boring AEI-9

Sheet 1 of 1

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

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

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Figure

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

Log of Boring AEI-10

Sheet 1 of 1

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

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

Figure

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

Log of Boring AEI-11

Sheet 1 of 1

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

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

Figure

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

Log of Boring AEI-12

Sheet 1 of 1

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

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

Figure

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

Log of Boring AEI-13

Sheet 1 of 1

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

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

Figure

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

Log of Boring AEI-14

Sheet 1 of 1

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

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Asphalt		Asphalt		
				SP		Sand, very minor silt, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
			AEI-14-4'				2.6	
	5							
			AEI-14-7'				3.1	
						sand increasing in density and moisture		
						(after 20 mins) ▼		
			AEI-14-10'				7.6	
	10					(ATD) ▽		
				SP		Sand, minor silt, yellowish brown, wet, no apparent odors or staining, slightly dense		
			AEI-14-12'					
			AEI-14-15'				2.8	
	15					Bottom of Boring at 15 feet bgs		

Figure

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

Log of Boring AEI-15

Sheet 1 of 1

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

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

Figure

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

Log of Boring AEI-16

Sheet 1 of 1

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

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

Figure

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

Log of Boring AEI-17

Sheet 1 of 1

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

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

Figure

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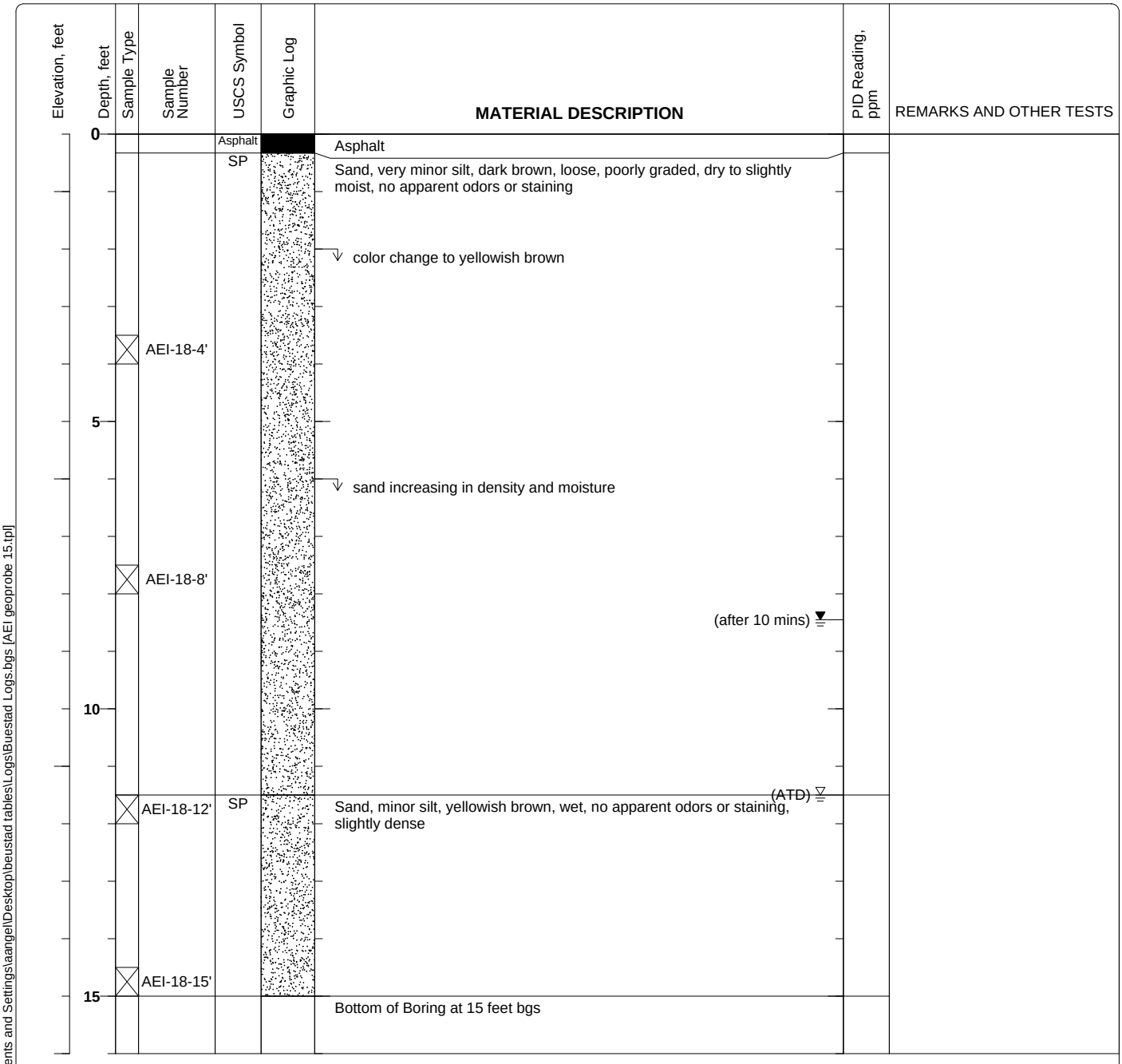
Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-18

Sheet 1 of 1

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



Figure

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

Log of Boring AEI-19

Sheet 1 of 1

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

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

Figure

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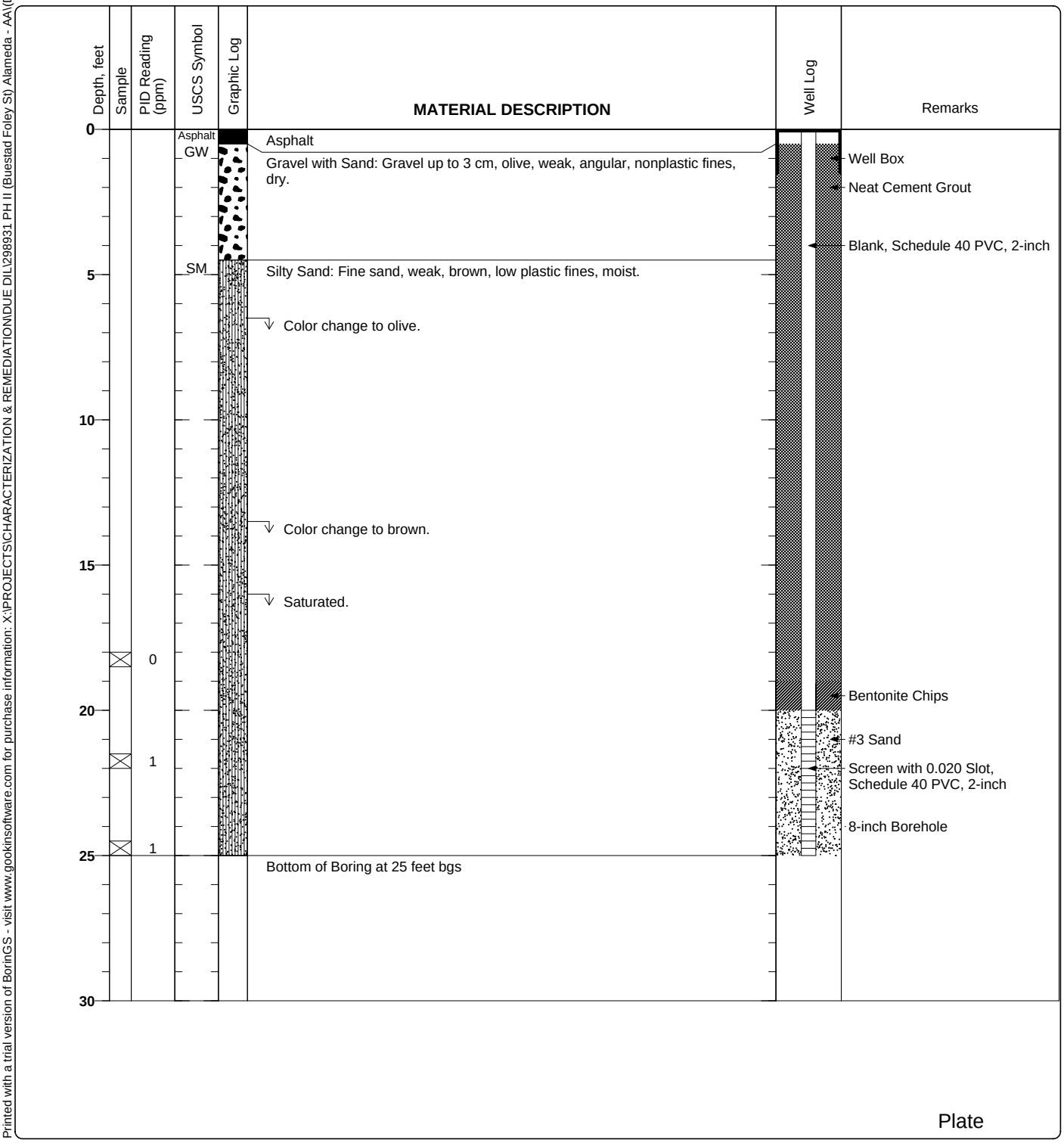
Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring AS-1

