

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

ALEX BRISCOE, Director



ENVIRONMENTAL HEALTH DEPARTMENT
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

November 10, 2014

Mr. John Buestad
Foley Street Investments LLC
2533 Clement Avenue
Alameda, CA 94501
(Sent via E-mail to: john@buestad.com)

Mr. John F. Buono, Jr.
Good Chevrolet
P.O. Box 1730
Alameda, CA 94501

Subject: Case Closure for Fuel Leak Case No. RO0000008 and GeoTracker Global ID T0600100655,
Good Chevrolet Parcel B, 1630 Park Street, Alameda, CA 94501

Dear Gentlemen:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25296.10[g]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Health (ACEH) is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed. This case closure letter and the case closure summary can also be viewed on the State Water Resources Control Board's Geotracker website (<http://geotracker.waterboards.ca.gov>) and the Alameda County Environmental Health website (<http://www.acgov.org/aceh/index.htm>).

Site management requirements do not appear to be necessary. However, excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities.

If you have any questions, please call Karel Detterman at (510) 567-6708. Thank you.

Sincerely,

A handwritten signature in blue ink that reads 'Dilan Roe'.

Dilan Roe, P.E.
LOP and SCP Program Manager

Enclosures: 1. Remedial Action Completion Certification
2. Case Closure Summary

cc with enclosures:

Jeremy Smith, AEI Consulting, (sent via e-mail to: jasmith@aeiconsultants.com)
Tom Graf, Grafcon, (sent via e-mail to: tom@grafcon.us)
Dilan Roe, ACEH, (sent via e-mail to: dilan.roe@acgov.org)
Karel Detterman, ACEH, (sent via e-mail to: karel.detterman@acgov.org)
Geotracker, Electronic File

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

ALEX BRISCOE, Agency Director



DEPARTMENT OF ENVIRONMENTAL HEALTH
OFFICE OF THE DIRECTOR
1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502
(510) 567-6777
FAX (510) 337-9135

REMEDIAL ACTION COMPLETION CERTIFICATION

November 10, 2014

Mr. John Buestad
Foley Street Investments LLC
2533 Clement Avenue
Alameda, CA 94501
(Sent via E-mail to: john@buestad.com)

Mr. John F. Buono, Jr.
Good Chevrolet
P.O. Box 1730
Alameda, CA 94501

Subject: Case Closure for Fuel Leak Case No. RO0000008 and GeoTracker Global ID T0600100655,
Good Chevrolet Parcel B, 1630 Park Street, Alameda, CA 94501

Dear Gentlemen:

This letter confirms the completion of a site investigation and remedial action for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

Please be aware that claims for reimbursement of corrective action costs submitted to the Underground Storage Tank Cleanup Fund more than 365 days after the date of this letter or issuance or activation of the Fund's Letter of Commitment, whichever occurs later, will not be reimbursed unless one of the following exceptions applies:

- Claims are submitted pursuant to Section 25299.57, subdivision (k) (reopened UST case); or
- Submission within the timeframe was beyond the claimant's reasonable control, ongoing work is required for closure that will result in the submission of claims beyond that time period, or that under the circumstances of the case, it would be unreasonable or inequitable to impose the 365-day time period.

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the Health and Safety Code. Please contact our office if you have any questions regarding this matter.

Sincerely,


Ariu Levi
Director

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK - LOCAL OVERSIGHT PROGRAM

I. AGENCY INFORMATION

Date: November 10, 2014

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6708
Responsible Staff Person: Karel Detterman	Title: Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Good Chevrolet Parcel B		
Site Facility Address: 1630 Park Street, Alameda, CA 94501		
RB Case No.: 01-0711	STID No. 906	LOP Case No.: RO0000008
GeoTracker ID: T0600100655		APN: 70-191-35-5
Current Land Use: Commercial		
Responsible Parties	Addresses	Phone Numbers
Foley Street Investment, LLC	1980 Mountain Blvd., Suite 208, Oakland, CA 94611	(510) 523-1925
John Buono Jr.	P.O. Box 1730, Alameda, CA 94501	(510) 522-9221

This Case Closure Summary along with the Case Closure Transmittal letter and the Remedial Action Completion Certification provides documentation of the case closure. This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions. Additional information on the case can be viewed in the online case file. The entire case file can be viewed over the Internet on the Alameda County Environmental Health (ACEH) website (<http://www.acgov.org/aceh/lop/ust.htm>) or the State of California Water Resources Control Board GeoTracker website (<http://geotracker.waterboards.ca.gov>). Not all historic documents for the fuel leak case may be available on GeoTracker. A more complete historic case file for this site is located on the ACEH website.

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Release from underground storage tank (UST) system.		
Number of monitoring wells installed: 5	Number of monitoring wells destroyed: 5	Number of monitoring wells remaining: 0
Highest Groundwater Depth Below Ground Surface (bgs): 6.55 bgs	Lowest Depth: 10.01 bgs	Flow Direction: Northwest
Most Sensitive Current Groundwater Use: Potential drinking water source		

<p>Summary of Production Wells in Vicinity: The groundwater gradient direction is to the northwest. According to the results of the ACDPW well search; there were no water supply wells found to be located within a radius of 2,000 feet downgradient of the site. There are two industrial wells located approximately 1,200 feet downgradient of the site located on Clement Avenue; however the wells are 72 and 82 feet deep. Based on the location and depths of the industrial wells with respect to the site, the wells are not expected to be a receptor for the site.</p>	
Are drinking water wells affected? No	Aquifer Name: East Bay Plain
Is surface water affected? No	Nearest Surface Water Name: The nearest surface water body is a Tidal Canal of the San Francisco Bay located approximately 1,900 feet to the northeast.

LTCP GROUNDWATER SPECIFIC CRITERIA

LTCP Groundwater Specific Scenario under which case was closed: Scenario 2

Site Data		LTCP Scenario 1 Criteria (parts per billion [ppb])	LTCP Scenario 2 Criteria (ppb)	LTCP Scenario 3 Criteria (ppb)	LTCP Scenario 4 Criteria (ppb)
Plume Length	160 feet	<100 feet	<250 feet	<250 feet	<1,000 feet
Free Product	No free product	No free product	No free product	Removed to maximum extent practicable	No free product
Plume Stable or Decreasing	Stable	Stable or decreasing	Stable or decreasing	Stable or decreasing for minimum of 5 Years	Stable or decreasing
Distance to Nearest Water Supply Well	> 1,000	>250 feet	>1,000 feet	>1,000 feet	>1,000 feet
Distance to Nearest Surface Water and Direction	1,900 feet northeast	>250 feet	>1,000 feet	>1,000 feet	>1,000 feet
Property Owner Willing to Accept a Land Use Restriction?	---	Not applicable	Not applicable	Yes	Not applicable

GROUNDWATER CONCENTRATIONS

Constituent	Historic Site Maximum (ppb)	Current Site Maximum (ppb)	LTCP Scenario 1 Criteria (ppb)	LTCP Scenario 2 Criteria (ppb)	LTCP Scenario 3 Criteria (ppb)	LTCP Scenario 4 Criteria (ppb)
Benzene	21,000	39	No criteria	<3,000	No criteria	<1,000
MTBE	160	<1.2	No criteria	<1,000	No criteria	<1,000
TCE (Trichloroethene)	64	64 ¹				

Scenario 5: If the site does not meet scenarios 1 through 4, has a determination been made that under current and reasonably expected future scenarios, the contaminant plume poses a low threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame?

¹ In 2013 trichloroethene (TCE) was identified in the vicinity of the former hydraulic lifts and well DPE-5 and free product was found in well DPE-5. Source material was overexcavated to a depth of 10 feet bgs in October 2013 and therefore TCE concentrations in groundwater are expected to attenuate.

LTCP VAPOR SPECIFIC CRITERIA

LTCP Vapor Specific Scenario under which case was closed: Scenario 4

Active Fueling Station Active as of: ---

Site Data		LTCP Scenario 1 Criteria	LTCP Scenario 2 Criteria	LTCP Scenario 3A Criteria	LTCP Scenario 3B Criteria	LTCP Scenario 3C Criteria	LTCP Scenario 4 Criteria
Unweathered NAPL	No NAPL	LNAPL in groundwater	LNAPL in soil	No NAPL	No NAPL	No NAPL	No criteria
Thickness of Bioattenuation Zone Beneath Foundation	< 5 feet ¹	≥30 feet	≥30 feet	≥5 feet	≥10 feet	≥5 feet	≥5 feet
Total TPH in Bioattenuation Zone	< 100 parts per million (ppm)	<100 ppm	<100 ppm	<100 ppm	<100 ppm	<100 ppm	<100 ppm
Maximum Current Benzene Concentration in Groundwater	39 parts per billion (ppb)	No criteria	No criteria	<100 ppb	≥100 and <1,000 ppb	<1,000 ppb	No criteria
Oxygen Data within Bioattenuation Zone	≥4% at lower end of zone	No criteria	No criteria	No oxygen data or <4%	No oxygen data or <4%	≥4% at lower end of zone	≥4% at lower end of zone
Depth of soil vapor measurement beneath foundation	5 feet ²	No criteria	No criteria	No criteria	No criteria	No criteria	≥5 feet

SCENARIO 4 DIRECT MEASUREMENT OF SOIL VAPOR CONCENTRATIONS

Site Soil Vapor Data			No Bioattenuation Zone		Bioattenuation Zone	
Constituent	Historic Maximum (µg/m ³)	Current Maximum (µg/m ³)	Residential	Commercial	Residential	Commercial
Benzene	7,500	<1.6	<85	<280	<85,000	<280,000
Ethylbenzene	5,700	<2.2	<1,100	<3,600	<1,100,000	<3,600,000
Naphthalene	<44	<11	<93	<310	<93,000	<310,000

If the site does not meet scenarios 1 through 4, does a site-specific risk assessment for the vapor intrusion pathway demonstrate that human health is protected?

If the site does not meet scenarios 1 through 4, has a determination been made that petroleum vapors from soil or groundwater will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of mitigation measures or through the use of institutional controls?

Yes, a mitigation measure (Cupolex System) was installed during construction of the building foundation.

¹ Under vacant site conditions, thickness of bioattenuation zone is 5 feet thick, but if a future building foundation is 1-2 feet deep, bioattenuation thickness will be less than 5 feet thick.

² Soil vapor samples were collected 5-feet beneath the bottom of the new building foundation constructed in 2014. A Cupolex system was installed during the construction of the building foundation in 2014.

LTCP DIRECT CONTACT AND OUTDOOR AIR EXPOSURE CRITERIA

LTCP Direct Contact and Outdoor Air Exposure Specific Scenario under which case was closed: Maximum concentrations of petroleum hydrocarbons are less than or equal to those in Table 1 below for commercial land use.

Are maximum concentrations less than those in Table 1 below? Yes for commercial land use or utility worker

Constituent		Residential		Commercial/Industrial		Utility Worker
		0 to 5 feet bgs (ppm)	Volatilization to outdoor air (5 to 10 feet bgs) ppm	0 to 5 feet bgs (ppm)	Volatilization to outdoor air (5 to 10 feet bgs) ppm	0 to 10 feet bgs (ppm)
Site Maximum	Benzene	<0.005	32	<0.005	32	32
LTCP Criteria	Benzene	≤1.9	≤2.8	≤8.2	≤12	≤14
Site Maximum	Ethylbenzene	<0.005	97	<0.005	97	97
LTCP Criteria	Ethylbenzene	≤21	≤32	≤89	≤134	≤314
Site Maximum	Naphthalene	<0.005	22	<0.005	22	22
LTCP Criteria	Naphthalene	≤9.7	≤9.7	≤45	≤45	≤219
Site Maximum	PAHs	----	----	----	----	----
LTCP Criteria	PAHs	≤0.063	NA	≤0.68	NA	≤4.5

If maximum concentrations are greater than those in Table 1, are they less than levels from a site-specific risk assessment?

If maximum concentrations are greater than those in Table 1, has a determination been made that the concentrations of petroleum in soil will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of mitigation measures or through the use of institutional controls?

Yes¹

¹ Analytical data indicates there are two soil samples with benzene concentrations exceeding 14 ppm remaining in soil between 5 and 10 feet below grade at the site. Soil boring sample EB4-S2 collected in 1993 at 8 feet bgs contained 32 ppm benzene and soil boring sample EB6-S2 also collected in 1993 at 8.5 feet bgs contained 20 ppm benzene. These borings are both located under the newly constructed building foundation.

IV. CLOSURE

Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, closure of this site appears to be consistent with the policies established by the State Water Resources Control Board Low-Threat Underground Storage Tank Closure Policy which became effective on August 17, 2012.

Site Management Requirements:

This fuel leak case has been evaluated for closure consistent with the State Water Resources Control Board Low-Threat Underground Storage Tank Closure Policy (LTCP). Benzene concentrations in shallow soil (5 feet - 10 feet bgs) exceed the numerical criteria for direct contact and outdoor air exposure prescribed in the LTCP for residential and commercial land use and utility workers. Ethylbenzene concentrations in shallow soil (5 feet -10 feet bgs) exceed the numerical criteria for direct contact and outdoor air exposure prescribed in the LTCP for residential land use, and naphthalene concentrations in shallow soil (5 feet -10 feet bgs) exceed the numerical criteria for direct contact and outdoor air exposure prescribed in the LTCP for residential land use.

Currently, the property is developed for commercial land use, but if a change in land use to any residential or conservative land use, or if any redevelopment occurs, Alameda County Environmental Health (ACEH) must be notified as required by Government Code Section 65850.2.2. ACEH will re-evaluate the case upon receipt of approved development/construction plans.

A Site Management Plan was prepared for and is in effect for this site during current site excavation and construction activities. Future excavation or construction activities in areas of residual contamination will require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities.