Sheet 1 of 1

Date(s) Drilled **11/14/11**	Logged By **Bryan Campbell**	Checked By **Bryan Campbell**
Drilling Method **Hollow Stem Auger**	Drill Bit Size/Type **10 inch**	Total Depth of Borehole **25 feet bgs**
Drill Rig Type **Geoprobe 6620D**	Drilling Contractor **RSI Drilling**	Surface Elevation
Groundwater Level and Date Measured	Sampling Method(s) **Direct-Push Sampler**	Hammer Data
Borehole Backfill **Well Completion**	Location **1630 Park Street, Alameda, California**	



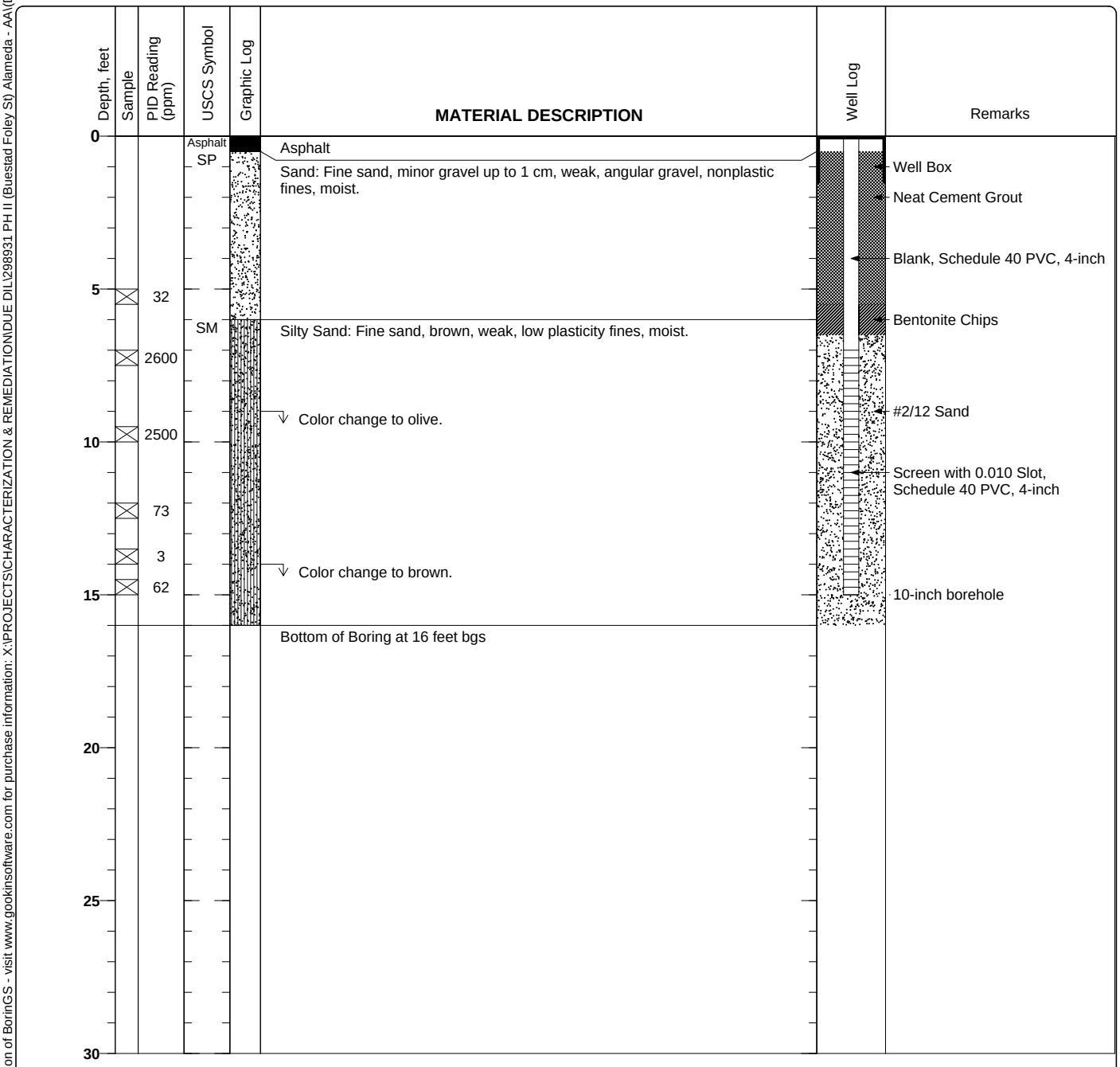
Plate

Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-1

Sheet 1 of 1

Date(s) Drilled **11/15/11**	Logged By **Bryan Campbell**	Checked By **Bryan Campbell**
Drilling Method **Hollow Stem Auger**	Drill Bit Size/Type **10 inch**	Total Depth of Borehole **16 feet bgs**
Drill Rig Type **Geoprobe 6620D**	Drilling Contractor **RSI Drilling**	Surface Elevation
Groundwater Level and Date Measured	Sampling Method(s) **Direct-Push Sampler**	Hammer Data
Borehole Backfill **Well Completion**	Location **1630 Park Street, Alameda, California**	