Should corrective action be reviewed if land use changes? No

Was a deed restriction or deed notification filed? No

Date Recorded: ----

V. ADDITIONAL COMMENTS AND CONCLUSION

Additional Comments:

Alameda County Environmental Health staff believe that the site meets the conditions for case closure under the State Water Resources Control Board Low-Threat Underground Storage Tank Closure Policy. Based upon the information available in our files to date, no further investigation or cleanup for the fuel leak case is necessary at this time. However, as specified in the Site Management Requirements, re-evaluation of this case is required if land uses changes to any residential or other conservative land use, or any redevelopment occurs.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Karel Detterman, P.G.	Title: Hazardous Materials Specialist
Signature: <i>Karel Detterman</i>	Date: <i>11/10/2014</i>
Approved by: Dilan Roe, P.E.	Title: LOP and SCP Program Manager
Signature: <i>Dilan Roe</i>	Date: <i>11/10/2014</i>

VII. REGIONAL BOARD AND PUBLIC NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
Regional Board Notification Date: 5/29/2014	
Public Notification Date: 5/30/2014	

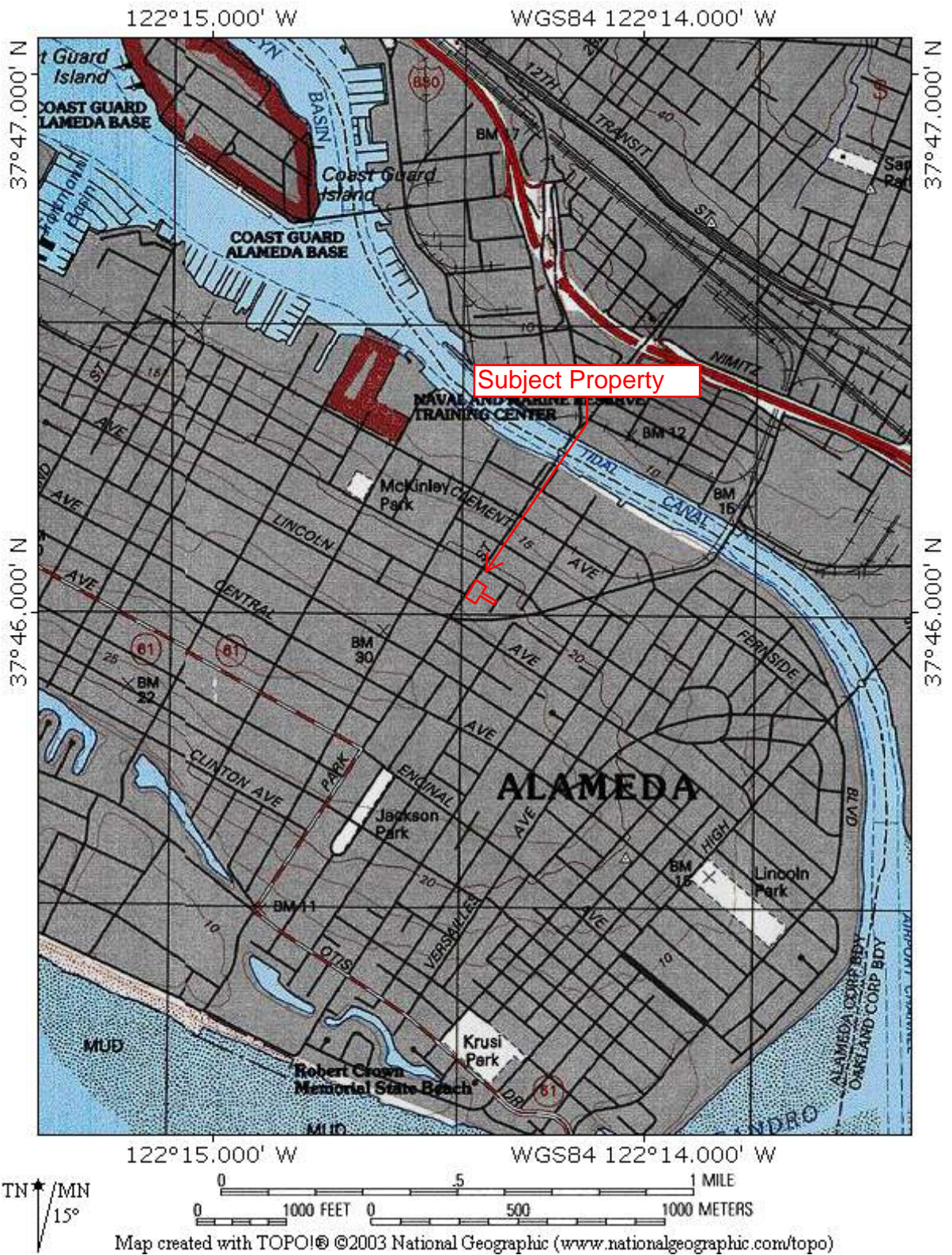
VIII. MONITORING WELL DESTRUCTION

Dates Requested by ACEH: 11/20/2013 (On-site MW-1, MW-2, & MW-3) and 5/29/2014 (Off-site MW-4 & MW-5)	Date of Well Decommissioning Reports: 11/21/2013 (Three on-site wells) and 8/12/2014 (Two off-site wells)	
All Monitoring Wells Destroyed: Yes	Number Destroyed: 5	Number Retained: 0
Reason Wells Retained: ---		
Additional requirements for submittal of groundwater data from retained wells: ---		
ACEH Concurrence - Signature: <i>Karel Detterman</i>	Date: <i>11/10/2014</i>	

Attachments:

1. Site Location Map and Aerial Photo (2 pp)
2. Site Plan (1 pp)
3. Excavation Site Plan and Analytical Data (2 pp)
4. Soil Analytical Data (10 pp)
5. Soil Vapor Analytical Data (3 pp)
6. Cross Sections (3 pp)
7. Groundwater Analytical Data (20 pp)
8. Groundwater Concentration Graphs (13 pp)

ATTACHMENT 1



SITE LOCATION MAP

1600-1650 Park Street

Alameda, California 94501

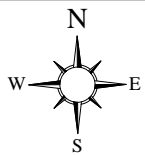


Source: USGS

FIGURE 1

Project Number: 298931





LEGEND

DRAFTED BY JAS 7-11-14

- Approximate Property Line
- Former USTs

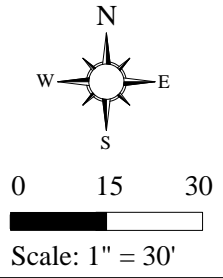
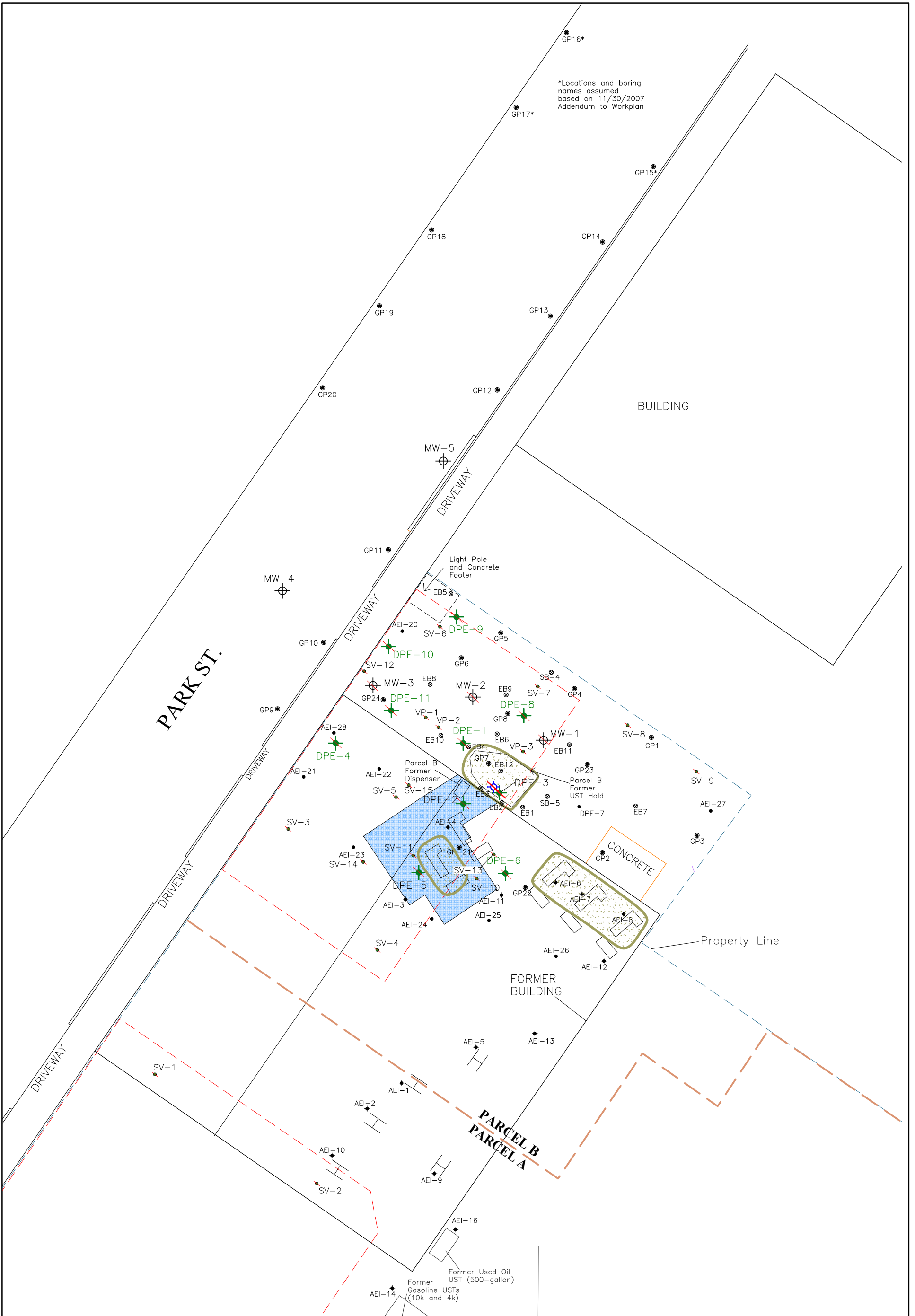
AEI CONSULTANTS
2500 CAMINO DIABLO, WALNUT CREEK

AERIAL PHOTO

1630 PARK STREET
ALAMEDA, CALIFORNIA

FIGURE 2
PROJECT NO. 324771

ATTACHMENT 2



LEGEND

- Destroyed Remediation Well
- AEI Soil Boring (1/12)
- Destroyed Vapor Probe
- AEI Soil Boring (7/11)
- Soil Boring (2008)
- Soil Boring (Pre-1997)
- Existing/Destroyed Groundwater Monitoring Well
- Proposed Building Extents
- Former Building Extents
- Hydraulic Lift
- Former Hydraulic Lift w/ Excavation
- Property Line
- Parcel Split
- 2013 Excavation

DRAFTED BY JAS 3-2-12
REVISED BY JAS 12-2-13

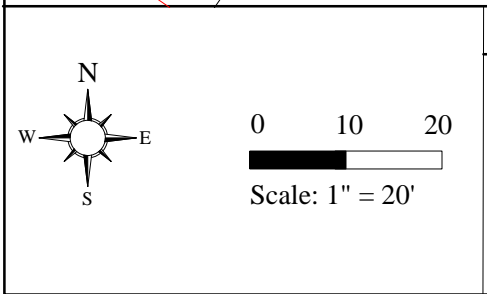
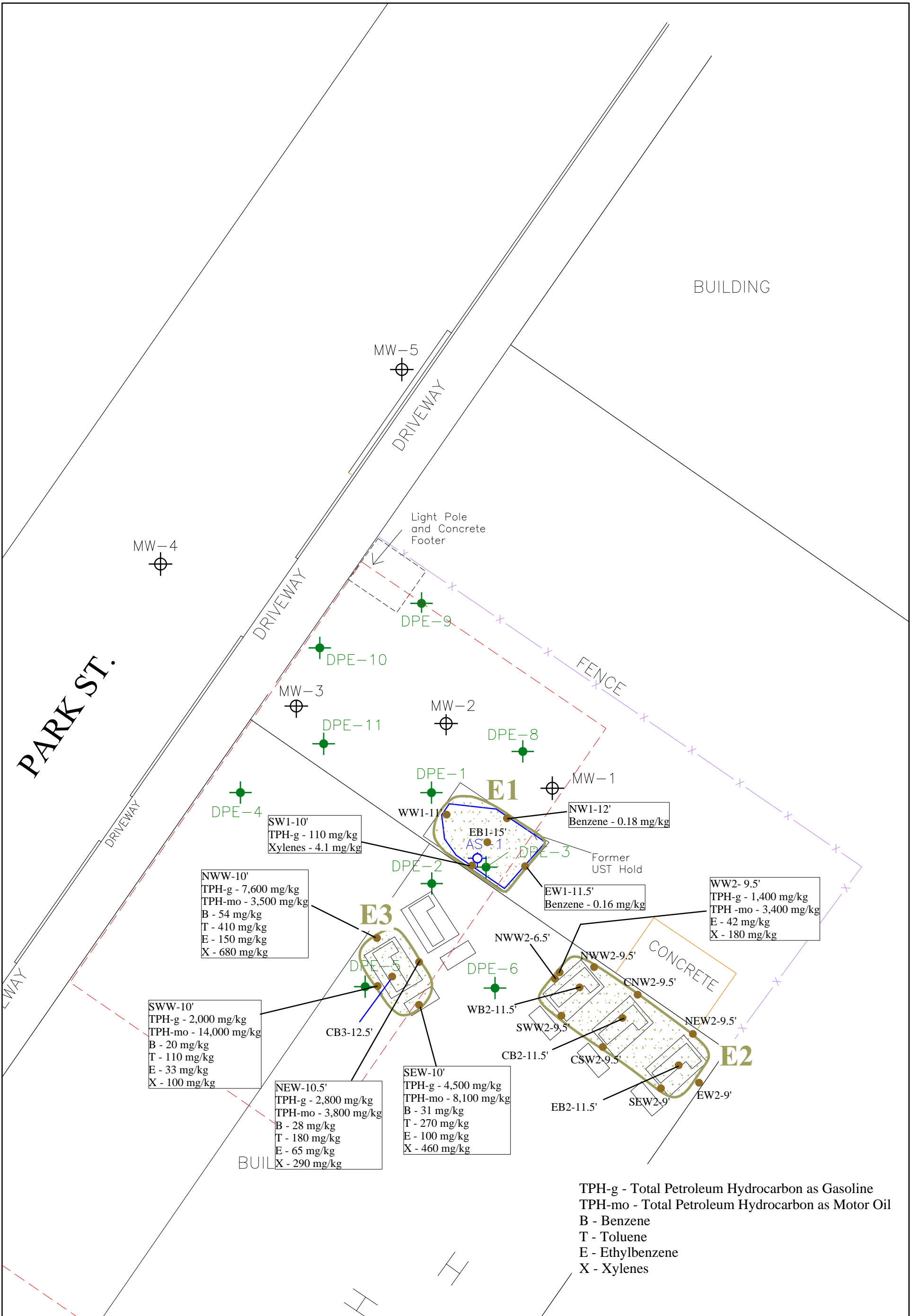
AEI CONSULTANTS
2500 CAMINO DIABLO, WALNUT CREEK