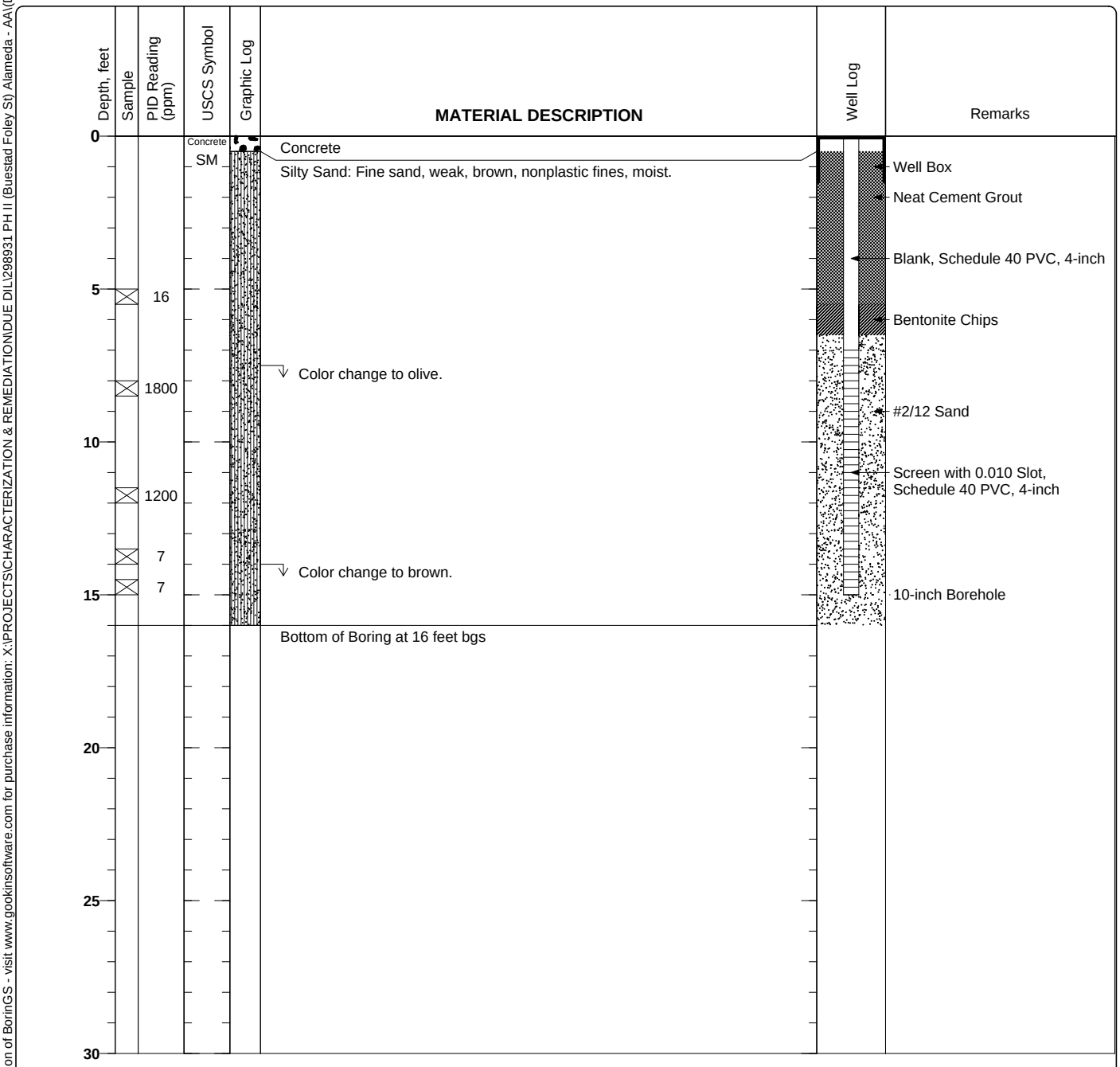
Plate

Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-2

Sheet 1 of 1

Date(s) Drilled **11/15/11**	Logged By **Bryan Campbell**	Checked By **Bryan Campbell**
Drilling Method **Hollow Stem Auger**	Drill Bit Size/Type **10 inch**	Total Depth of Borehole **16 feet bgs**
Drill Rig Type **Geoprobe 6620D**	Drilling Contractor **RSI Drilling**	Surface Elevation
Groundwater Level and Date Measured	Sampling Method(s) **Direct-Push Sampler**	Hammer Data
Borehole Backfill **Well Completion**	Location **1630 Park Street, Alameda, California**	



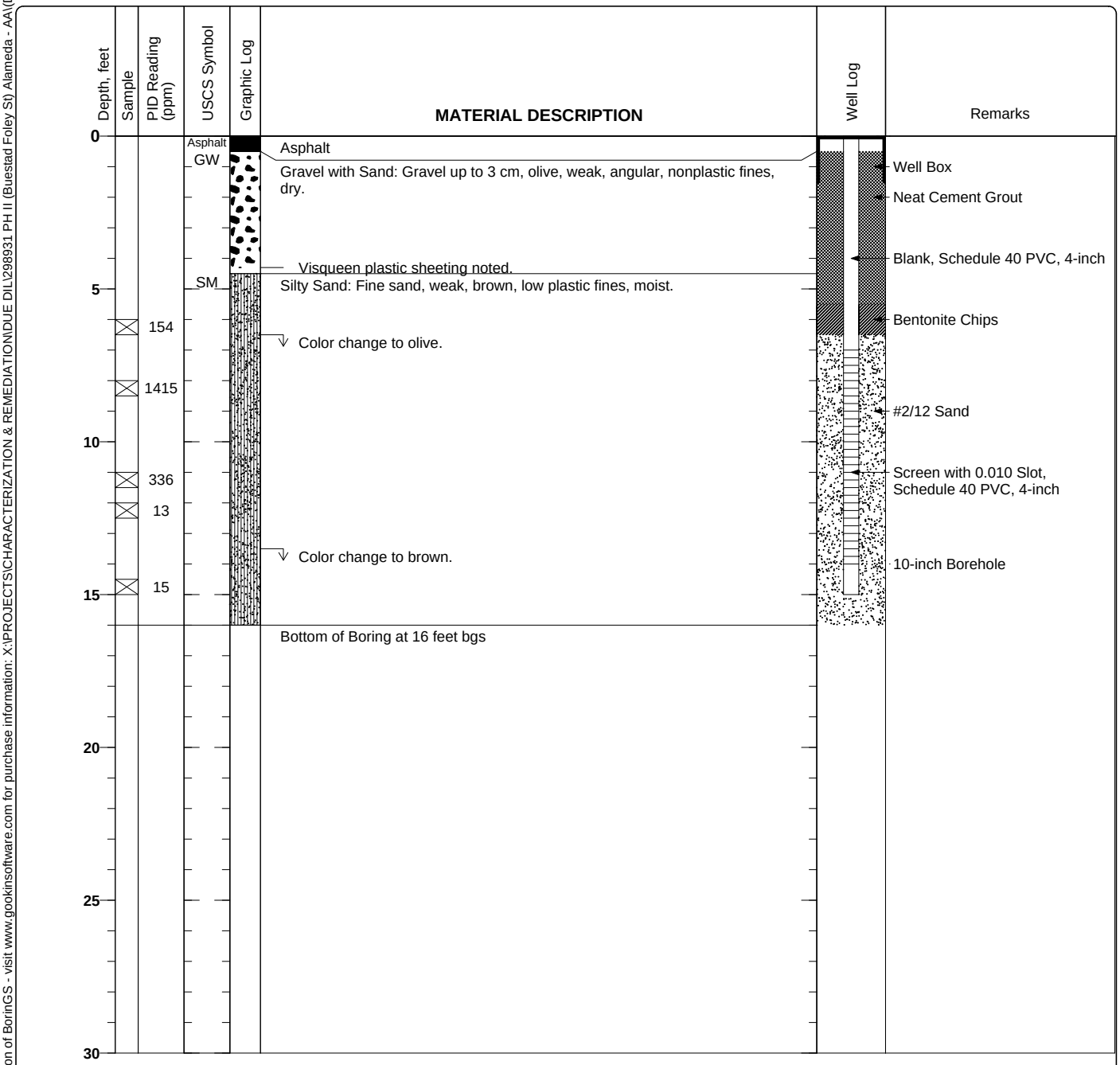
Plate

Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-3

Sheet 1 of 1

Date(s) Drilled **11/14/11**	Logged By **Bryan Campbell**	Checked By **Bryan Campbell**
Drilling Method **Hollow Stem Auger**	Drill Bit Size/Type **10 inch**	Total Depth of Borehole **16 feet bgs**
Drill Rig Type **Geoprobe 6620D**	Drilling Contractor **RSI Drilling**	Surface Elevation
Groundwater Level and Date Measured	Sampling Method(s) **Direct-Push Sampler**	Hammer Data
Borehole Backfill **Well Completion**	Location **1630 Park Street, Alameda, California**	



Plate

Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring AEI-20

Sheet 1 of 1

Date(s) Drilled **January 17, 2012**	Logged By **Harmony Tomsun**	Checked By **Bryan Campbell**
Drilling Method **Direct Push**	Drill Bit Size/Type **2 inch**	Total Depth of Borehole **15 feet bgs**
Drill Rig Type **Limited Access**	Drilling Contractor **ECA**	Approximate Surface Elevation
Groundwater Level and Date Measured **11.3 feet ATD**	Sampling Method(s) **Direct-Push Sampler**	Well Permit. **W2012-0024**
Borehole Backfill **Neat Cement**	Location **1630 Park Street, Alameda, California**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Asphalt		Conrete and Fill		
				SM		Silty sand, mottled reddish brown, coarse grained, brittle.		
			AEI-20-3.5	SP		Poorly graded, fine grained sand, light brown, moderately loose.	<1	
	5			SW		Medium to coarse grained sand, yellowish red, moderately loose.		
			AEI-20-7.5	SM		Silty sand, (20% silt), mottled greenish grey and light grey, moderately soft and loose, hydrocarbon odors.	78.1	
	10		AEI-20-11			(ATD) ▽	104.3	
				SP		Fine grained sand, yellowish brown, moist to wet, compact.		
			AEI-20-15				26.7	
	15					Bottom of Boring at 15 feet bgs. Groundwater sample collected.		
	20							

Figure

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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring AEI-21

Sheet 1 of 1

Date(s) Drilled **January 17, 2012**	Logged By **Harmony Tomsun**	Checked By **Bryan Campbell**
Drilling Method **Direct Push**	Drill Bit Size/Type **2 inch**	Total Depth of Borehole **14 feet bgs**
Drill Rig Type **Limited Access**	Drilling Contractor **ECA**	Approximate Surface Elevation
Groundwater Level and Date Measured **10.7 feet ATD**	Sampling Method(s) **Direct-Push Sampler**	Well Permit. **W2012-0024**
Borehole Backfill **Neat Cement**	Location **1630 Park Street, Alameda, California**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Asphalt		Conrete and Fill		
				SM		Silty sand, dark brown and mottled red, hard.		
				SM		Becomes yellowish brown, fine grained, cohesive, friable.		
		X	AEI-21-3				<1	
				SM		Becomes fine to medium grained sand.		
	5	X	AEI-21-7				<1	
		X	AEI-21-9	SM		Silty sand (20% silt), greyish green, non-plastic.	32.9	
	10					(ATD) ▽		
		X	AEI-21-11				61.5	
				SP		Sand, yellowish brown, wet, hard, friable, cohesive.		
		X	AEI-21-14				17.9	
						Bottom of Boring at 14 feet bgs. Groundwater Sample Collected.		
	15							
	20							