EXTENDED SITE PLAN

1630 PARK STREET
ALAMEDA, CALIFORNIA

FIGURE 3
PROJECT NO. 298931

ATTACHMENT 3



LEGEND

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

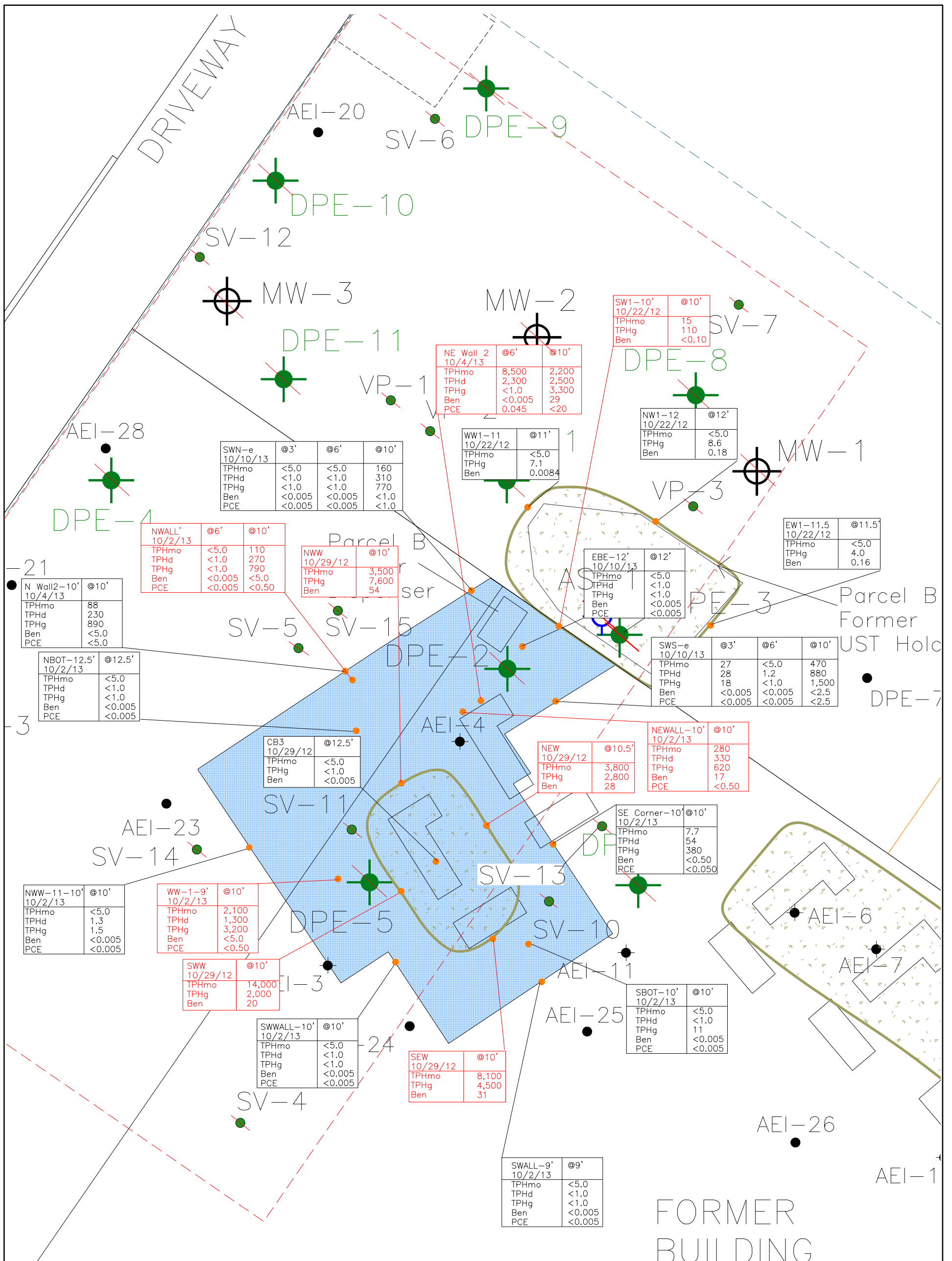
AEI CONSULTANTS
2500 CAMINO DIABLO, WALNUT CREEK

Excavation Analytical Data
October 2012

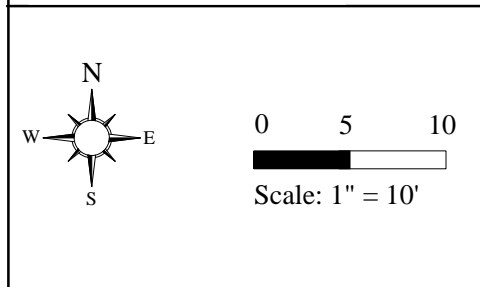
1630 PARK STREET
ALAMEDA, CALIFORNIA

FIGURE 4
PROJECT NO. 298931

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



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



LEGEND	
	Existing/Destroyed Remediation Well
	AEI Soil Boring (1/12)
	Existing/Destroyed Vapor Probe
	AEI Soil Boring (7/11)
	Groundwater Monitoring Well
	Grab Sample
	Proposed Building
	2012 Excavation
	2013 Excavation
	Former Hydraulic Lift
	Former Hydraulic Lift

DRAFTED BY JAS 3-2-12
 REVISED BY JAS 1-3-14

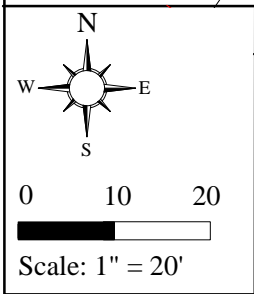
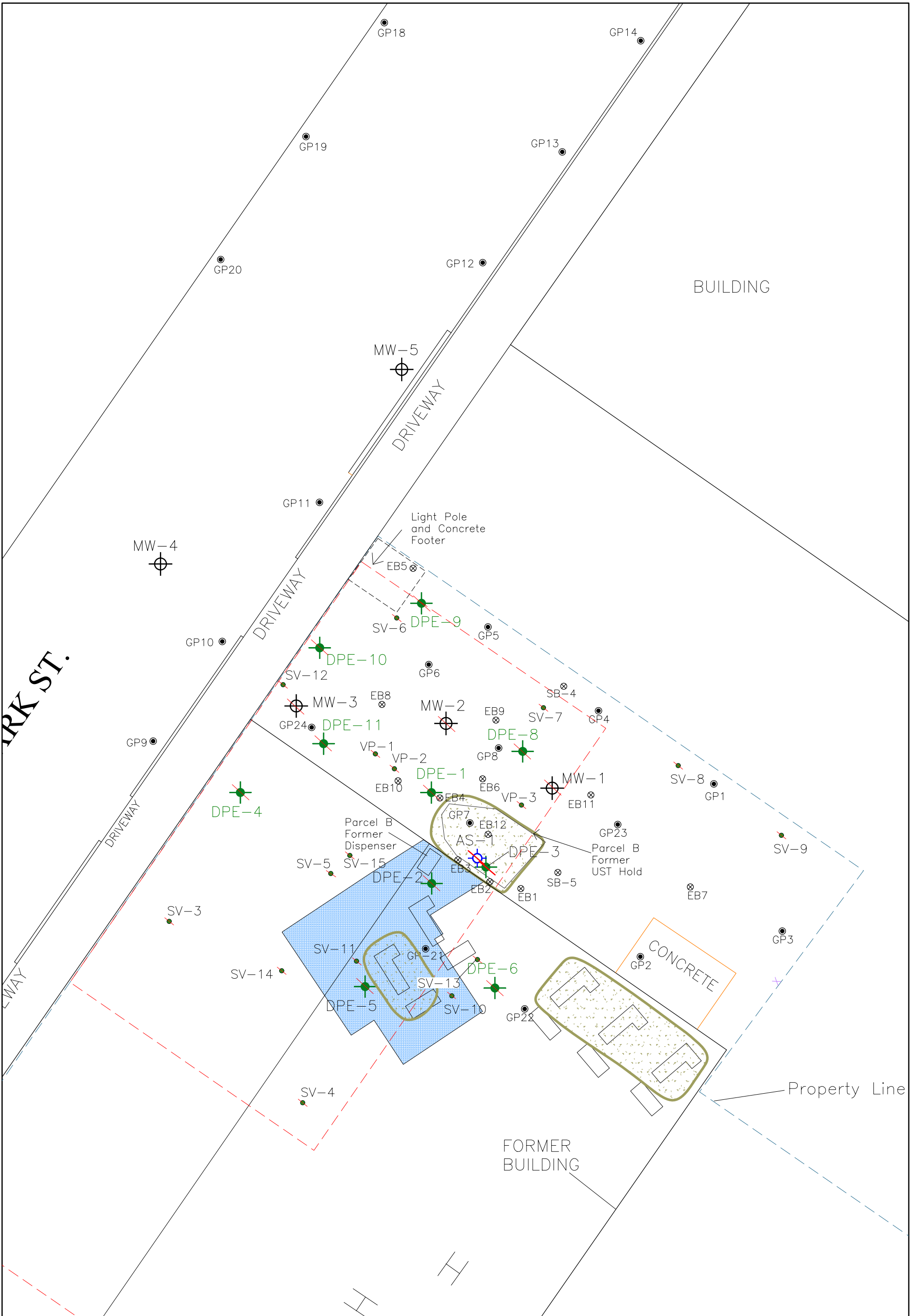
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 2500 CAMINO DIABLO, WALNUT CREEK

EXCAVATION ANALYTICAL DATA

1630 PARK STREET
 ALAMEDA, CALIFORNIA

FIGURE 5
 PROJECT NO. 298931

ATTACHMENT 4



LEGEND		DRAFTED BY JAS 3-2-12 REVISED BY JAS 1-15-14	
	Destroyed Remediation Well		Proposed Building Extents
	AEI Soil Boring (1/12)		Former Property Line
	Destroyed Vapor Probe		2013 Excavation
	AEI Soil Boring (7/11)		Hydraulic Lift
	Soil Boring (2008)		Former Hydraulic Lift w/ Excavation
	Soil Boring (Pre-1997)		Property Line
	Existing/Destroyed Groundwater Monitoring Well		

AEI CONSULTANTS 2500 CAMINO DIABLO, WALNUT CREEK	
SITE PLAN	
1630 PARK STREET ALAMEDA, CALIFORNIA	FIGURE 3 PROJECT NO. 298931

Table 2
Soil Sample Analytical Data
TPH and MBTEX

AEI Project No. 298931, 1620-1640 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)
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-S2	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	<1.0	-	-	-	<0.005	<0.005	<0.005	<0.005
EB7-S3	10/15/1993	8.5	1,000	-	-	-	3.8	45	21	110
MW4-S1	4/20/1994	4.5	<1.0	-	-	-	<0.005	<0.005	<0.005	0.013
MW4-S2	4/20/1994	9	9.7	-	-	-	1.1	0.82	0.42	1.3
MW4-S3	4/20/1994	14	<1.0	-	-	-	<0.005	0.008	<0.005	0.022
MW5-S1	4/20/1994	4.5	<1.0	-	-	-	<0.005	<0.005	<0.005	<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
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

Table 2
Soil Sample Analytical Data
TPH and MBTEX
 AEI Project No. 298931, 1620-1640 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)
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
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

Table 2
Soil Sample Analytical Data
TPH and MBTEX
 AEI Project No. 298931, 1620-1640 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)
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-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-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

Table 2
Soil Sample Analytical Data
TPH and MBTEX

AEI Project No. 298931, 1620-1640 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)
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
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
October 2012 Excavation Activities										
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

Table 2
Soil Sample Analytical Data
TPH and MBTEX

AEI Project No. 298931, 1620-1640 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)
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

October 2013 Excavation Activities

SE Corner-10'	10/2/2013	10'	380	54	7.7	<0.50	<0.50	1.1	2.1	10
NWW-11-10'	10/2/2013	10'	1.5	1.3	<5.0	<0.005	<0.005	<0.005	<0.005	0.024
WW-1-9'	10/2/2013	9'	3,200	1,300	2,100	<5.0	<5.0	80	55	230
NWALL-6'	10/2/2013	6'	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.005
NWALL-10'	10/2/2013	10'	790	270	110	<5.0	<5.0	22	27	110
NBOT-12.5	10/2/2013	12.5'	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.005
SBOT-10	10/2/2013	10'	11	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.005
SWALL-9'	10/2/2013	9'	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.005
SWWALL-10'	10/2/2013	10'	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.005
NEWALL-10'	10/2/2013	10'	620	330	280	<5.0	17	94	39	170
N Wall2-10'	10/4/2013	10'	890	230	88	<5.0	<5.0	17	25	110
NE Wall2-10'	10/4/2013	10'	3,300	2,500	2,200	<20	29	350	150	680
NE Wall2-6'	10/4/2013	6'	<1.0	2,300	8,500	<0.005	<0.005	<0.005	<0.005	0.0062
EBE-12'	10/10/2013	12'	<1.0	<1.0	<5.0	<0.005	<0.005	0.0065	<0.005	0.018
SWN-e-3'	10/10/2013	3'	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.005
SWN-e-6'	10/10/2013	6'	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.005
SWN-e-10'	10/10/2013	10'	770	310	160	<1.0	<1.0	<1.0	3.6	34
SWS-e-3'	10/10/2013	3'	18	28	27	<0.005	<0.005	<0.005	<0.005	<0.005
SWS-e-6'	10/10/2013	6'	<1.0	1.2	<5.0	<0.005	<0.005	<0.005	<0.005	<0.005
SWS-e-10'	10/10/2013	10'	1,500	880	470	<2.5	<2.5	17	16	100

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

MDL = method detection limit

TPH = total petroleum hydrocarbons MTBE = methyl butyl tertiary ethyl

TPH-g = TPH as gasoline " < " = less than

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

TPH-mo = TPH as motor oil " - " = not available

BTEX/MTBE data from October 2013 analyzed using EPA Method 8260B

Soil Sample was over-excavated during source removal activities

Table 3
Soil Sample Analytical Data
VOCs

AEI Project No. 298931, 1620-1640 Park Street, Alameda, California

Sample ID	Date Collected	Approx. Depth (feet)	PCE (mg/kg)	n-Butyl-benzene (mg/kg)	Naphthalene (mg/kg)	1,2,4-Trimethyl benzene (mg/kg)	1,3,5-Trimethyl benzene (mg/kg) EPA Method SW8260B	sec-Butyl benzene (mg/kg)	n-Propyl benzene (mg/kg)	Isopropyl-benzene (mg/kg)	4-Isopropyl toluene (mg/kg)	Remaining VOCs (mg/kg)
AEI-11-3'	7/26/2011	3	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<MDL
AEI-12-3'	7/26/2011	3	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<MDL
AEI-13-3'	7/26/2011	3	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<MDL
AEI-27-3'	1/17/2012	3	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<MDL
October 2013 Excavation Activities												
NWW-11-10'	10/2/2013	10	<0.005	0.020	0.025	0.14	0.036	<0.005	<0.005	<0.005	<0.005	<MDL
SE Corner-10'	10/2/2013	10	<0.05	1.3	1.2	7.8	2.2	<0.5	1.2	<0.5	<0.5	<MDL ¹
WW-1-9'	10/2/2013	9	<0.50	15	19	110	30	<5.0	17	5.7	5.1	<MDL ¹
NWALL-6'	10/2/2013	6	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<MDL
NWALL-10'	10/2/2013	10	<0.50	8.3	6.4	54	16	<5.0	11	<5.0	<5.0	<MDL ¹
NBOT-12.5	10/2/2013	12.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<MDL
SBOT-10	10/2/2013	10	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<MDL
SWALL-9'	10/2/2013	9	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<MDL
SWWALL-10'	10/2/2013	10	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<MDL
NEWALL-10'	10/2/2013	10	<0.50	9.3	10	74	22	<5.0	14	<5.0	<5.0	<MDL ¹
N Wall2-10'	10/4/2013	10	<5.0	9.1	12	66	20	<5.0	9.8	<5.0	<5.0	<MDL ¹
NE Wall2-10'	10/4/2013	10	<20	37	59	270	85	<20	45	<20	<20	<MDL ¹
NE Wall2-6'	10/4/2013	6	0.045	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<MDL
EBE-12'	10/10/2013	12	<0.005	<0.005	<0.005	0.0096	<0.005	<0.005	<0.005	<0.005	<0.005	<MDL
SWN-e-3'	10/10/2013	3	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<MDL
SWN-e-6'	10/10/2013	6	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<MDL
SWN-e-10'	10/10/2013	10	<1.0	7.2	9.7	38	13	1.1	3.0	<1.0	<1.0	<MDL ¹
SWS-e-3'	10/10/2013	3	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<MDL
SWS-e-6'	10/10/2013	6	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<MDL
SWS-e-10'	10/10/2013	10	<2.5	17	22	91	28	2.7	11	2.9	4.8	<MDL ¹

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

MDL = method detection limit; MDLs are below the established ESLs.

MDL¹ = method detection limit; Reporting limit of select compounds are above the established ESLs.

PCE = tetrachloroethene

VOCs = volatile organic compounds

"<" = less than

Soil Sample was over-excavated during source removal activities

Table 4
Soil Sample Analytical Data
Fuel Oxygenates, and PCBs
 AEI Project No. 298931, 1620-1640 Park Street, Alameda, California

Sample ID	Date Collected	Approx. Depth (feet)	Fuel Oxygenates^ (mg/kg) EPA Method SW8260B	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
Fuel Oxygenates, and PCBs
 AEI Project No. 298931, 1620-1640 Park Street, Alameda, California

Sample ID	Date Collected	Approx. Depth (feet)	Fuel Oxygenates^ (mg/kg) EPA Method SW8260B	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

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

MDL = method detection limit; MDLs assumed to be below the established ESLs; work done by previous consultant and analytical reports are not available to AEI.

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, 1620-1640 Park Street, Alameda, California

Sample ID	Date Collected	Approx. Depth (feet)	Cd mg/kg	Cr (total)* mg/kg	Pb mg/kg EPA Method SW6010B	Ni mg/kg	Zn mg/kg
AEI-11-3'	7/26/2011	3	<1.5	60	<5.0	24	16
AEI-12-3'	7/26/2011	3	<1.5	31	<5.0	15	10
AEI-13-3'	7/26/2011	3	<1.5	29	<5.0	14	9.7
*AEI-27-3'	1/17/2012	3	<0.25	38	140	17	140

Notes:

mg/kg = milligrams per kilogram

"-" = not available

Cd = Cadmium

Cr = Chromium

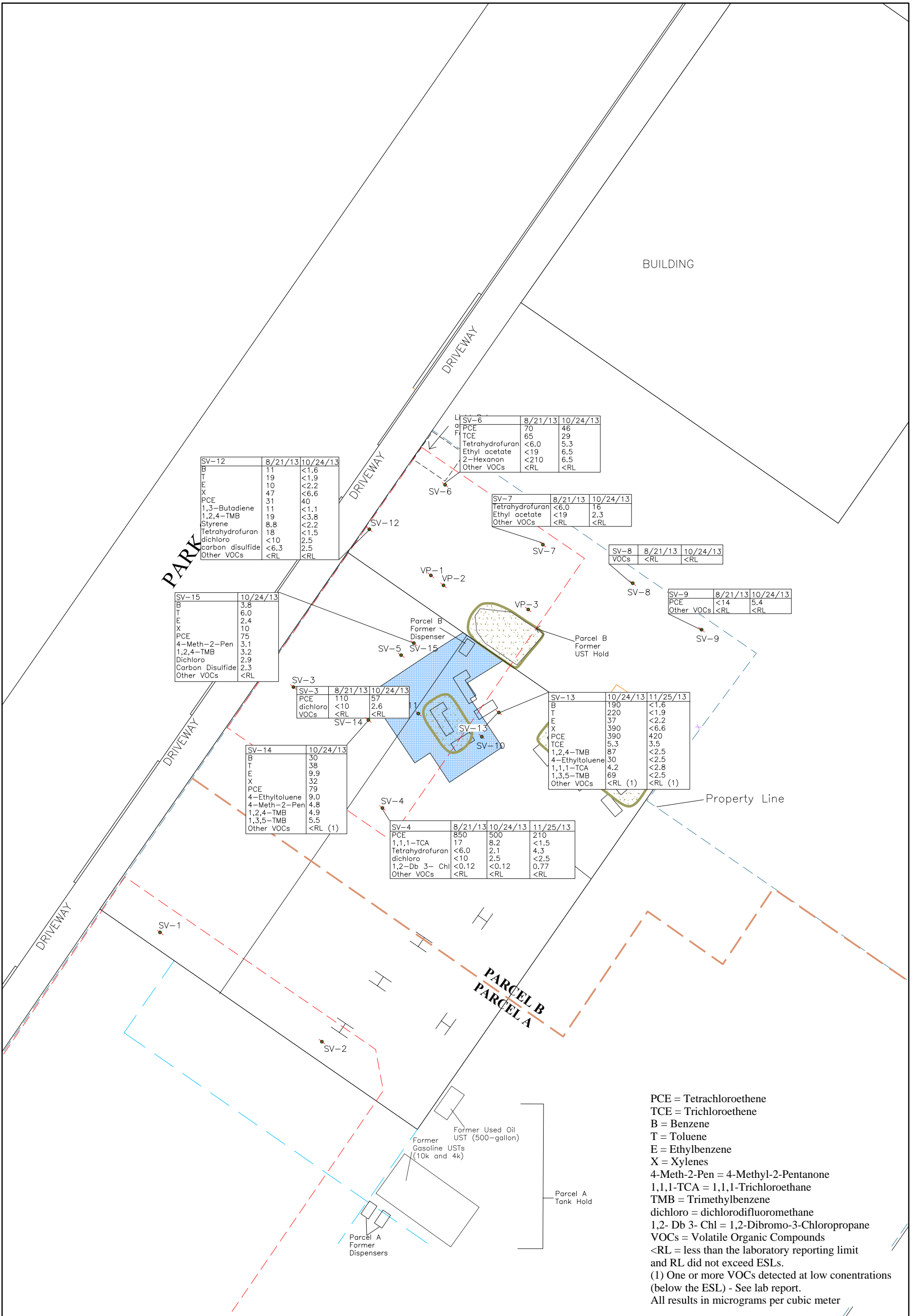
Pb = Lead

Ni = Nickel

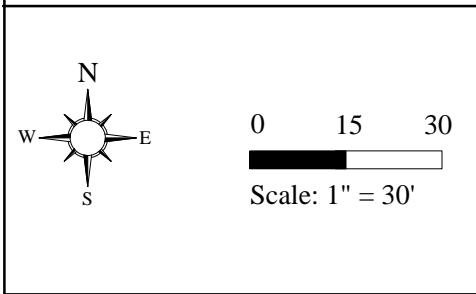
Zn = Zinc

*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.

ATTACHMENT 5



PCE = Tetrachloroethene
TCE = Trichloroethene
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
4-Meth-2-Pen = 4-Methyl-2-Pentanone
1,1,1-TCA = 1,1,1-Trichloroethane
TMB = Trimethylbenzene
dichloro = dichlorodifluoromethane
1,2- Db 3- Chl = 1,2-Dibromo-3-Chloropropane
VOCs = Volatile Organic Compounds
<RL = less than the laboratory reporting limit and RL did not exceed ESLs.
(1) One or more VOCs detected at low concentrations (below the ESL) - See lab report.
All results in micrograms per cubic meter



LEGEND		DRAFTED BY JAS 3-2-12 REVISED BY JAS 8-12-13	
	Former Vapor Probe		Proposed Building Extents
	Parcel Split		Former Hydraulic Lift
	2012 Excavation Extents		Former Hydraulic Lift
	2013 Excavation		

AEI CONSULTANTS
2500 CAMINO DIABLO, WALNUT CREEK

SOIL VAPOR ANALYTICAL DATA

1630 PARK STREET
ALAMEDA, CALIFORNIA

FIGURE 6
PROJECT NO. 298931

Table 10
Soil Vapor Analytical Data

AEI Project No. 298931, 1630 Park Street (Parcel B), Alameda, CA

Sample ID	Date	Isopropyl Alcohol*	Helium**	TPH-g & TVH	Benzene	Toluene	Ethyl-benzene	Xylenes	TBA	MTBE	TAME	DIPE	ETBE	PCE	TCE	Naphthalene (TO-17)	4-Ethyltoluene	4-Methyl-2-Pentanone	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Tetrahydrofuran	1,3,5-Trimethylbenzene	Other VOCs	CO2	Methane	Nitrogen	Oxygen
		(µg/m ³)	(%)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µL/L)	(µL/L)	(µL/L)	(µL/L)	
SV-11	8/21/2013	na	0.013	-	7,500	4,300	5,700	17,000	<25	<29	<34	<34	<34	2,100	<44	<44	860	<33	130	1,500	<24	700	<RL ^{a,f,g}	-	-	-	-
SV-12	8/21/2013	na	0.056	-	11	19	10	47	<6.2	<7.3	<8.5	<8.5	<8.5	31	<11	<11	<10	<8.3	<11	19	18	<10	<RL ^{d,e}	-	-	-	-
	10/24/2013	na	0.072	<720	<1.6	<1.9	<2.2	<6.6	<31	<1.8	<2.1	<2.1	<2.1	40	<2.8	-	<2.5	<2.1	<2.8	<3.8	<1.5	<2.5	2.5 ^{k,h}	29,000	<1.0	-	150,000
SV-13	10/24/13	na	0.037	9,000	190	220	37	390	<31	<1.8	<2.1	<2.1	<2.1	390	5.3	-	30	<2.1	4.2	87	<1.5	69	<RL ^l	18,000	2.2	-	150,000
	11/25/13	na	1.6	<720	<1.6	<1.9	<2.2	<6.6	<31	<1.8	<2.1	<2.1	<2.1	420	3.5	-	<2.5	<2.1	<2.8	<2.5	<1.5	<2.5	0.76 ^o	41000	-	-	100,000
SV-13 DUP	10/24/13	na	0.0091	9,300	190	200	35	370	<31	<1.8	<2.1	<2.1	<2.1	360	5.3	-	29	<2.1	5.0	79	<1.5	66	<RL ⁿ	18,000	2.2	-	140,000
SV-14	10/24/13	na	0.013	2,400	30	38	9.9	32	<31	<1.8	<2.1	<2.1	<2.1	79	<2.8	-	9.0	4.8	<2.8	4.9	<1.5	5.5	<RL ^m	3,000	1.5	-	150,000
SV-15	10/24/13	na	0.038	<720	3.8	6.0	2.4	10	<31	<1.8	<2.1	<2.1	<2.1	75	<2.8	-	<2.5	3.1	<2.8	3.2	<1.5	<2.5	2.3 ^k ,2.9 ^h	8,500	<1.0	-	140,000
ESL		na	NA	2,500,000	420	1,300,000	4,900	440,000	--	47,000	--	--	--	2,100	3,000	360	--	--	22,000,000	--	--	--	na	na	na	na	na

Notes:

µg/m³ = micrograms per cubic meter (ppbv)

* = Leak check compound

<1.0 = Not detected above the laboratory reporting limit shown

na = Not applicable

- = Not analyzed

-- = No value established

<RL = Below the analytical laboratory reporting limit unless otherwise noted. Reporting limits are below the ESL if applicable.

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

^l = Following VOCs detected: Acetone (100), Bromomethane (9.5), Carbon Disulfide (14), Cyclohexane (110), 1,2-Dichloroethane (4.0), Ethyl Acetate (4.2), Heptane (57), Hexane (69), and Methylene chloride (3.5).

^m = Following VOCs detected: Carbon Disulfide (6.7), Chloroform (3.9), Cyclohexane (93), Hexane (24), and Styrene (3.9).

ⁿ = Following VOCs detected: Acetone (82), Bromomethane (10), Carbon Disulfide (12), Cyclohexane (110), 1,2-Dichloroethane (3.7), Ethyl Acetate (5.8), Heptane (55), Hexane (65), and Methylene chloride (3.6).

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

Soil Vapor Sample was over-excavated during source removal activities

TPH-g = total petroleum hydrocarbons as gasoline

TVH = Total volatile hydrocarbons -aliphatics

TBA = tert-Butyl-alcohol

MTBE = Methyl-tert-butyl ether

TAME = Tert-amyl methyl ether

DIPE = Di-isopropyl ether

ETBE = Ethyl tert-butyl ether

PCE = Tetrachloroethene

TCE = Trichloroethene

a = Hexane detected (no ESL established)

b = Ethanol detected (no ESL established)

c = Acetone detected below ESL (1.4 E+08)

d = Styrene detected below ESL (3.9 E+06)

e = 1,3-Butadiene detected (no ESL established)

f = Heptane detected (no ESL established)

g = 1,1,2,2-Tetrachloroethane detected below ESL (210 µg/m³)

h = dichlorodifluoromethane detected (no ESL established)

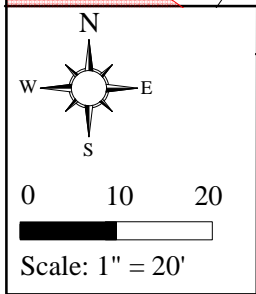
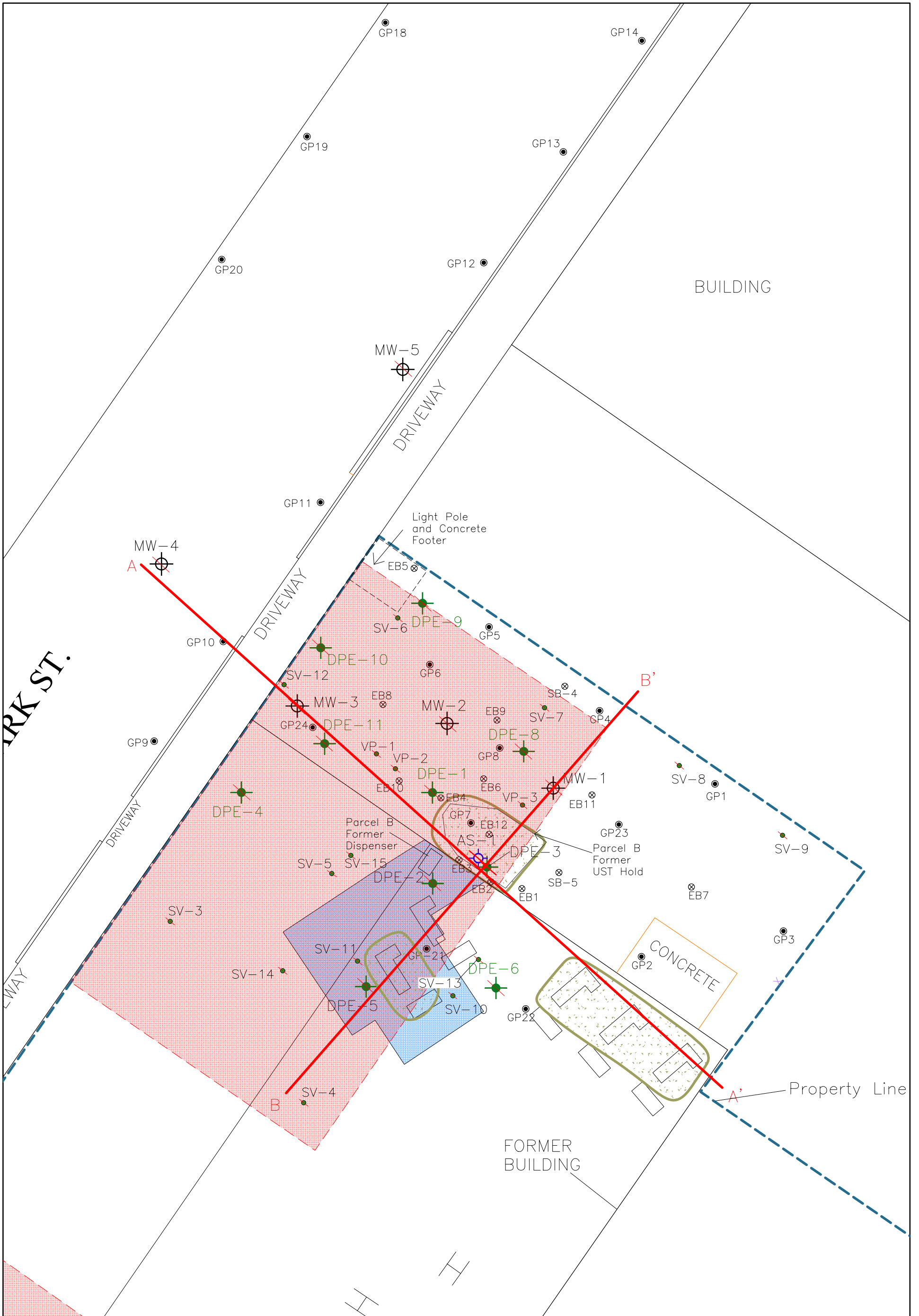
i = Ethyl acetate (no ESL established)

j = 2-Hexanone (no ESL established)

k = carbon disulfide (no ESL established)