Figure

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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring AEI-22

Sheet 1 of 1

Date(s) Drilled **January 17, 2012**	Logged By **Harmony Tomsun**	Checked By **Bryan Campbell**
Drilling Method **Direct Push**	Drill Bit Size/Type **2 inch**	Total Depth of Borehole **15 feet bgs**
Drill Rig Type **Limited Access**	Drilling Contractor **ECA**	Approximate Surface Elevation
Groundwater Level and Date Measured **10.9 feet ATD**	Sampling Method(s) **Direct-Push Sampler**	Well Permit. **W2012-0024**
Borehole Backfill **Neat Cement**	Location **1630 Park Street, Alameda, California**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Asphalt		Conrete and Fill		
				SM		Silty sand, dark brown and mottled reddish brown, hard, slightly friable.		
				SM		Silty sand, dark yellowish brown, fine to medium grained, moist, loose, friable.		
		X	AEI-22-4				<1	
	5							
		X	AEI-22-7				<1	
				SM		Silty sand, yellowish red, fine grained sand, moderately loose.		
				SM		Silty sand (20% silt), greenish grey, fine grained sand, non-plastic, wet.		
		X	AEI-22-9				9.4	
	10					(ATD) ▽		
		X	AEI-22-11				13.8	
				SM		Silty sand, light yellowish brown, non-plastic.		
		X	AEI-22-14				5.4	
	15					Bottom of Boring at 15 feet bgs. Groundwater Sample Collected.		
	20							

Figure

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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring AEI-23

Sheet 1 of 1

Date(s) Drilled **January 17, 2012**	Logged By **Harmony Tomsun**	Checked By **Bryan Campbell**
Drilling Method **Direct Push**	Drill Bit Size/Type **2 inch**	Total Depth of Borehole **14.5 feet bgs**
Drill Rig Type **Limited Access**	Drilling Contractor **ECA**	Approximate Surface Elevation
Groundwater Level and Date Measured **10.09 feet ATD**	Sampling Method(s) **Direct-Push Sampler**	Well Permit. **W2012-0024**
Borehole Backfill **Neat Cement**	Location **1630 Park Street, Alameda, California**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Asphalt		Conrete and Fill		
				SM		Sandy silt, black and mottled orange.		
		☒	AEI-23-3				<1	
				SM		Light yellowish brown sand, increasing compactness with depth.		
	5							
		☒	AEI-23-6				1.7	
				SW		Sand, greenish grey, fine to medium grained, moist to wet.		
		☒	AEI-23-9.5			(ATD) ▽	39.8	
	10							
		☒	AEI-23-12.5				75.1	
				SP		Fine grained sand, yellowish brown, wet.		
		☒	AEI-23-14.5				11.2	
	15					Bottom of Boring at 14.5 feet bgs. Groundwater Sample Collected.		
	20							

Figure

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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring AEI-24

Sheet 1 of 1

Date(s) Drilled **January 17, 2012**	Logged By **Harmony Tomsun**	Checked By **Bryan Campbell**
Drilling Method **Direct Push**	Drill Bit Size/Type **2 inch**	Total Depth of Borehole **16 feet bgs**
Drill Rig Type **Limited Access**	Drilling Contractor **ECA**	Approximate Surface Elevation
Groundwater Level and Date Measured **11.4 feet ATD**	Sampling Method(s) **Direct-Push Sampler**	Well Permit. **W2012-0024**
Borehole Backfill **Neat Cement**	Location **1630 Park Street, Alameda, California**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Asphalt		Conrete and Fill		
				SM		Sandy silt, black, friable, dry, trace subangular fine gravel. Non-plastic.		
		X	AEI-24-3.5				<1	
				SM		Silty sand, reddish yellowish brown, non-plastic, moist, slightly friable.		
	5							
		X	AEI-24-7				9.8	
				SM		Silty sand, light olive brown, moist, moderately loose.		
	10							
		X	AEI-24-10.5			(ATD) ▽	19.4	
				SW		Sand with trace gravel, reddish, yellowish brown, fine to medium grained, wet.		
		X	AEI-24-13				<1	
	15							
						Bottom of Boring at 16 feet bgs. Groundwater Sample Collected.		
	20							

Figure

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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring AEI-25

Sheet 1 of 1

Date(s) Drilled **January 17, 2012**	Logged By **Harmony Tomsun**	Checked By **Bryan Campbell**
Drilling Method **Direct Push**	Drill Bit Size/Type **2 inch**	Total Depth of Borehole **15 feet bgs**
Drill Rig Type **Limited Access**	Drilling Contractor **ECA**	Approximate Surface Elevation
Groundwater Level and Date Measured **10.8 feet ATD**	Sampling Method(s) **Direct-Push Sampler**	Well Permit. **W2012-0024**
Borehole Backfill **Neat Cement**	Location **1630 Park Street, Alameda, California**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Asphalt		Conrete and Fill		
				SM		Sandy silt, black mottled with red/orange, slightly friable, dry, cohesive.		
			AEI-25-4	SM		Silty sand, reddish yellowish brown, moist	<1	
	5		AEI-25-7.5				<1	
				SP		Fine to medium grained sand, yellowish brown, moist, wet at 12 feet.		
	10		AEI-25-10			(ATD) ▽	23.2	
				SM		Silty sand, reddish yellow, fine to medium grained, non-plastic, wet, expansive.		
			AEI-25-14				<1	
	15					Bottom of Boring at 15 feet bgs. Groundwater Sample Collected.		
	20							

Figure

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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring AEI-26

Sheet 1 of 1

Date(s) Drilled **January 17, 2012**	Logged By **Harmony Tomsun**	Checked By **Bryan Campbell**
Drilling Method **Direct Push**	Drill Bit Size/Type **2 inch**	Total Depth of Borehole **14 feet bgs**
Drill Rig Type **Limited Access**	Drilling Contractor **ECA**	Approximate Surface Elevation
Groundwater Level and Date Measured **11.8 feet ATD**	Sampling Method(s) **Direct-Push Sampler**	Well Permit. **W2012-0024**
Borehole Backfill **Neat Cement**	Location **1630 Park Street, Alameda, California**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Asphalt		Conrete and Fill		
				SM		Silty sand, dark brown mottled with red/orange, hard, friable.		
				SM		Silty sand, yellowish brown mottled reddish yellow, cohesive, friable, moist.		
			AEI-26-4				<1	
	5							
			AEI-26-7.5				<1	
	10							
			AEI-26-10.5	SP		Silty sand, dark brown, non-plastic, wet.	6.3	
						(ATD) ▽		
			AEI-26-14				<1	
						Bottom of Boring at 14 feet bgs. Groundwater Sample Collected.		
	15							
	20							

Figure

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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring AEI-27

Sheet 1 of 1

Date(s) Drilled **January 17, 2012**	Logged By **Harmony Tomsun**	Checked By **Bryan Campbell**
Drilling Method **Direct Push**	Drill Bit Size/Type **2 inch**	Total Depth of Borehole **15 feet bgs**
Drill Rig Type **Limited Access**	Drilling Contractor **ECA**	Approximate Surface Elevation
Groundwater Level and Date Measured **9.7 feet ATD**	Sampling Method(s) **Direct-Push Sampler**	Well Permit. **W2012-0024**
Borehole Backfill **Neat Cement**	Location **1630 Park Street, Alameda, California**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Asphalt		Asphalt and Fill		
				SM		Sandy silt, black and mottled red, hard, friable.		
		X	AEI-27-3	SM		Silty sand, reddish yellowish brown, moist.	<1	
	5	X	AEI-27-8				<1	
				SM		Sand with silt, yellowish brown. (ATD) ▽		
	10	X	AEI-27-10.5				<1	
				SM		Silty sand, dark yellowish brown, non-plastic, wet, fine grained sand.		
		X	AEI-27-14				<1	
	15					Bottom of Boring at 15 feet bgs. Groundwater sample collected.		
	20							

Figure

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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring AEI-28