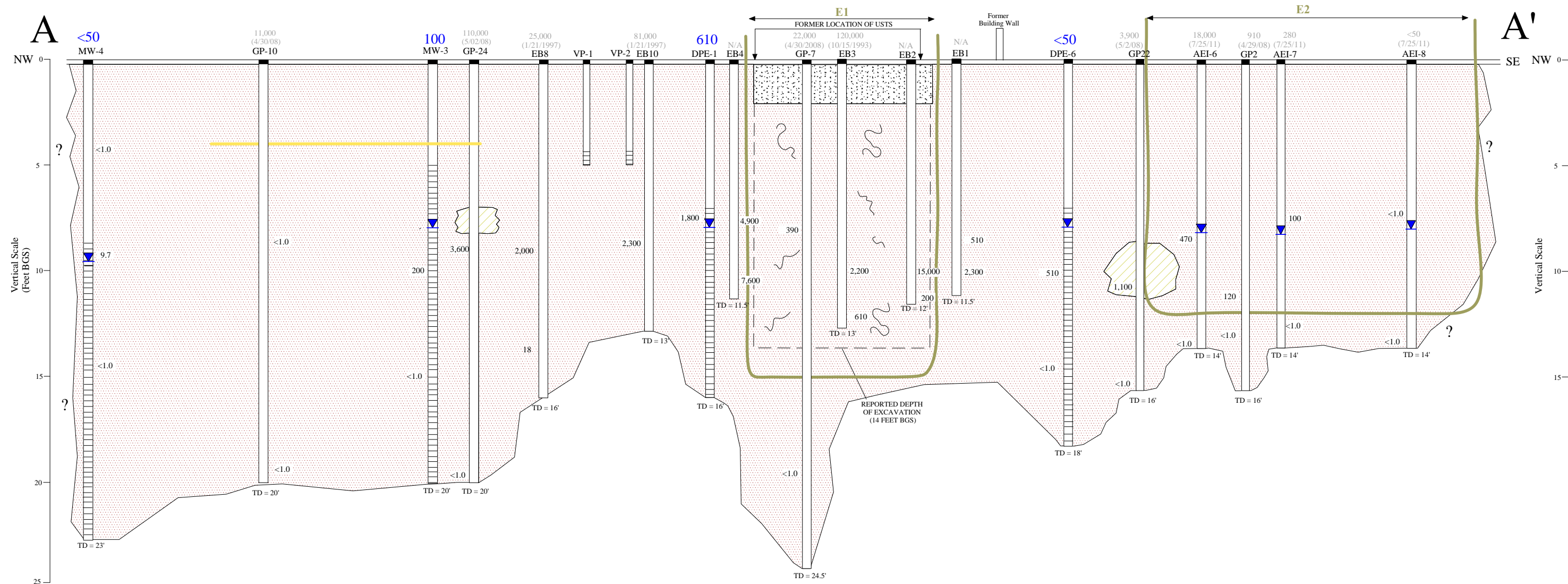
o = 1,2-Dibromo-3-chloropropane (no ESL established)

ATTACHMENT 6



LEGEND		DRAFTED BY JAS 3-2-12 REVISED BY JAS 1-15-14	
	Destroyed Remediation Well		Proposed Building Extents
	AEI Soil Boring (1/12)		Former Hydraulic Lift
	Destroyed Vapor Probe		Former Hydraulic Lift w/ Excavation
	AEI Soil Boring (7/11)		Property Line
	Soil Boring (2008)		2013 Excavation
	Soil Boring (Pre-1997)		
	Destroyed Groundwater Monitoring Well		

AEI CONSULTANTS 2500 CAMINO DIABLO, WALNUT CREEK	
SITE PLAN	
1630 PARK STREET ALAMEDA, CALIFORNIA	FIGURE 3 PROJECT NO. 298931



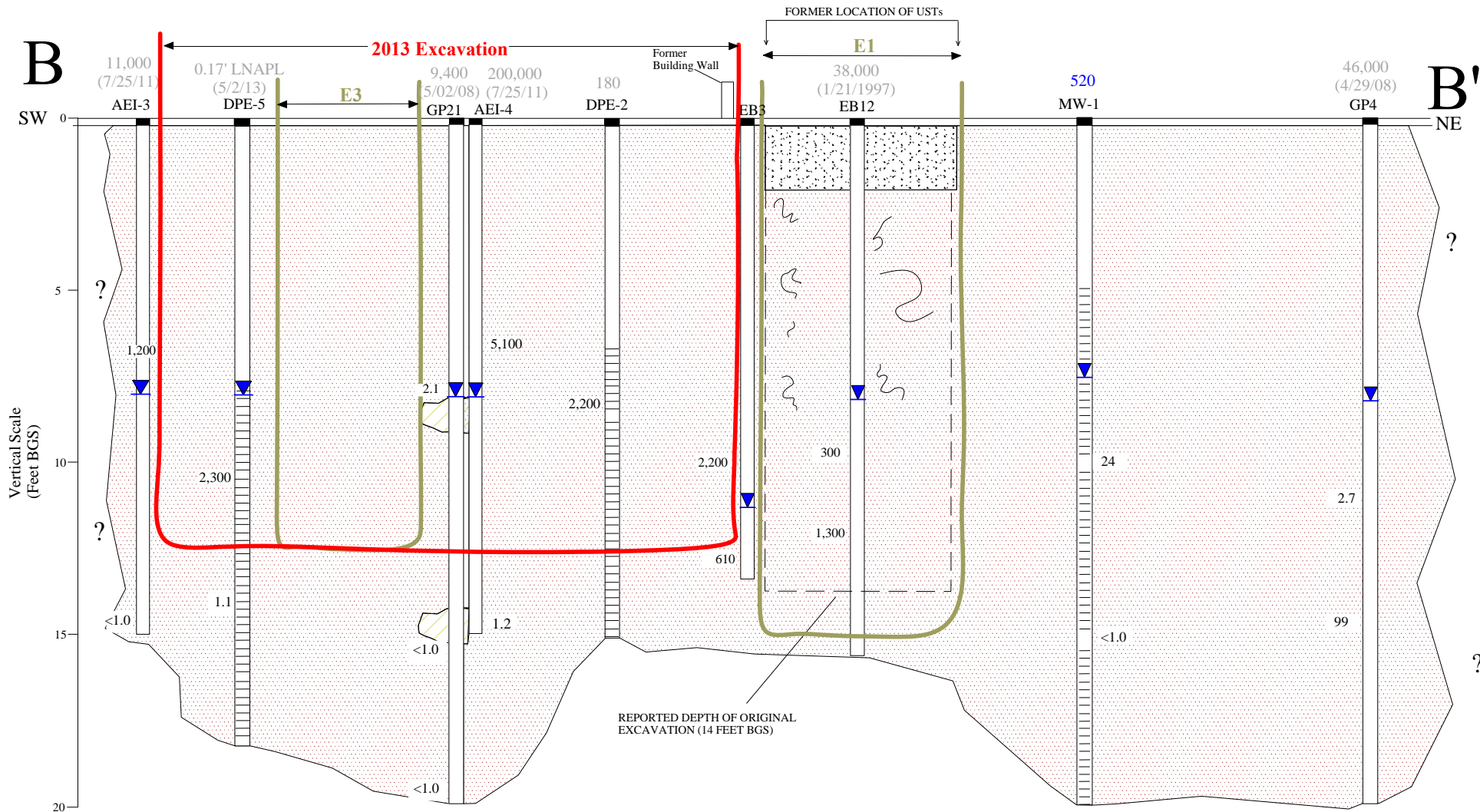
Legend:

- Sand (with varying amounts of silt)
- Sandy Gravel
- Silt
- Area Excavated (Oct. 2012)
- Groundwater Level (static)
- Plastic Debris
- 610** Current (10/2013) TPH-g Concentration in Groundwater in ug/L
- 610** Historical TPH-g Concentration in Groundwater in ug/L
- 2,300** TPH-g Concentration in Soil in mg/kg (Collected at depth shown)
- Natural Gas Line (Projected 5' North)
- *Natural Gas is the only utility intersected by the Cross Section.
- TD** = Total Depth of Boring
- BGS** = Below Ground Surface

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2500 CAMINO DIABLO, STE. 100, WALNUT CREEK, CA

A - A' Historical Data Fence Diagram

1630 Park Street Alameda, CA	Figure 7 PROJECT NO. 298931
---------------------------------	---------------------------------------



Legend:

- Sand (with varying amounts of silt)
- Sandy Gravel
- Silt

Area Excavated (Oct. 2012 / Oct 2013)

Groundwater Level (static)

Plastic Debris

610 Current (10/2013) TPH-g Concentration in Groundwater in ug/L

610 Historical TPH-g Concentration in Groundwater in ug/L

2,300 TPH-g Concentration in Soil in mg/kg (Collected at depth shown)

Notes:
 Static water levels not reported in "EB" borings
 TD = Total Boring Depth

BGS = Below Ground Surface

* Soil TPHg Data from 1987 to 2011

* Underground Utilities not intersected by Cross Section

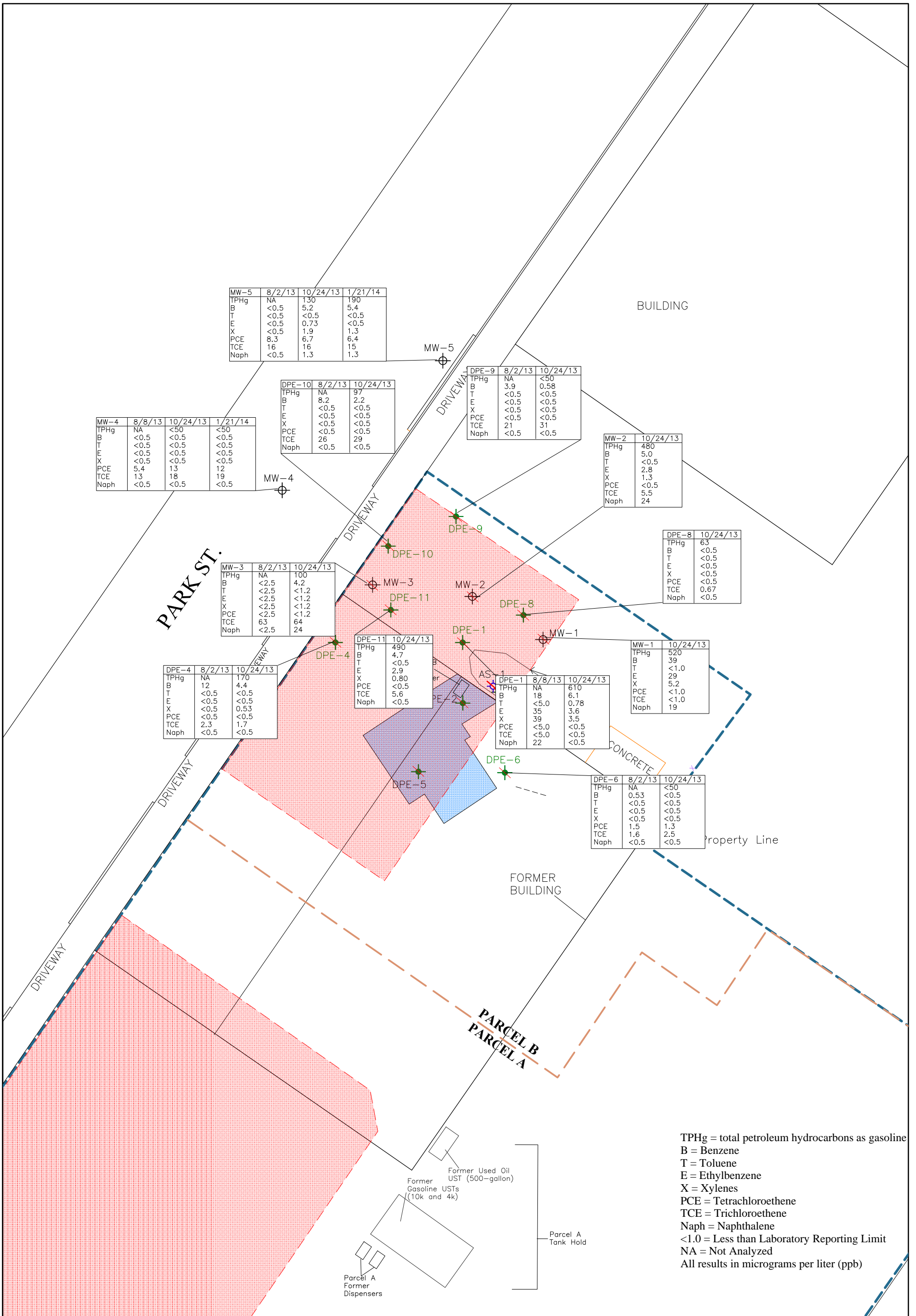
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 2500 CAMINO DIABLO, STE. 100, WALNUT CREEK, CA

B - B' Historical Data Fence Diagram

1630 Park Street
 Alameda, CA

Figure 8
 PROJECT NO. 298931

ATTACHMENT 7



MW-5	8/2/13	10/24/13	1/21/14
TPHg	NA	130	190
B	<0.5	5.2	5.4
T	<0.5	<0.5	<0.5
E	<0.5	0.73	<0.5
X	<0.5	1.9	1.3
PCE	8.3	6.7	6.4
TCE	16	16	15
Naph	<0.5	1.3	1.3

DPE-10	8/2/13	10/24/13
TPHg	NA	97
B	8.2	2.2
T	<0.5	<0.5
E	<0.5	<0.5
X	<0.5	<0.5
PCE	<0.5	<0.5
TCE	26	29
Naph	<0.5	<0.5

DPE-9	8/2/13	10/24/13
TPHg	NA	<50
B	3.9	0.58
T	<0.5	<0.5
E	<0.5	<0.5
X	<0.5	<0.5
PCE	<0.5	<0.5
TCE	21	31
Naph	<0.5	<0.5

MW-4	8/8/13	10/24/13	1/21/14
TPHg	NA	<50	<50
B	<0.5	<0.5	<0.5
T	<0.5	<0.5	<0.5
E	<0.5	<0.5	<0.5
X	<0.5	<0.5	<0.5
PCE	5.4	13	12
TCE	13	18	19
Naph	<0.5	<0.5	<0.5

MW-2	10/24/13
TPHg	480
B	5.0
T	<0.5
E	2.8
X	1.3
PCE	<0.5
TCE	5.5
Naph	24

MW-3	8/2/13	10/24/13
TPHg	NA	100
B	<2.5	4.2
T	<2.5	<1.2
E	<2.5	<1.2
X	<2.5	<1.2
PCE	<2.5	<1.2
TCE	63	64
Naph	<2.5	24

DPE-8	10/24/13
TPHg	63
B	<0.5
T	<0.5
E	<0.5
X	<0.5
PCE	<0.5
TCE	0.67
Naph	<0.5

DPE-4	8/2/13	10/24/13
TPHg	NA	170
B	12	4.4
T	<0.5	<0.5
E	<0.5	<0.5
X	<0.5	0.53
PCE	<0.5	<0.5
TCE	2.3	1.7
Naph	<0.5	<0.5

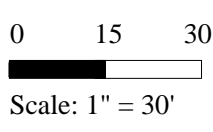
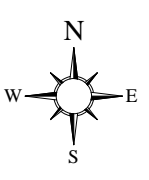
DPE-11	10/24/13
TPHg	490
B	4.7
T	<0.5
E	2.9
X	0.80
PCE	<0.5
TCE	5.6
Naph	<0.5

MW-1	10/24/13
TPHg	520
B	39
T	<1.0
E	29
X	5.2
PCE	<1.0
TCE	<1.0
Naph	19

DPE-1	8/8/13	10/24/13
TPHg	NA	610
B	18	6.1
T	<5.0	0.78
E	35	3.6
X	39	3.5
PCE	<5.0	<0.5
TCE	<5.0	<0.5
Naph	22	<0.5

DPE-6	8/2/13	10/24/13
TPHg	NA	<50
B	0.53	<0.5
T	<0.5	<0.5
E	<0.5	<0.5
X	<0.5	<0.5
PCE	1.5	1.3
TCE	1.6	2.5
Naph	<0.5	<0.5

TPHg = total petroleum hydrocarbons as gasoline
 B = Benzene
 T = Toluene
 E = Ethylbenzene
 X = Xylenes
 PCE = Tetrachloroethene
 TCE = Trichloroethene
 Naph = Naphthalene
 <1.0 = Less than Laboratory Reporting Limit
 NA = Not Analyzed
 All results in micrograms per liter (ppb)



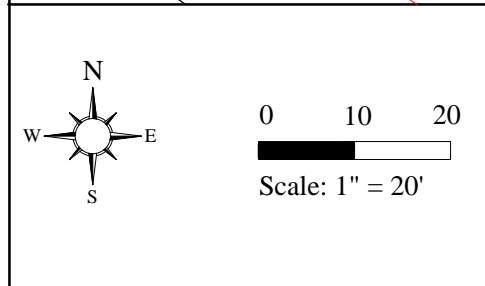
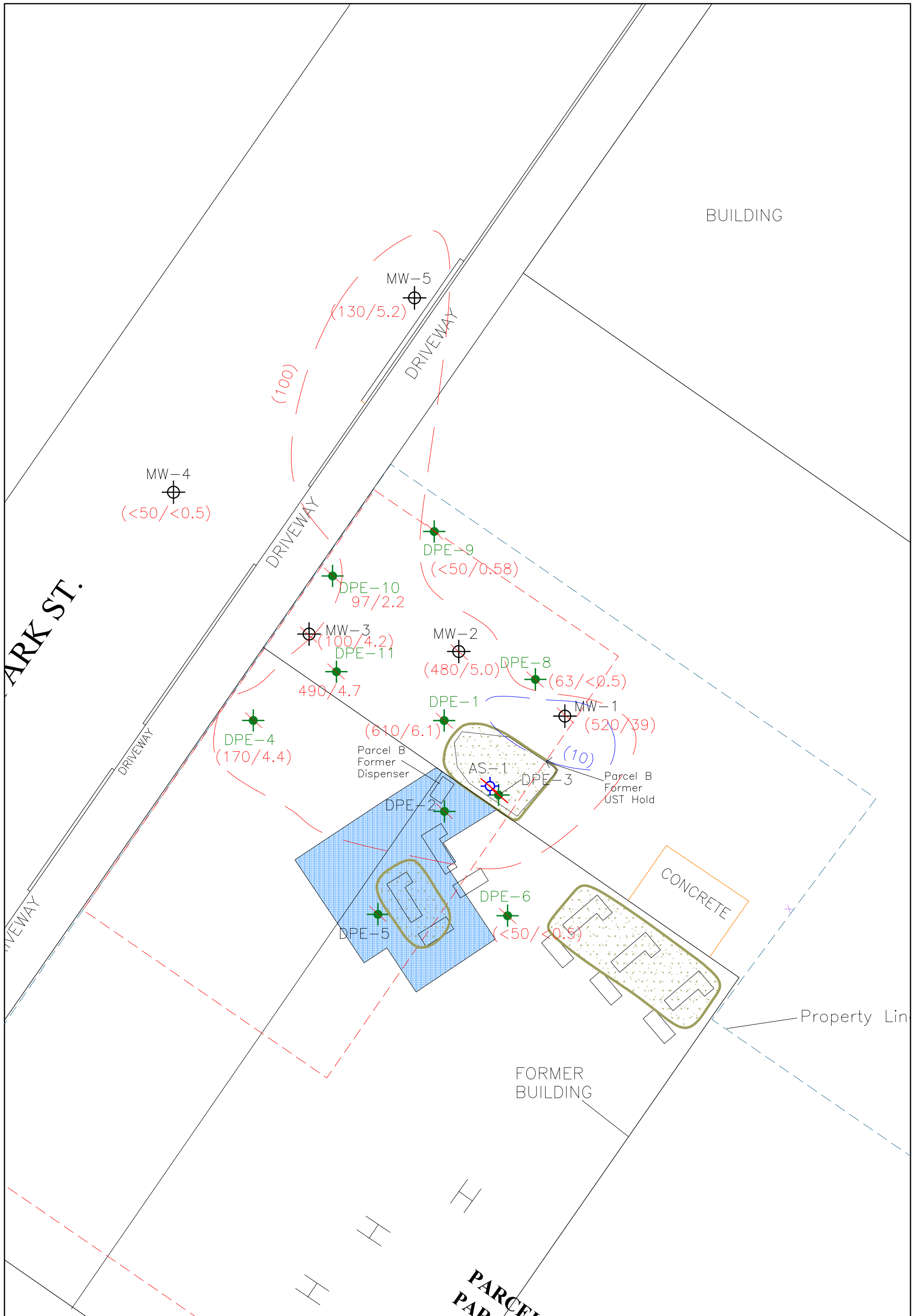
LEGEND	
	Destroyed Remediation Well
	Existing/Destroyed Groundwater Monitoring Well
	Proposed Building Extents
	Parcel Split
	Property Line
	2013 Excavation

DRAFTED BY JAS 3-9-12
 REVISED BY JAS 4-18-14

AEI CONSULTANTS
 2500 CAMINO DIABLO, WALNUT CREEK
SELECT GROUNDWATER ANALYTICAL DATA

1630 PARK STREET
 ALAMEDA, CALIFORNIA

FIGURE 9
 PROJECT NO. 298931



LEGEND	
	Destroyed Remediation Well
	Existing/Destroyed Groundwater Monitoring Well
	Former Hydraulic Lift with Excavation Extents
	Property Line
	TPHg Concentration Contour
	Benzene Concentration Contour
	(210/14) = TPHg / Benzene Concentration
	2013 Excavation
	Proposed Building Extent

DRAFTED BY JAS 3-9-12
 REVISED BY JAS 1-15-14

AEI CONSULTANTS 2500 CAMINO DIABLO, WALNUT CREEK	
ISOCONCENTRATION MAP - OCTOBER 24, 2013	
1630 PARK STREET ALAMEDA, CALIFORNIA	FIGURE 15 PROJECT NO. 298931

Table 1
Groundwater and Soil Vapor Well Inventory
 AEI Project No. 298931, 1620-1640 Park Street, Alameda, California

Well ID Number	Well Installation Date	Well Destruction Date	Well Destruction Method	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	Oct-12	Excavated	-	PVC	25	25	8	2	20 - 25	0.02	20 - 25	#3 Sand
DPE-1	11/15/2011	11/21/2013	Pressure Grout	25.88	PVC	16	15	10	4	7 - 15	0.01	6.5 - 16	#2/12 Sand
DPE-2	11/15/2011	Oct-13	Excavated	26.22	PVC	16	15	10	4	7 - 15	0.01	6.5 - 16	#2/12 Sand
DPE-3	11/14/2011	Oct-12	Excavated	25.27	PVC	16	14	10	4	7 - 14	0.01	6.5 - 16	#2/12 Sand
DPE-4	1/19/2012	11/21/2013	Pressure Grout	26.06	PVC	17	17	10	4	8 - 17	0.01	7.5 - 17	#2/12 Sand
DPE-5	1/20/2012	9/18/2013	Pressure Grout	26.25	PVC	18	18	10	4	8 - 18	0.01	7.5 - 18	#2/12 Sand
DPE-6	1/20/2012	11/21/2013	Pressure Grout	26.13	PVC	18	18	10	4	8 - 18	0.01	7.5 - 18	#2/12 Sand
DPE-8	1/20/2012	11/21/2013	Pressure Grout	25.36	PVC	18	18	10	4	8 - 18	0.01	7.5 - 18	#2/12 Sand
DPE-9	1/20/2012	11/21/2013	Pressure Grout	25.09	PVC	18	18	10	4	8 - 18	0.01	7.5 - 18	#2/12 Sand
DPE-10	1/20/2012	11/21/2013	Pressure Grout	25.14	PVC	17	17	10	4	8 - 17	0.01	7.5 - 17	#2/12 Sand
DPE-11	1/20/2012	11/21/2013	Pressure Grout	25.57	PVC	18	18	10	4	8 - 18	0.01	7.5 - 18	#2/12 Sand
MW-1	1/15/1987	11/21/2013	Pressure Grout	25.37	PVC	-	20	8	2	5 - 20	-	-	-
MW-2	1/15/1987	11/21/2013	Pressure Grout	25.48	PVC	-	20	8	2	5 - 20	-	-	-
MW-3	1/15/1987	11/21/2013	Pressure Grout	25.13	PVC	-	20	8	2	5 - 20	-	-	-
MW-4	4/20/1994	Active	N/A	25.58	PVC	-	23	8	2	8 - 23	-	-	-
MW-5	4/20/1994	Active	N/A	24.31	PVC	-	22	8	2	7 - 22	-	-	-
VP-1	12/6/2011	11/21/2013	Remove & Grout	-	Nyla/SS	6	6	1.25	1/4	5.1 - 5.6	Mesh	4.7 - 6	#30 Mesh Sand
VP-2	12/6/2011	11/21/2013	Remove & Grout	-	Nyla/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	11/21/2013	Remove & Grout	-	Nyla/SS	5.75	5.75	1.25	1/4	5.1-5.6	Mesh	4.7-5.75	#30 Mesh Sand
SV-3	4/18/2013	11/21/2013	Remove & Grout	-	Nyla/SS	5.0	5.0	2.0	1/4	4.6-4.5	Mesh	5.0-4.0	#30 Mesh Sand
SV-4	4/19/2013	11/25/2013	Remove & Grout	-	Nyla/SS	5.0	5.0	2.0	1/4	4.6-4.5	Mesh	5.0-4.0	#30 Mesh Sand
SV-5	4/20/2013	9/18/2013	Remove & Grout	-	Nyla/SS	5.0	5.0	2.0	1/4	4.6-4.5	Mesh	5.0-4.0	#30 Mesh Sand
SV-6	4/21/2013	11/21/2013	Remove & Grout	-	Nyla/SS	5.0	5.0	2.0	1/4	4.6-4.5	Mesh	5.0-4.0	#30 Mesh Sand
SV-7	4/22/2013	11/21/2013	Remove & Grout	-	Nyla/SS	5.0	5.0	2.0	1/4	4.6-4.5	Mesh	5.0-4.0	#30 Mesh Sand

Table 1
Groundwater and Soil Vapor Well Inventory
 AEI Project No. 298931, 1620-1640 Park Street, Alameda, California

Well ID Number	Well Installation Date	Well Destruction Date	Well Destruction Method	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
SV-8	8/5/2013	11/21/2013	Remove & Grout	-	Teflon/SS	5.0	5.0	2.0	1/4	4.6-4.5	Mesh	5.0-4.0	#30 Mesh Sand
SV-9	8/5/2013	11/21/2013	Remove & Grout	-	Teflon/SS	5.0	5.0	2.0	1/4	4.6-4.5	Mesh	5.0-4.0	#30 Mesh Sand
SV-10	8/5/2013	9/18/2013	Remove & Grout	-	Teflon/SS	5.0	5.0	2.0	1/4	4.6-4.5	Mesh	5.0-4.0	#30 Mesh Sand
SV-11	8/21/2013	9/18/2013	Remove & Grout	-	Teflon/SS	6.5	6.5	2.0	1/4	6.0-5.9	Mesh	6.5-5.5	#30 Mesh Sand
SV-12	8/21/2013	11/21/2013	Remove & Grout	-	Teflon/SS	6.5	6.5	2.0	1/4	6.0-5.9	Mesh	6.5-5.5	#30 Mesh Sand
SV-13	10/24/2013	11/25/2013	Remove & Grout	-	Teflon/SS	6.1	6.1	1.5	1/4	6.0-5.9	Mesh	6.1-5.1	#30 Mesh Sand
SV-14	10/24/2013	11/21/2013	Remove & Grout	-	Teflon/SS	6.1	6.1	1.5	1/4	6.0-5.9	Mesh	6.1-5.1	#30 Mesh Sand
SV-15	10/24/2013	11/21/2013	Remove & Grout	-	Teflon/SS	6.1	6.1	1.5	1/4	6.0-5.9	Mesh	6.1-5.1	#30 Mesh Sand

PVC = polyvinyl chloride
 Nyla/SS = Nylaflo tubing with stainless-steel tip
 TOC = top of casing
 "-" = not available

Table 6

Groundwater Analytical Data - Grab Samples
TPH and MBTEX
 AEI Project No. 298931, 1620-1640 Park Street, Alameda, California

Sample ID	Date Collected	TPH-g (µg/L)	TPH-d* (µg/L)	TPH-mo* (µg/L)	MTBE (µg/L) EPA Method SW8021B/8015Bm	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
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
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

Table 6

Groundwater Analytical Data - Grab Samples
TPH and MBTEX

AEI Project No. 298931, 1620-1640 Park Street, Alameda, California

Sample ID	Date Collected	TPH-g (µg/L)	TPH-d* (µg/L)	TPH-mo* (µg/L)	MTBE (µg/L) EPA Method SW8021B/8015Bm	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
AEI-3-W	7/25/2011	11,000	12,000	29,000	<50	1,100	1,900	210	860
AEI-4-W	7/25/2011	200,000	25,000	19,000	<500	21,000	30,000	3,600	16,000
AEI-5-W	7/25/2011	<50	<50	<250	-	-	-	-	-
AEI-6-W	7/25/2011	18,000	120,000	300,000	<50	<5.0	7.7	<5.0	28
AEI-7-W	7/25/2011	280	11,000	28,000	-	-	-	-	-
AEI-8-W	7/25/2011	<50	1,600	3,800	-	-	-	-	-
AEI-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
 TPH-mo = TPH as motor oil
 MTBE = methyl tertiary butyl ether
 "*" = with silica gel cleanup
 "-" = not available
 "<" = less than

Table 7
Groundwater Analytical Data - Grab Samples
VOCs, Fuel Oxygenates, and PCBs
 AEI Project No. 298931, 1620-1640 Park Street, Alameda, California

Sample ID	Date Collected	1,4-Dioxane (µg/L)	TBA (µg/L)	EDB (µg/L)	EDC (µg/L) EPA Method SW8260B	MTBE (µg/L)	Fuel Oxygenates^ (µg/L)	All Target VOCs (µg/L)
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, and PCBs
 AEI Project No. 298931, 1620-1640 Park Street, Alameda, California

Sample ID	Date Collected	1,4-Dioxane (µg/L)	TBA (µg/L)	EDB (µg/L)	EDC (µg/L) EPA Method SW8260B	MTBE (µg/L)	Fuel Oxygenates^ (µg/L)	All Target VOCs (µg/L)
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-27	1/17/2012	-	-	-	-	-	-	<MDL ¹

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

MDL = method detection limit; MDLs are below the ESL if one is established.

MDL = method detection limit; MDLs assumed to be below the established ESLs; work done by previous consultant and analytical reports are not available to AEI.

MDL¹ = method detection limit; MDLs at standard dilution and below the respective ESLs.