Sheet 1 of 1

Date(s) Drilled **January 17, 2012**	Logged By **Harmony Tomsun**	Checked By **Bryan Campbell**
Drilling Method **Direct Push**	Drill Bit Size/Type **2 inch**	Total Depth of Borehole **16 feet bgs**
Drill Rig Type **Limited Access**	Drilling Contractor **ECA**	Approximate Surface Elevation
Groundwater Level and Date Measured **10.61 feet ATD**	Sampling Method(s) **Direct-Push Sampler**	Well Permit. **W2012-0024**
Borehole Backfill **Neat Cement**	Location **1630 Park Street, Alameda, California**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Asphalt		Concrete and Fill		
				SM		Sandy silt, black/dark brown and mottled red/orange.		
			AEI-28-3	SM		Silty sand, light yellowish brown, (20% silt), increasing grain size with depth.	<1	
	5		AEI-28-6				<1	
	10		AEI-28-10.5	SM		Silty sand, greenish grey, wet, moderately loose (20% silt). (ATD) ▽	32.8	
			AEI-28-13.5	SM		Silty sand, light yellowish brown, non-plastic, wet, loose.	1.4	
	15					Bottom of Boring at 16 feet bgs. Groundwater sample collected.		
	20							

Figure

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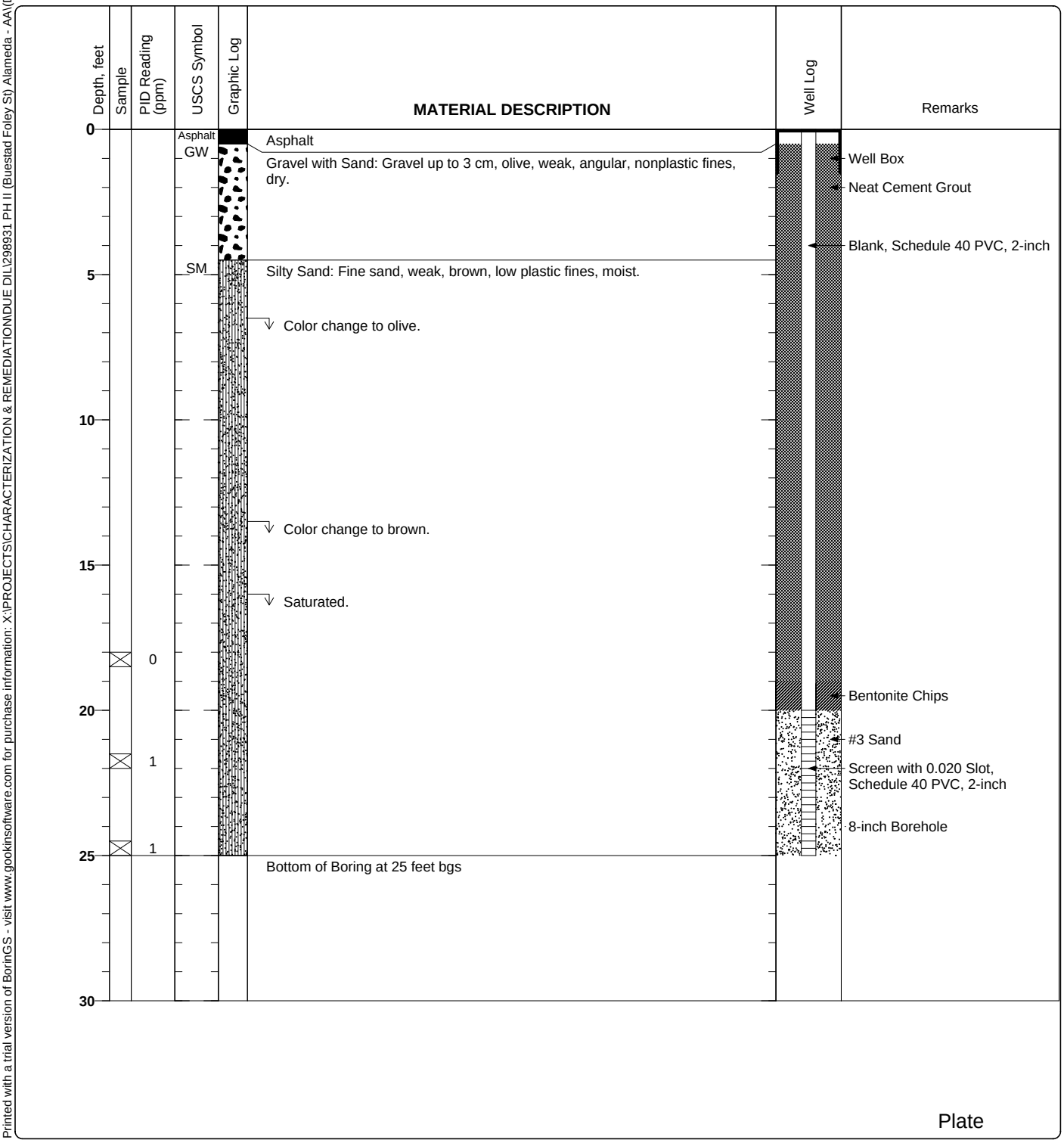
Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring AS-1

Sheet 1 of 1

Date(s) Drilled **11/14/11**	Logged By **Bryan Campbell**	Checked By **Bryan Campbell**
Drilling Method **Hollow Stem Auger**	Drill Bit Size/Type **10 inch**	Total Depth of Borehole **25 feet bgs**
Drill Rig Type **Geoprobe 6620D**	Drilling Contractor **RSI Drilling**	Surface Elevation
Groundwater Level and Date Measured	Sampling Method(s) **Direct-Push Sampler**	Hammer Data
Borehole Backfill **Well Completion**	Location **1630 Park Street, Alameda, California**	