VOCs = volatile organic compounds

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

Groundwater Monitoring Analytical Data (TPHs, BTEX, MTBE & Lead) - Monitoring Wells

AEI Project No. 298931, 1630 Park Street (Parcel B), Alameda, CA

Sample ID	Date	Notes	TPH-d	TPH-mo	TPH-g	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
			(µg/L)	(µg/L)	by EPA Methods 8020, 8021B, or 8260B (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	-
	6/27/2002	a	-	-	5,900	230	7.7	<5	1,500	<5	-
	11/18/2002	a	-	-	3,100	890	12	310	28	<2.5	-
	2/20/2003	d	-	-	260	100	0.72	<0.5	<0.5	<0.5	-
	6/11/2003	a	-	-	3,100	480	6.7	220	420	<2.5	-
	4/3/2008	a	-	-	2,700	280	21	130	230	<1.0	<0.5
	6/23/2011	a	-	-	610	100	6.2	46	77	<2.5	-
	12/6/2011	a	-	-	900	160	<5.0	68	76	<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	-	
11/16/2012	c	140	<250	370	71	<1.7	<1.7	<1.7	<1.7	-	
2/27/2013		<50	<250	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	
5/1/2013		<50	<250	<50	3.1	<0.5	<0.5	<0.5	<0.5	-	
10/24/2013	a,g	230	<250	520	39	<1.0	29	5.2	<1.0	-	

Table 8

Groundwater Monitoring Analytical Data (TPHs, BTEX, MTBE & Lead) - Monitoring Wells

AEI Project No. 298931, 1630 Park Street (Parcel B), Alameda, CA

Sample ID	Date	Notes	TPH-d	TPH-mo	TPH-g	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
			(µg/L)	(µg/L)	by EPA Methods 8020, 8021B, or 8260B (µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
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	4,000	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	-
	6/27/2002	a	-	-	39,000	7,000	1,800	690	4,000	<5	-
	11/18/2002	a	-	-	15,000	5,700	76	1,000	150	<12	-
	2/20/2003	a	-	-	26,000	6,300	1,100	1,300	1,900	<5.0	-
	6/11/2003	a	-	-	37,000	7,100	2,300	2,000	3,600	<25	-
	4/3/2008	a	-	-	4,100	760	96	250	130	<2.5	<0.5
	6/23/2011	a	-	-	6,500	2,100	210.0	560	310	<50	-
	12/6/2011	a	-	-	4,800	1,600	<50	260	<50	<50	-
	1/24/2012	a	-	-	2,500	100	22.0	<5.0	410	<5.0	-
	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	-	
11/16/2012	c	200	<250	340	15	1.4	5.4	2.1	<0.5	-	
2/27/2013	a	<50	<250	53	1.8	<0.5	<0.5	1.4	<0.5	-	
5/1/2013	a,c	190	<250	280	2.2	<0.5	5.6	5.6	<0.5	-	
10/24/2013	a,g	380	<250	480	5.0	<0.5	2.8	1.3	<0.5	-	

Table 8

Groundwater Monitoring Analytical Data (TPHs, BTEX, MTBE & Lead) - Monitoring Wells

AEI Project No. 298931, 1630 Park Street (Parcel B), Alameda, CA

Sample ID	Date	Notes	TPH-d	TPH-mo	TPH-g	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
			(µg/L)	(µg/L)	by EPA Methods 8020, 8021B, or 8260B (µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
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	<5.0	-
	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	<5.0	-
	6/27/2002		-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-
	11/18/2002	a	-	-	110	21	1	<0.5	<0.5	<0.5	-
	2/20/2003		-	-	<50	2.5	<0.5	<0.5	<0.5	<0.5	-
	6/11/2003		-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-
	4/3/2008	a	-	-	7,600	2,400	58	250	170	<5.0	<0.5
	6/23/2011	a	-	-	1,300	560	21	86	150	<12	-
	12/6/2011	a	-	-	1,800	620	28	22	46	<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	-	
11/16/2012		<50	<250	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	
2/27/2013	g	<50	<250	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	
5/1/2013		<50	<250	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	
8/2/2013		-	-	-	<2.5	<2.5	<2.5	<2.5	<2.5	-	
10/24/2013	a,g	100	<250	100	4.2	<1.2	<1.2	<1.2	<1.2	-	

Table 8

Groundwater Monitoring Analytical Data (TPHs, BTEX, MTBE & Lead) - Monitoring Wells

AEI Project No. 298931, 1630 Park Street (Parcel B), Alameda, CA

Sample ID	Date	Notes	TPH-d	TPH-mo	TPH-g	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
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	<0.5	<0.5
	6/23/2011	a	-	-	53	2.7	<0.5	1.0	1.7	<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	-
	11/16/2012	c	360	<250	440	3.4	<0.5	1.2	2.1	<0.5	-
	2/27/2013		<50	<250	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-
	5/1/2013		<50	<250	<50	1.8	<0.5	<0.5	<0.5	<0.5	-
	8/8/2013	g	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	-
	10/24/2013	g	<50	<250	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-
	1/21/2014		<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	<5.0	-
	11/12/1998		-	-	<50	<0.5	<0.5	<0.5	<0.5	<5.0	-
	1/16/2001		-	-	<50	11	<0.5	<0.5	0.82	<5.0	-
	6/27/2002		-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-
	11/18/2002	a	-	-	130	17	3.8	2.1	16	<0.5	-
	2/20/2003		-	-	<50	5.6	0.51	<0.5	0.68	<0.5	-
	6/11/2003	a	-	-	170	48	<0.5	<0.5	1.4	<0.5	-
	4/3/2008	a	-	-	31,000	490	3,400	1,600	5,300	<10	<0.5
	6/23/2011	a	-	-	82	5.1	<0.5	12.0	8.4	<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	-
	11/16/2012	c	450	<250	580	27	1.7	6.7	7.1	<0.5	-
	2/27/2013		<50	<250	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-
5/1/2013	a	<50	<250	64	3.4	<0.5	<0.5	<0.5	<0.5	-	
8/8/2013	g	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	
10/24/2013	a,g	<50	<250	130	5.2	<0.5	0.73	1.9	<0.5	-	
1/21/2014		<50	<250	190	5.4	<0.5	<0.5	1.3	<0.5	-	

Table 8

Groundwater Monitoring Analytical Data (TPHs, BTEX, MTBE & Lead) - Monitoring Wells

AEI Project No. 298931, 1630 Park Street (Parcel B), Alameda, CA

Sample ID	Date	Notes	TPH-d	TPH-mo	TPH-g	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
DPE-1	12/6/2011	a	-	-	9,200	1,800	570	460	1,100	<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	-
	11/16/2012	c	360	<250	580	3.3	<0.5	2.2	2.8	<0.5	-
	2/27/2013	a,c	110	<250	270	1.4	<0.5	0.53	5.3	<0.5	-
	5/1/2013	a,c	74	<250	330	0.90	<0.5	1.9	10	<0.5	-
	8/8/2013	g	-	-	-	18	<5.0	35	39	<5.0	-
	10/24/2013	a,g	530	<250	610	6.1	0.78	3.6	3.5	<0.5	-
DPE-2	12/6/2011	a	-	-	22,000	2,100	3,300	650	3,300	<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	-
	11/16/2012		<50	<250	<50	3.4	<0.5	<0.5	<0.5	<0.5	-
	2/27/2013	h	99	<250	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-
	5/1/2013	a,c	57	<250	180	37	1.3	3.1	3.2	<0.5	-
	8/8/2013	g	-	-	-	360	<5.0	30	11	<5.0	-
			Well Decommissioned Prior to Excavation - October 2013								
DPE-3	12/6/2011	a	-	-	6,400	550	560	180	1,000	<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	-
		Well Decommissioned Prior to Excavation - 2012									
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	-
	11/16/2012		<50	<250	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-
	2/27/2013		<50	<250	<50	0.63	<0.5	<0.5	<0.5	<0.5	-
	5/1/2013	a,h	53	<250	210	19	<0.5	<0.5	<0.5	<0.5	-
	8/2/2013		-	-	-	12	<0.5	<0.5	<0.5	<0.5	-
	10/24/2013	a	76	<250	170	4.4	<0.5	<0.5	0.53	<0.5	-
DPE-5	11/16/2012	h	560	1,400	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-
	2/27/2013	a,c,h	1,200	2,600	3,900	440	370	120	570	<10	-
	5/1/2013	Well not sampled due to the presence of free product (Thickness of 0.17')									
	8/2/2013	Well not sampled due to the presence of free product (Thickness of 0.09')									
		Well Decommissioned Prior to Excavation - October 2013									
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	-
	11/16/2012		<50	<250	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-
	2/27/2013	h	160	<250	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-
	5/1/2013	i	1,200	1,100	<50	0.58	<0.5	<0.5	<0.5	<0.5	-
	8/2/2013		-	-	-	0.53	<0.5	<0.5	<0.5	<0.5	-
	10/24/2013		<50	<250	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-

Table 8

Groundwater Monitoring Analytical Data (TPHs, BTEX, MTBE & Lead) - Monitoring Wells

AEI Project No. 298931, 1630 Park Street (Parcel B), Alameda, CA

Sample ID	Date	Notes	TPH-d	TPH-mo	TPH-g	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
DPE-8	11/16/2012	c	460	<250	630	13	<0.5	1.1	19	<0.5	-
	2/27/2013		<50	<250	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-
	5/1/2013	a,c	92	<250	140	8.0	<0.5	<0.5	<0.5	<0.5	-
	10/24/2013	a	<50	<250	63	<0.5	<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	-
	11/16/2012	c	470	<250	530	4.7	<0.5	0.78	2.3	<0.5	-
	2/27/2013	b	2,200	<250	3,300	5.5	<0.5	5.7	<0.5	16	-
	5/1/2013	a,c	1,300	<250	1,700	5.4	<0.5	5.6	11	<0.5	-
	8/2/2013		-	-	-	3.9	<0.5	<0.5	<0.5	<0.5	-
	10/24/2013	g	<50	<250	<50	0.58	<0.5	<0.5	<0.5	<0.5	-
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	-
	11/16/2012		<50	<250	79	4.9	<0.5	<0.5	<0.5	<0.5	-
	2/27/2013	a	660	<250	820	5.3	<0.5	6.0	<0.5	4.4	-
	5/1/2013	a,c	2,600	<250	3,700	56	<1.7	95	82	<1.7	-
	8/2/2013		-	-	-	8.2	<0.5	<0.5	<0.5	<0.5	-
10/24/2013	a,g	57	<250	97	2.2	<0.5	<0.5	<0.5	<0.5	-	
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	-
	11/16/2012	c	540	<250	860	5.3	<0.5	0.81	1.2	<0.5	-
	2/27/2013		<50	<250	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-
	5/1/2013		<50	<250	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-
	10/24/2013	a,g	340	<250	490	4.7	<0.5	2.9	0.80	<0.5	-
ESL			100	100	100	1.0	40	30	20	5.0	2.5

TPH-g= total petroleum hydrocarbons as gasoline

TPH-d= total petroleum hydrocarbons as diesel

TPH-mo= total petroleum hydrocarbons as motor oil

BTEX= Benzene, Toluene, Ethylbenzene, Xylenes

MTBE = Methyl tertiary butyl ether

"-" = Not analyzed or data not available

µg/L = micrograms per liter (ppb)

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

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 compounds (the most mobile fraction) are significant.

e = Laboratory note indicates that one to a few isolated non-targeted 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

h = Laboratory note indicates that diesel & oil range compounds are significant

i = Laboratory note indicates that aged diesel is significant

* Total petroleum hydrocarbons as diesel = <50; Total petroleum hydrocarbons as motor oil = <250

Table 9
Groundwater Monitoring Analytical Data (VOCs) - Monitoring Wells
 AEI Project No. 298931, 1630 Park Street (Parcel B), Alameda, CA

Sample I.D.	Date	Notes	TAME	t-Butyl alcohol (TBA)	EDB	1,2-DCA	DIPE	Ethanol	ETBE	2-Butanone	n-Butyl benzene	sec-Butyl benzene	Isopropylbenzene	cis-1,2-Dichloroethene	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	Naphthalene	n-Propyl benzene	Methanol	PCE	TCE	Chloroform	Other VOCs		
			by EPA Methods 8020, 8021B, or 8260B (µg/L)																						
MW-1	1/16/2001	a	<5.0	<25	<5.0	<5.0	<5.0	-	<5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	6/27/2002	a	<5.0	<50	<5.0	<5.0	<5.0	-	<5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/18/2002	a	-	-	<2.5	<2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	2/20/2003	d	-	-	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	6/11/2003	a	-	-	<2.5	<2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	4/3/2008	a	<1.0	<4.0	<1.0	<1.0	<1.0	<100	<1.0	-	-	-	-	-	-	-	-	-	-	<1,000	-	-	-	-	-
	6/23/2011	a	<2.5	<10	-	-	<2.5	-	<2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/6/2011	a	<5.0	<20	-	-	<5.0	-	<5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/24/2013			<1.0	<4.0	<1.0	<1.0	<1.0	-	<1.0	<4.0	<1.0	1.3	3.6	<1.0	6.4	29	19	3.3	-	<1.0	<1.0	<1.0	<RL	
	MW-2	1/16/2001	a	<30	<150	<30	<30	<30	-	<30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6/27/2002		a	<5.0	<5.0	<5.0	6.1	<5.0	-	<5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/18/2002		a	-	-	<12	<12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2/20/2003		a	-	-	<5.0	5.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6/11/2003		a	-	-	<25	<25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4/3/2008		a	<2.5	<10	<2.5	<2.5	<2.5	<250	<2.5	-	-	-	-	-	-	-	-	-	-	<2,500	-	-	-	-	-
6/23/2011		a	<50	<200	-	-	<50	-	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12/6/2011		a	<50	<200	-	-	<50	-	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10/24/2013				<0.5	13	<0.5	<0.5	<0.5	-	<0.5	<2.0	1.7	2.4	1.1	<0.5	1.9	4.6	24	0.75	-	<0.5	5.5	<0.5	<RL ^h	
MW-3		1/16/2001	a	<1.0	<5.0	<1.0	1.4	<1.0	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	6/27/2002		<0.5	<5.0	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/18/2002	a	-	-	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	2/20/2003		-	-	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	6/11/2003		-	-	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	4/3/2008	a	<5.0	<20	<5.0	<5.0	<5.0	<500	<5.0	-	-	-	-	-	-	-	-	-	-	<5,000	-	-	-	-	
	6/23/2011	a	<12	<50	-	-	<12	-	<12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/6/2011	a	<17	<67	-	-	<17	-	<17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	8/2/2013	g	<2.5	22	<2.5	<2.5	<2.5	-	<2.5	<10	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	-	<2.5	63	<2.5	<RL	
	10/24/2013			<1.2	5.9	<1.2	<1.2	<1.2	-	<1.2	<5.0	<1.2	<1.2	<1.2	1.3	<1.2	1.4	24	<1.2	-	<1.2	64	<1.2	<RL	

Table 9
Groundwater Monitoring Analytical Data (VOCs) - Monitoring Wells
 AEI Project No. 298931, 1630 Park Street (Parcel B), Alameda, CA