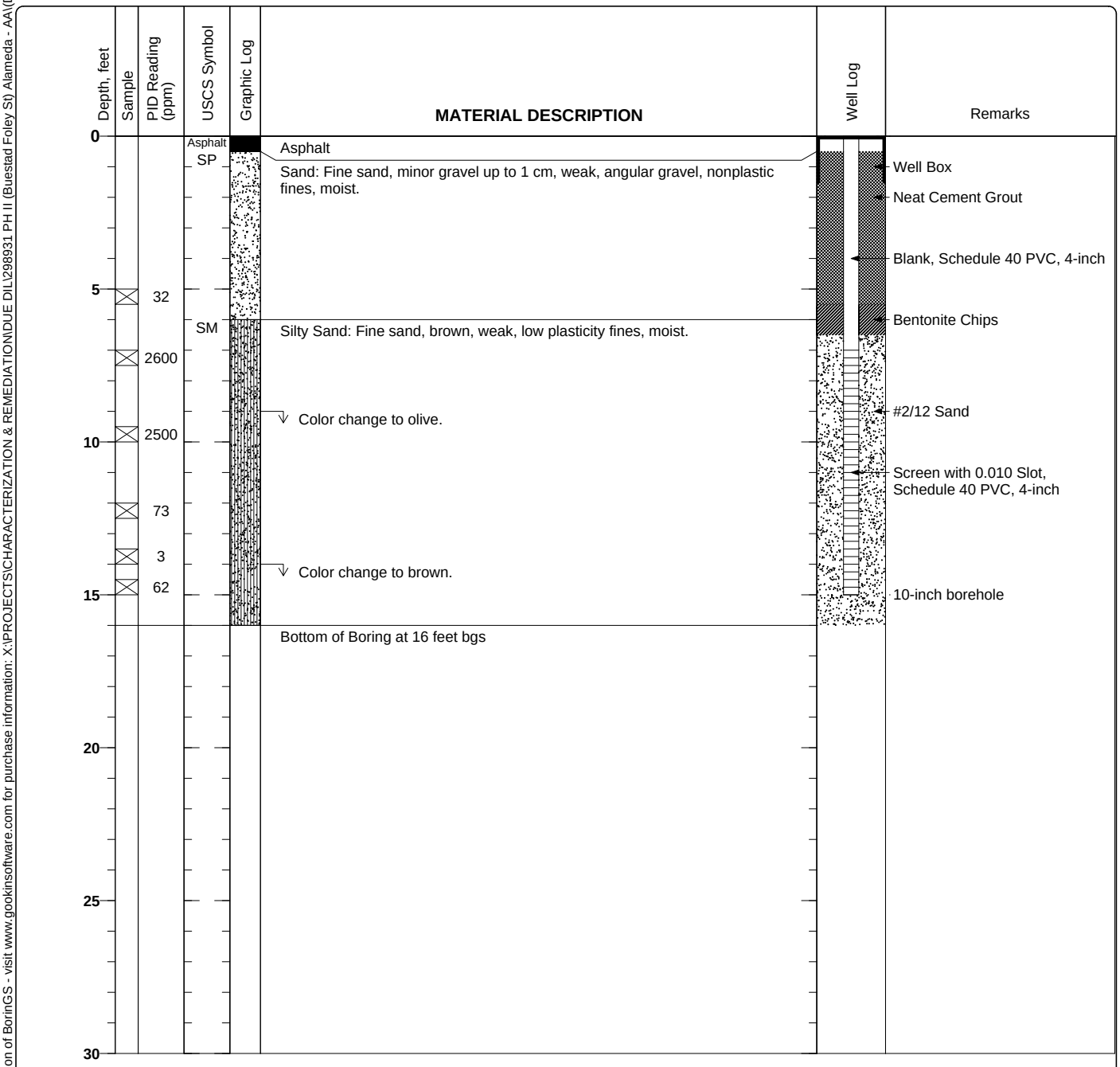
Plate

Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-1

Sheet 1 of 1

Date(s) Drilled **11/15/11**	Logged By **Bryan Campbell**	Checked By **Bryan Campbell**
Drilling Method **Hollow Stem Auger**	Drill Bit Size/Type **10 inch**	Total Depth of Borehole **16 feet bgs**
Drill Rig Type **Geoprobe 6620D**	Drilling Contractor **RSI Drilling**	Surface Elevation
Groundwater Level and Date Measured	Sampling Method(s) **Direct-Push Sampler**	Hammer Data
Borehole Backfill **Well Completion**	Location **1630 Park Street, Alameda, California**	



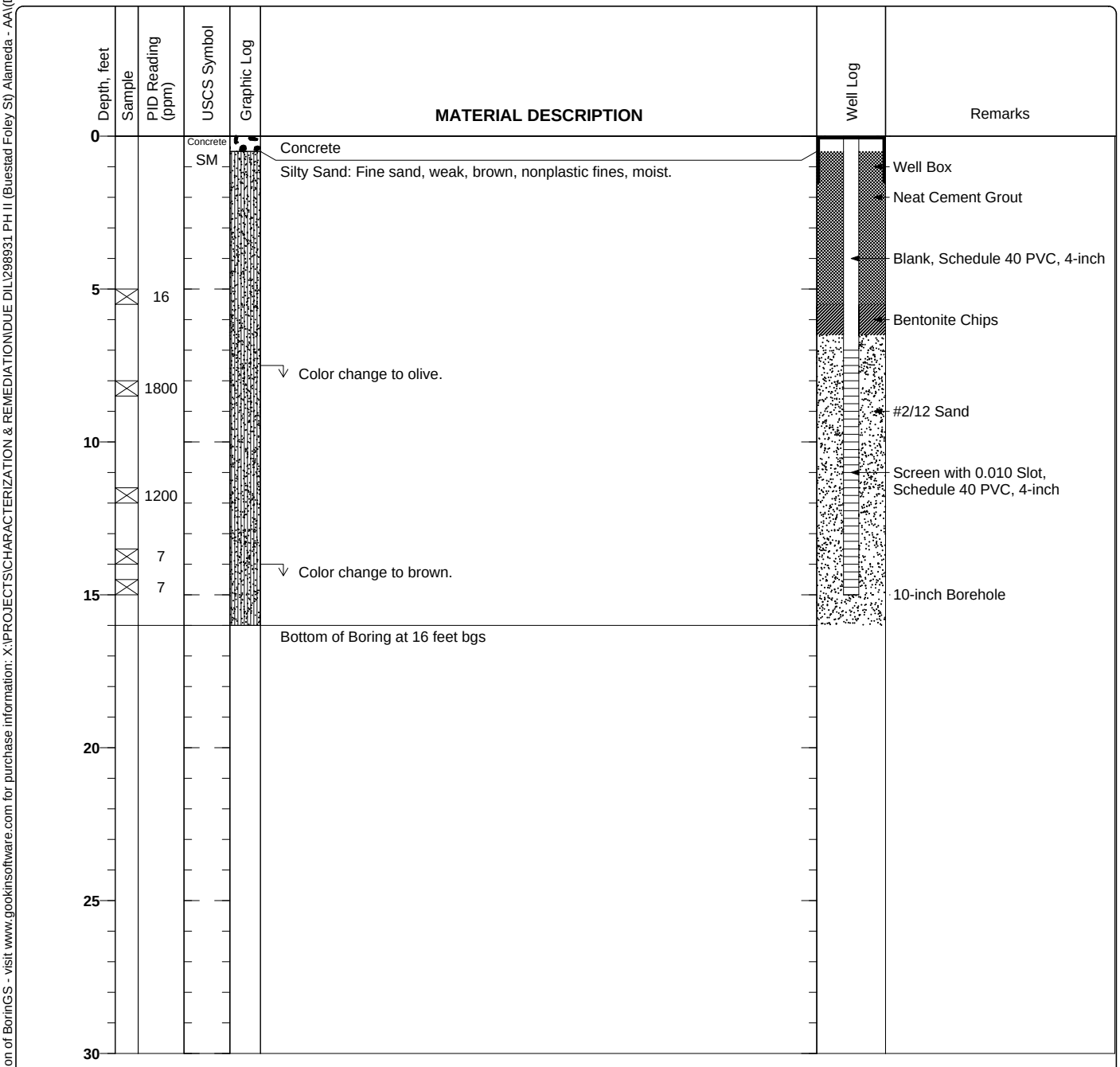
Plate

Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-2

Sheet 1 of 1

Date(s) Drilled **11/15/11**	Logged By **Bryan Campbell**	Checked By **Bryan Campbell**
Drilling Method **Hollow Stem Auger**	Drill Bit Size/Type **10 inch**	Total Depth of Borehole **16 feet bgs**
Drill Rig Type **Geoprobe 6620D**	Drilling Contractor **RSI Drilling**	Surface Elevation
Groundwater Level and Date Measured	Sampling Method(s) **Direct-Push Sampler**	Hammer Data
Borehole Backfill **Well Completion**	Location **1630 Park Street, Alameda, California**	



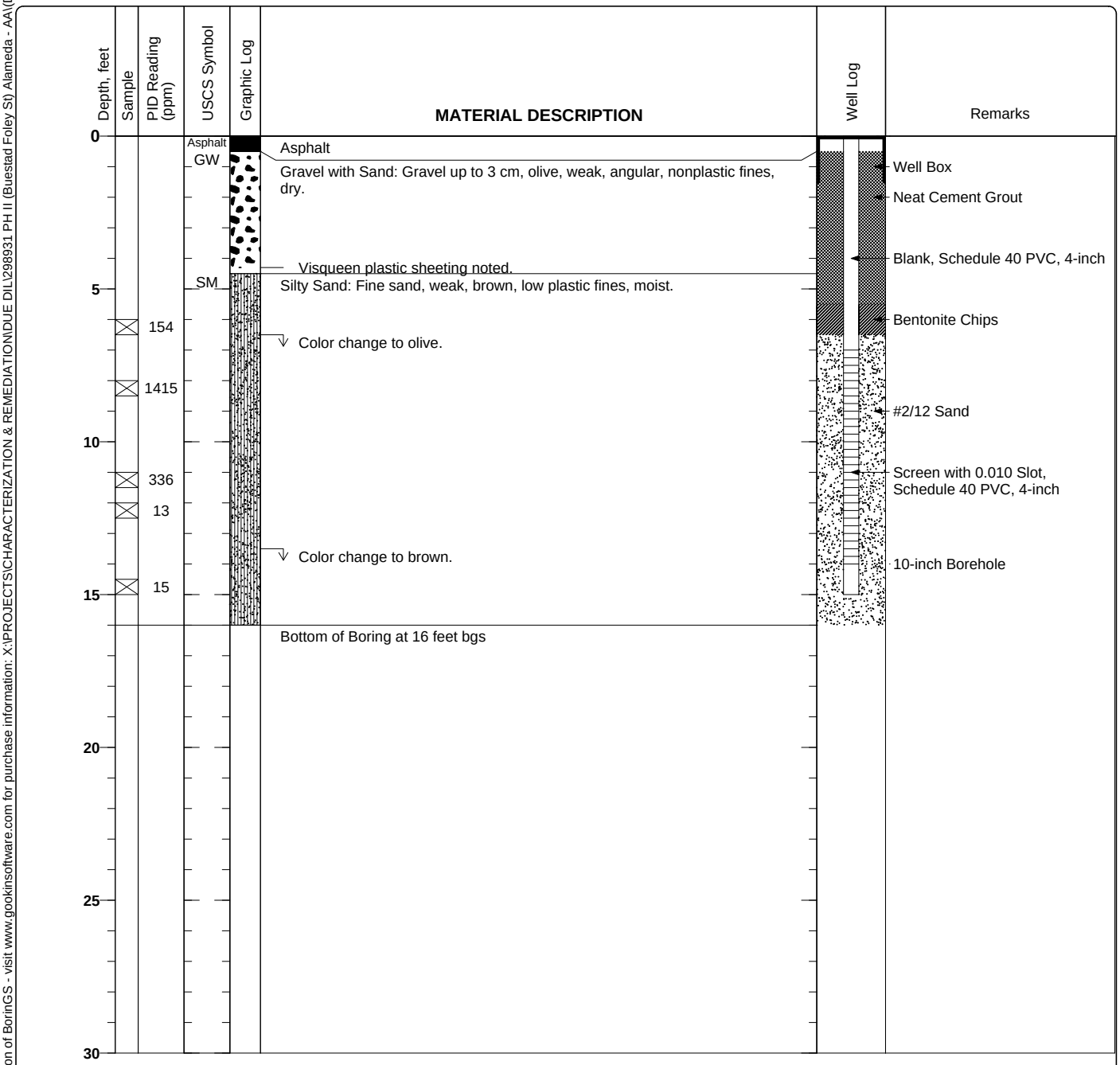
Plate

Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-3

Sheet 1 of 1

Date(s) Drilled **11/14/11**	Logged By **Bryan Campbell**	Checked By **Bryan Campbell**
Drilling Method **Hollow Stem Auger**	Drill Bit Size/Type **10 inch**	Total Depth of Borehole **16 feet bgs**
Drill Rig Type **Geoprobe 6620D**	Drilling Contractor **RSI Drilling**	Surface Elevation
Groundwater Level and Date Measured	Sampling Method(s) **Direct-Push Sampler**	Hammer Data
Borehole Backfill **Well Completion**	Location **1630 Park Street, Alameda, California**	



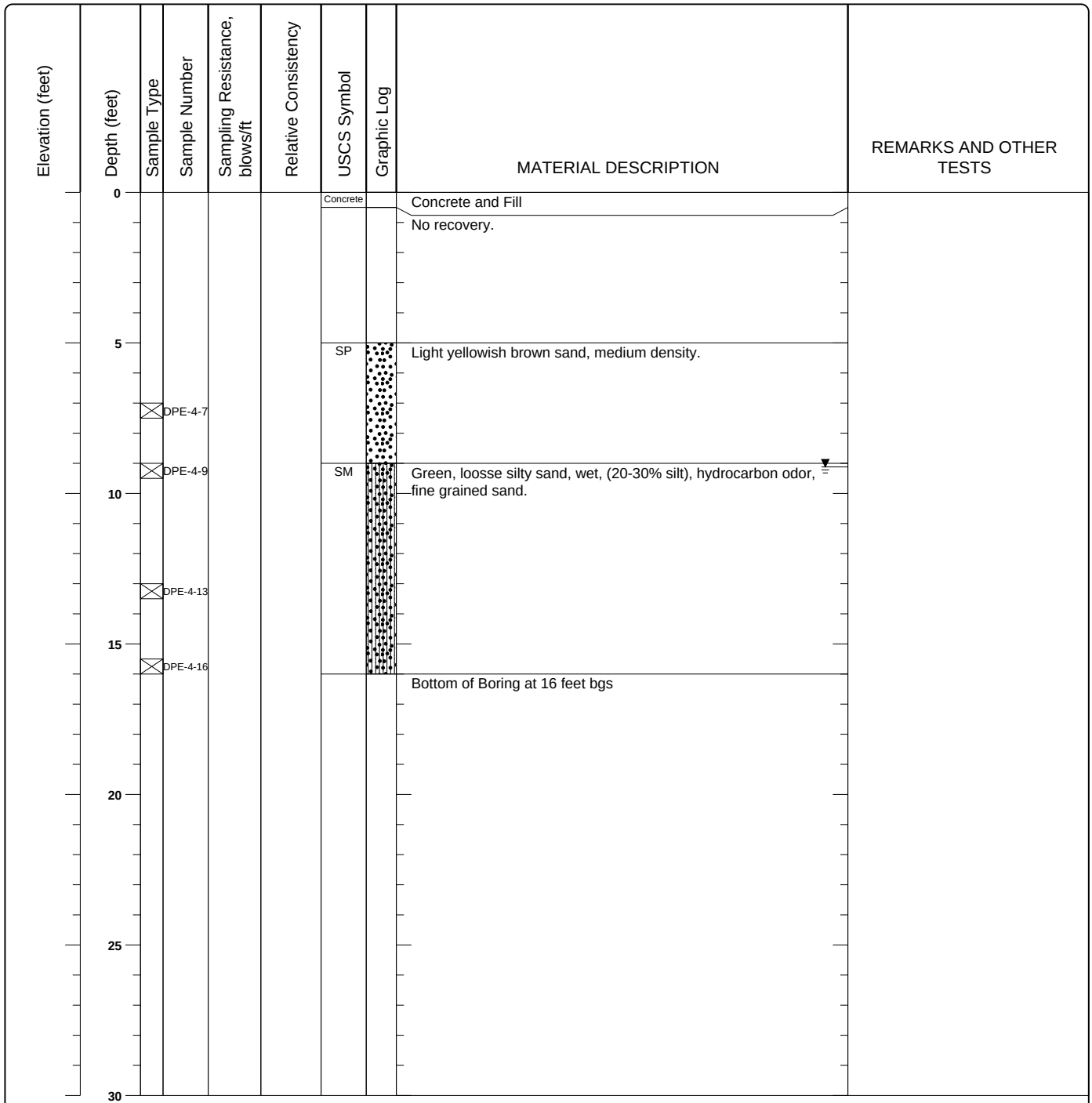
Plate

Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-4

Sheet 1 of 1

Date(s) Drilled January 19, 2012	**Logged By** Harmony Tomsun	**Checked By** Bryan Campbell
Drilling Method Hollow Stem Auger	**Drill Bit Size/Type** 10 inch	**Total Depth of Borehole** 17 feet bgs
Drill Rig Type MARL 5T	**Drilling Contractor** Gregg Drilling	**Approximate Surface Elevation**
Groundwater Level and Date Measured 9.12 feet measured on 1/23/12	**Sampling Method(s)** Direct-Push Sampler	**Hammer Data** W2012-0055
Borehole Backfill Well Completion	**Location** 1630 Park Street, Alameda, California	



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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-5

Sheet 1 of 1

Date(s) Drilled January 20, 2012	**Logged By** Harmony Tomsun	**Checked By** Bryan Campbell
Drilling Method Hollow Stem Auger	**Drill Bit Size/Type** 10 inch	**Total Depth of Borehole** 18 feet bgs
Drill Rig Type MARL 5T	**Drilling Contractor** Gregg Drilling	**Approximate Surface Elevation**
Groundwater Level and Date Measured 8.85 feet measured on 1/23/12	**Sampling Method(s)** Direct-Push Sampler	**Hammer Data** W2012-0055
Borehole Backfill Well Completion	**Location** 1630 Park Street, Alameda, California	

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	Sampling Resistance, blows/ft	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
	0					Concrete		Concrete and Fill	
						SM		Sandy silt, black/pale brown	
	5					SM		Silty sand, brown (7.5YR 4/4), moderately loose, 40% silt.	
			DPE-5-8			SM		Sand with silt (30%), very dark greyish brown (5G 3/2), moderately loose, very moist to wet, hydrocarbon odor. ▼	
	10		DPE-5-11			SM		↓Sheen observed	
			DPE-5-14			SM		silty, clayeye sand, yellowish brown, wet, no plasticity.	
	15		DPE-5-18					Bottom of Boring at 18 feet bgs	
	20								
	25								
	30								

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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-6

Sheet 1 of 1

Date(s) Drilled January 19, 2012	**Logged By** Harmony Tomsun	**Checked By** Bryan Campbell
Drilling Method Hollow Stem Auger	**Drill Bit Size/Type** 10 inch	**Total Depth of Borehole** 18 feet bgs
Drill Rig Type MARL 5T	**Drilling Contractor** Gregg Drilling	**Approximate Surface Elevation**
Groundwater Level and Date Measured 8.59 feet measured on 1/23/12	**Sampling Method(s)** Direct-Push Sampler	**Hammer Data** W2012-0055
Borehole Backfill Well Completion	**Location** 1630 Park Street, Alameda, California	

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	Sampling Resistance, blows/ft	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
	0					Concrete		Concrete and Fill	
								No recovery.	
	5					SP		Fine grained sand, borwn (7.5YR 4/4)	
						SM		Silty sand with (20-30% clay), dark yellowish brown (10YR 3/6), moderate plasticity, firable.	
			DPE-6-7			SM		Sand with 30% silt, greyish green (5G 4/2), moderately loose, moist, hydrocarbon odor. ▼	
	10		DPE-6-10						
								Yellowish brown 10YR 5/6	
			DPE-6-1						
	15		DPE-6-14			SM		Silty sand, yellowish brown, no plasticity, saturated, loose.	
								Bottom of Boring at 18 feet bgs	
	20								
	25								
	30								

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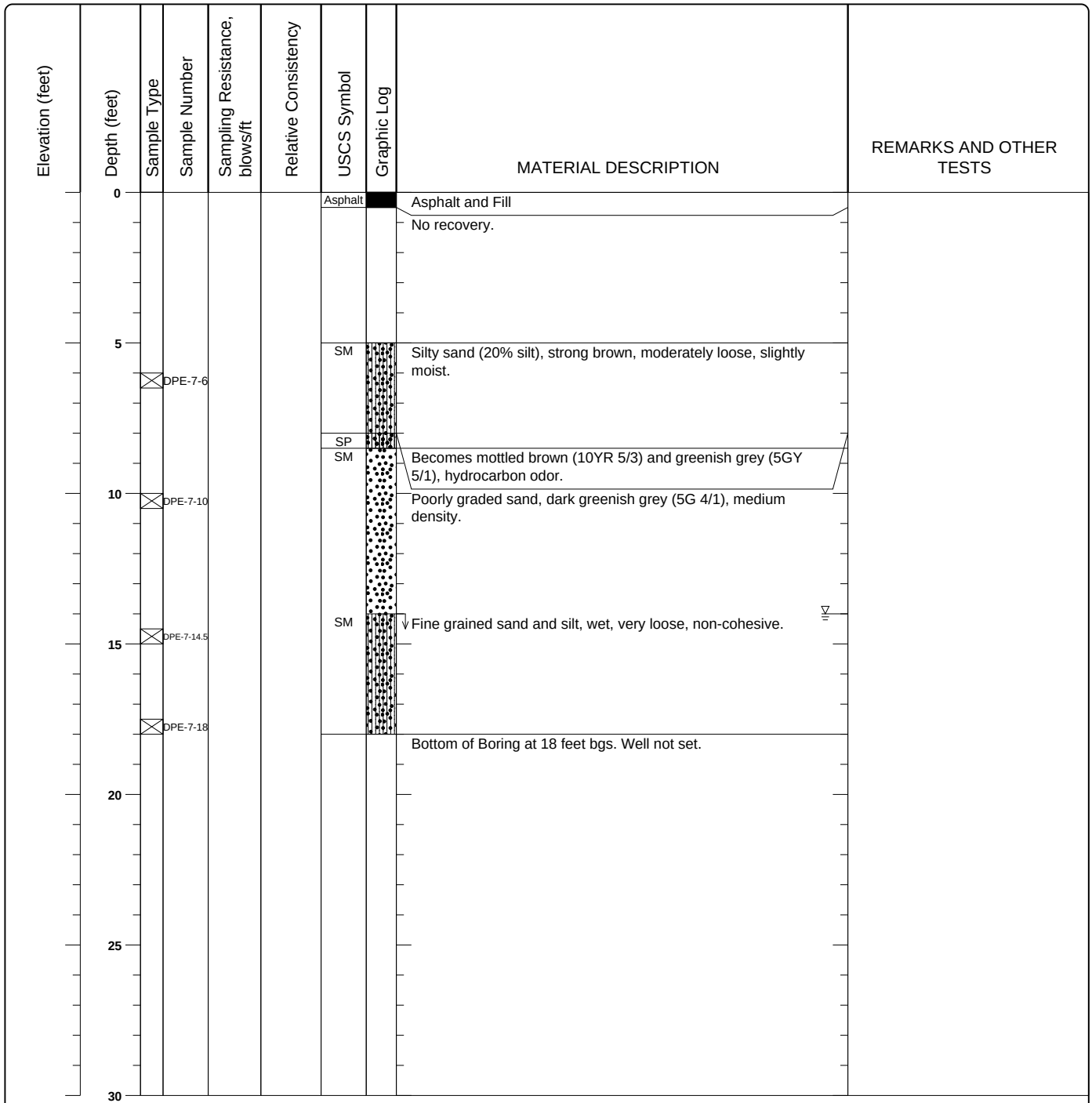
Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-7

Sheet 1 of 1

Date(s) Drilled January 19, 2012	**Logged By** Harmony Tomsun	**Checked By** Bryan Campbell
Drilling Method Hollow Stem Auger	**Drill Bit Size/Type** 10 inch	**Total Depth of Borehole** 18 feet bgs
Drill Rig Type MARL 5T	**Drilling Contractor** Gregg Drilling	**Approximate Surface Elevation**
Groundwater Level and Date Measured 14 feet ATD	**Sampling Method(s)** Direct-Push Sampler	**Hammer Data** W2012-0055
Borehole Backfill Well Completion	**Location** 1630 Park Street, Alameda, California	



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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-8

Sheet 1 of 1

Date(s) Drilled January 20, 2012	**Logged By** Harmony Tomsun	**Checked By** Bryan Campbell
Drilling Method Hollow Stem Auger	**Drill Bit Size/Type** 10 inch	**Total Depth of Borehole** 18 feet bgs
Drill Rig Type MARL 10T	**Drilling Contractor** Gregg Drilling	**Approximate Surface Elevation**
Groundwater Level and Date Measured 8.21 feet measured on 1/23/12	**Sampling Method(s)**	**Hammer Data** W2012-0055
Borehole Backfill Well Completion	**Location** 1630 Park Street, Alameda, California	

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	Sampling Resistance, blows/ft	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
	0					Asphalt		Asphalt and Fill Well Not Logged.	
	5								
	10								
	15								
	20							Bottom of Boring at 18 feet bgs	
	25								
	30								

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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-9

Sheet 1 of 1

Date(s) Drilled January 20, 2012	**Logged By** Harmony Tomsun	**Checked By** Bryan Campbell
Drilling Method Hollow Stem Auger	**Drill Bit Size/Type** 10 inch	**Total Depth of Borehole** 18 feet bgs
Drill Rig Type MARL 10T	**Drilling Contractor** Gregg Drilling	**Approximate Surface Elevation**
Groundwater Level and Date Measured 8.16 feet measured on 1/23/12	**Sampling Method(s)**	**Hammer Data** W2012-0055
Borehole Backfill Well Completion	**Location** 1630 Park Street, Alameda, California	

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	Sampling Resistance, blows/ft	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
	0					Asphalt		Asphalt and Fill Well Not Logged.	
	5								
	10								
	15								
	20							Bottom of Boring at 18 feet bgs	
	25								
	30								

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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-10

Sheet 1 of 1

Date(s) Drilled January 20, 2012	**Logged By** Harmony Tomsun	**Checked By** Bryan Campbell
Drilling Method Hollow Stem Auger	**Drill Bit Size/Type** 10 inch	**Total Depth of Borehole** 17 feet bgs
Drill Rig Type MARL 10T	**Drilling Contractor** Gregg Drilling	**Approximate Surface Elevation**
Groundwater Level and Date Measured 8.32 feet measured on 1/23/12	**Sampling Method(s)**	**Hammer Data** W2012-0055
Borehole Backfill Well Completion	**Location** 1630 Park Street, Alameda, California	

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	Sampling Resistance, blows/ft	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
	0					Asphalt		Asphalt and Fill Well Not Logged.	
	5								
	10								
	15								
								Bottom of Boring at 17 feet bgs	
	20								
	25								
	30								

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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-11

Sheet 1 of 1

Date(s) Drilled January 20, 2012	**Logged By** Harmony Tomsun	**Checked By** Bryan Campbell
Drilling Method Hollow Stem Auger	**Drill Bit Size/Type** 10 inch	**Total Depth of Borehole** 18 feet bgs
Drill Rig Type MARL 10T	**Drilling Contractor** Gregg Drilling	**Approximate Surface Elevation**
Groundwater Level and Date Measured 8.79 feet measured on 1/23/12	**Sampling Method(s)**	**Hammer Data** W2012-0055
Borehole Backfill Well Completion	**Location** 1630 Park Street, Alameda, California	

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	Sampling Resistance, blows/ft	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
	0					Asphalt		Asphalt and Fill Well Not Logged.	
	5								
	10								
	15								
	20							Bottom of Boring at 18 feet bgs	
	25								
	30								

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