Sample I.D.	Date	Notes	TAME	t-Butyl alcohol (TBA)	EDB	1,2-DCA	DIPE	Ethanol	ETBE	2-Butanone	n-Butyl benzene	sec-Butyl benzene	Isopropylbenzene	cis-1,2-Dichloroethene	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	Naphthalene	n-Propyl benzene	Methanol	PCE	TCE	Chloroform	Other VOCs	
			by EPA Methods 8020, 8021B, or 8260B (µg/L)																					
MW-4	4/3/2008		<0.5	<2.0	<0.5	<0.5	<0.5	<50	<0.5	-	-	-	-	-	-	-	-	-	<500	-	-	-	-	
	6/23/2011	a	<0.5	<2.0	-	-	<0.5	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	8/8/2013	g	<0.5	<2.0	<0.5	<0.5	<0.5	-	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	5.4	13	<0.5	<RL	
	10/24/2013		<0.5	<2.0	<0.5	<0.5	<0.5	-	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	13	18	9.8	<RL
	1/21/2014		<0.5	<2.0	<0.5	<0.5	<0.5	-	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	12	19	7.1	<RL
MW-5	1/16/2001		<1.0	<5.0	<1.0	<1.0	<1.0	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	6/27/2002		<0.5	<5.0	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/18/2002	a	-	-	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	2/20/2003		-	-	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	6/11/2003	a	-	-	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	4/3/2008	a	<10	<40	<10	<10	<10	<1,000	<10	-	-	-	-	-	-	-	-	-	<10,000	-	-	-	-	
	6/23/2011	a	<0.5	<2.0	-	-	<0.5	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	8/8/2013	g	<0.5	<2.0	<0.5	<0.5	<0.5	-	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	8.3	16	7.4	<RL
	10/24/2013		<0.5	<2.0	<0.5	<0.5	<0.5	-	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	0.59	<0.5	8.0	1.3	<0.5	-	6.7	16	<0.5	<RL
	1/21/2014		<0.5	<2.0	<0.5	<0.5	<0.5	-	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	0.80	<0.5	5.6	1.3	<0.5	-	6.4	15	<0.5	<RL
DPE-1	12/6/2011	a	<50	<200	-	-	<50	-	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	8/8/2013	g	<5.0	<20	<5.0	<5.0	<5.0	-	<5.0	<20	<5.0	<5.0	12	<5.0	<5.0	140	22	20	-	<5.0	<5.0	<5.0	<RL	
	10/24/2013		<0.5	9.5	<0.5	<0.5	<0.5	-	<0.5	<2.0	<0.5	1.9	3.5	<0.5	<0.5	14	<0.5	4.2	-	<0.5	<0.5	<0.5	<RL ⁱ	
DPE-2	12/6/2011	a	<100	<400	-	-	<100	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	8/8/2013	g	<5.0	41	<5.0	<5.0	<5.0	<5.0	-	<20	<5.0	<5.0	8.9	<5.0	<5.0	87	8.7	6.6	-	11	<5.0	<5.0	<RL	
DPE-3	12/6/2011	a	<17	<67	-	-	<17	-	<17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			Well Decommissioned Prior to Excavation - 2012																					
DPE-4	8/2/2013	g	<0.5	13	<0.5	2.6	<0.5	-	<0.5	2.7	0.59	3.7	0.55	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	2.3	<0.5	<RL	
	10/24/2013		<0.5	16	<0.5	4.1	<0.5	-	<0.5	<2.0	<0.5	2.1	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	1.7	<0.5	<RL ^j	
DPE-5	5/1/2013		Well not sampled due to the presence of free product (Thickness of 0.17')																					
	8/2/2013		Well not sampled due to the presence of free product (Thickness of 0.09')																					
			Well Decommissioned Prior to Excavation - October 2013																					

Table 9

Groundwater Monitoring Analytical Data (VOCs) - Monitoring Wells

AEI Project No. 298931, 1630 Park Street (Parcel B), Alameda, CA

Sample I.D.	Date	Notes	TAME	t-Butyl alcohol (TBA)	EDB	1,2-DCA	DIPE	Ethanol	ETBE	2-Butanone	n-Butyl benzene	sec-Butyl benzene	Isopropylbenzene	cis-1,2-Dichloroethene	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	Naphthalene	n-Propyl benzene	Methanol	PCE	TCE	Chloroform	Other VOCs
			by EPA Methods 8020, 8021B, or 8260B (µg/L)																				
DPE-6	8/2/2013	g	<0.5	2.3	<0.5	<0.5	<0.5	-	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	1.5	1.6	<0.5	<RL
	10/24/2013		<0.5	<2.0	<0.5	<0.5	<0.5	-	<0.5	<2.0	<0.5	<0.5	<0.5	0.73	<0.5	<0.5	<0.5	<0.5	-	1.3	2.5	<0.5	<RL ^k
DPE-8	10/24/2013		<0.5	<2.0	<0.5	<0.5	<0.5	-	<0.5	<2.0	<0.5	0.9	<0.5	<0.5	3.4	<0.5	<0.5	<0.5	-	<0.5	0.67	<0.5	<RL
DPE-9	8/2/2013	g	<0.5	2.6	<0.5	<0.5	<0.5	-	<0.5	<2.0	0.62	1.2	<0.5	4.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	21	<0.5	<RL
	10/24/2013		<0.5	<2.0	<0.5	<0.5	<0.5	-	<0.5	<2.0	<0.5	<0.5	<0.5	7.0	<0.5	<0.5	<0.5	<0.5	-	<0.5	31	<0.5	<RL
DPE-10	8/2/2013	g	<0.5	4.6	<0.5	<0.5	<0.5	-	<0.5	<2.0	<0.5	0.86	<0.5	1.5	1.0	<0.5	<0.5	<0.5	-	<0.5	26	<0.5	<RL
	10/24/2013		<0.5	2.3	<0.5	<0.5	<0.5	-	<0.5	<2.0	<0.5	<0.5	<0.5	2.5	0.63	<0.5	<0.5	<0.5	-	<0.5	29	<0.5	<RL
DPE-11	10/24/2013		<0.5	10	<0.5	<0.5	<0.5	-	<0.5	<2.0	<0.5	5.1	3.6	0.73	<0.5	1.5	<0.5	1.9	-	<0.5	5.6	<0.5	<RL ^l
ESL	--		NE	12	0.05	0.5	NE	NE	NE	NE	NE	NE	NE	6.0	NE	NE	6.1	NE	NE	5.0	5.0	80	--

VOCs= Volatile Organic Compounds
 PCE= Tetrachloroethene
 TCE= Trichloroethene
 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

µg/L = micrograms per liter (ppb)

<RL = Below the analytical laboratory reporting limit unless otherwise noted. Reporting limits are below the ESL if applicable.

"-" = Not analyzed or data not available

12 = Values in bold exceed the ESL

NE = No ESL value established

a = Laboratory note indicates the unmodified or weakly modified gasoline is significant.

d = Laboratory note indicates that lighter gasoline range compounds (the most mobile fraction) are significant.

g = Surrogate recovery exceeds the control limits due to dilution / matrix interference / coelution / presence of surrogate compound in the sample

h = 4-Isopropyl toluene detected at 0.89 ug/L and 1,3,5-Trimethylbenzene detected at 1.7 ug/L - no ESLs established.

i = 4-Isopropyl toluene detected at 1.4 ug/L (no ESL).

j = 4-Isopropyl toluene detected at 0.60 ug/L (no ESL).

k = 1,1-Dichloroethane detected at 0.77 ug/L (ESL =5.0 ug/L).

l = 4-Isopropyl toluene detected at 1.5 ug/L (no ESL).

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

Table 11

Groundwater Elevation Data

AEI Project No. 298931, 1620-1640 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	
Nov-12	25.37	8.23	17.14	
Feb-13	25.37	6.55	18.82	
May-13	25.37	7.03	18.34	
Oct-13	25.37	9.10	16.27	
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
	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	
Nov-12	25.48	8.51	16.97	
Feb-13	25.48	7.17	18.31	
May-13	25.48	7.67	17.81	
Oct-13	25.48	9.37	16.11	

Table 11
Groundwater Elevation Data
 AEI Project No. 298931, 1620-1640 Park Street, Alameda, CA

Well ID (Screen Interval)	Date Collected	Well Elevation (ft amsl*)	Depth to Water (ft)	Groundwater Elevation (ft amsl*)
MW-3 (5 - 20 feet bgs)	Jul-89	104.52	9.00	95.52
	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
Nov-12	25.13	8.40	16.73	
Feb-13	25.13	7.49	17.64	
May-13	25.13	8.07	17.06	
Aug-13	25.13	8.68	16.45	
Oct-13	25.13	9.25	15.88	
MW-4 (8 - 23 feet bgs)	Apr-94	104.86	9.29	95.57
	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
	Nov-12	25.58	10.04	15.54
Feb-13	25.58	9.15	16.43	
May-13	25.58	9.37	16.21	
Aug-13	25.58	9.71	15.87	
Oct-13	25.58	10.19	15.39	
MW-5 (7 - 22 feet bgs)	Apr-94	103.62	8.27	95.35
	Jul-94		8.50	95.12
	Oct-94		8.92	94.70
	Jan-95		7.61	96.01
	Apr-95		8.48	95.14
	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
	Nov-12	24.32	8.47	15.85
Feb-13	24.32	7.59	16.73	
May-13	24.32	7.82	16.50	
Aug-13	24.32	8.34	15.98	
Oct-13	24.32	8.76	15.56	

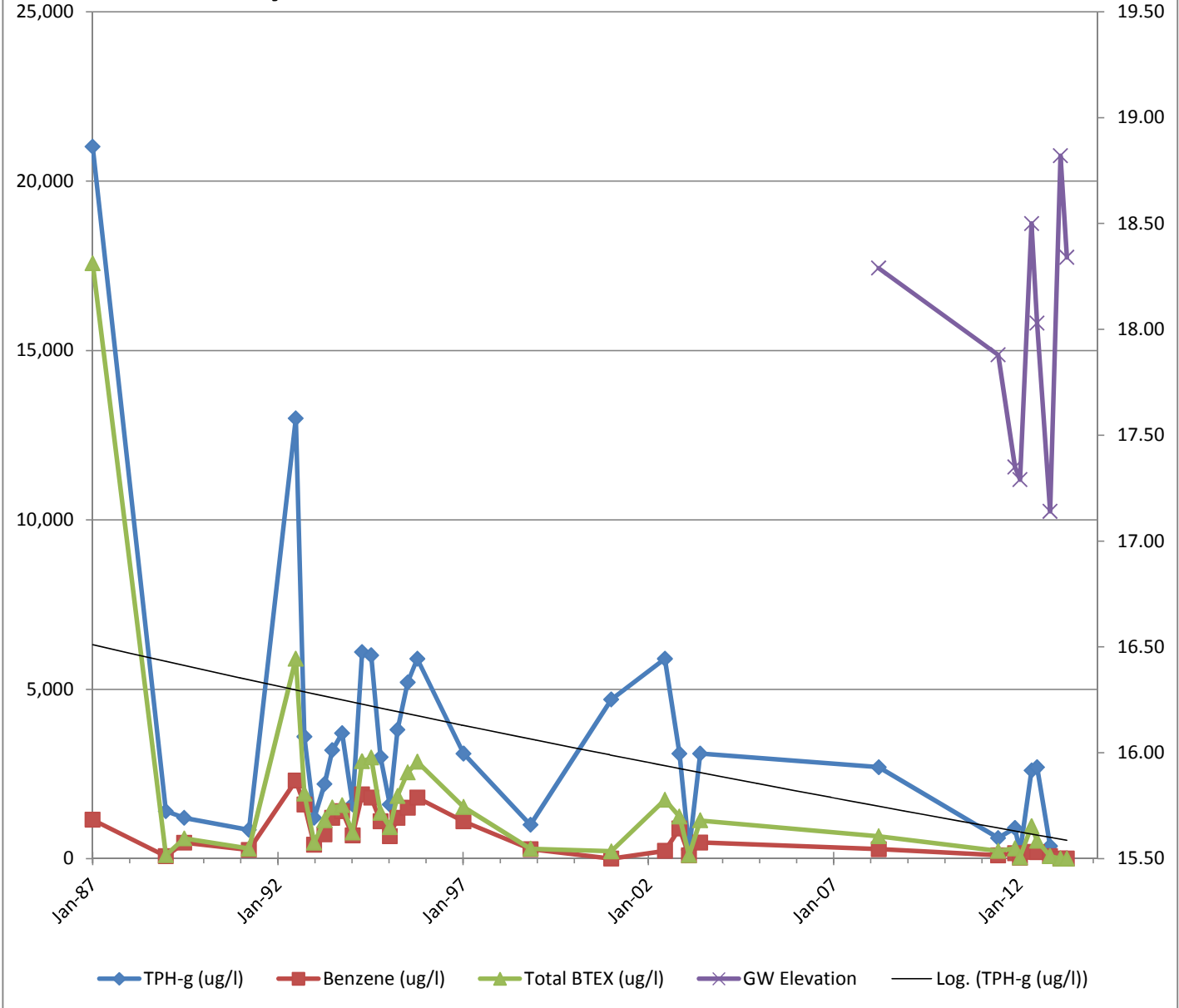
Table 11
Groundwater Elevation Data
 AEI Project No. 298931, 1620-1640 Park Street, Alameda, CA

Well ID (Screen Interval)	Date Collected	Well Elevation (ft amsl*)	Depth to Water (ft)	Groundwater Elevation (ft amsl*)
DPE-1 (7 - 15 feet bgs)	Dec-11	25.88	8.81	17.07
	Jan-12	25.88	8.78	17.10
	May-12	25.88	7.72	18.16
	Jul-12	25.88	8.13	17.75
	Nov-12	25.88	8.84	17.04
	Feb-13	25.88	7.36	18.52
	May-13	25.88	7.88	18.00
	Aug-13	25.88	8.83	17.05
	Oct-13	25.88	9.70	16.18
DPE-2 (7 - 15 feet bgs)	Dec-11	26.22	9.29	16.93
	Jan-12	26.22	7.97	18.25
	May-12	26.22	7.89	18.33
	Jul-12	26.22	8.26	17.96
	Nov-12	26.22	9.02	17.20
	Feb-13	26.22	7.50	18.72
	May-13	26.22	7.97	18.25
	Aug-13	26.22	8.99	17.23
	DPE-3 (7 - 14 feet bgs)	Dec-11	25.27	7.92
Jan-12		25.27	8.98	16.29
May-12		25.27	6.75	18.52
Jul-12		25.27	7.20	18.07
Nov-12		Abandoned	-	-
DPE-4 (8-17 feet bgs)	Jan-12	26.06	9.11	16.95
	May-12	26.06	8.59	17.47
	Jul-12	26.06	8.84	17.22
	Nov-12	26.06	9.23	16.83
	Feb-13	26.06	8.37	17.69
	May-13	26.06	8.90	17.16
	Aug-13	26.06	9.49	16.57
	Oct-13	26.06	10.01	16.05
DPE-5 (8-18 feet bgs)	Jan-12	26.25	-	-
	Nov-12	26.25	9.94	16.31
	Feb-13	26.25	7.72	18.53
	May-13	26.25	8.19	18.06
	Aug-13	26.25	8.99	17.26
DPE-6 (8-18 feet bgs)	Jan-12	26.13	8.58	17.55
	May-12	26.13	7.43	18.70
	Jul-12	26.13	7.83	18.30
	Nov-12	26.13	8.71	17.42
	Feb-13	26.13	7.01	19.12
	May-13	26.13	7.49	18.64
	Aug-13	26.13	8.61	17.52
	Oct-13	26.13	9.66	16.47
DPE-8 (8-18 feet bgs)	Jan-12	25.36	-	-
	Nov-12	25.36	8.31	17.05
	Feb-13	25.36	6.69	18.67
	May-13	25.36	7.25	18.11
	Oct-13	25.36	9.18	16.18
DPE-9 (8-18 feet bgs)	Jan-12	25.09	8.12	16.97
	Jul-12	25.09	7.81	17.28
	Nov-12	25.09	8.38	16.71
	Feb-13	25.09	7.27	17.82
	May-13	25.09	7.75	17.34
	Aug-13	25.09	8.54	16.55
	Oct-13	25.09	9.19	15.90
DPE-10 (8-17 feet bgs)	Jan-12	25.14	-	-
	May-12	25.14	7.73	17.41
	Jul-12	25.14	8.09	17.05
	Nov-12	25.14	8.51	16.63
	Feb-13	25.14	7.64	17.50
	May-13	25.14	8.21	16.93
	Aug-13	25.14	8.79	16.35
	Oct-13	25.14	9.34	15.80
DPE-11 (8-18 feet bgs)	Jan-12	25.57	-	-
	May-12	25.57	7.90	17.67
	Jul-12	25.57	-	-
	Nov-12	25.57	8.74	16.83
	Feb-13	25.57	7.68	17.89
	May-13	25.57	7.24	18.33
Average depth to water GW elev	Dec-11		8.45	17.11
	Jan-12		8.48	17.15
	May-12		7.70	17.82
	Jul-12		8.03	17.45
	Nov-12		8.81	16.73
	May-13		7.92	17.62

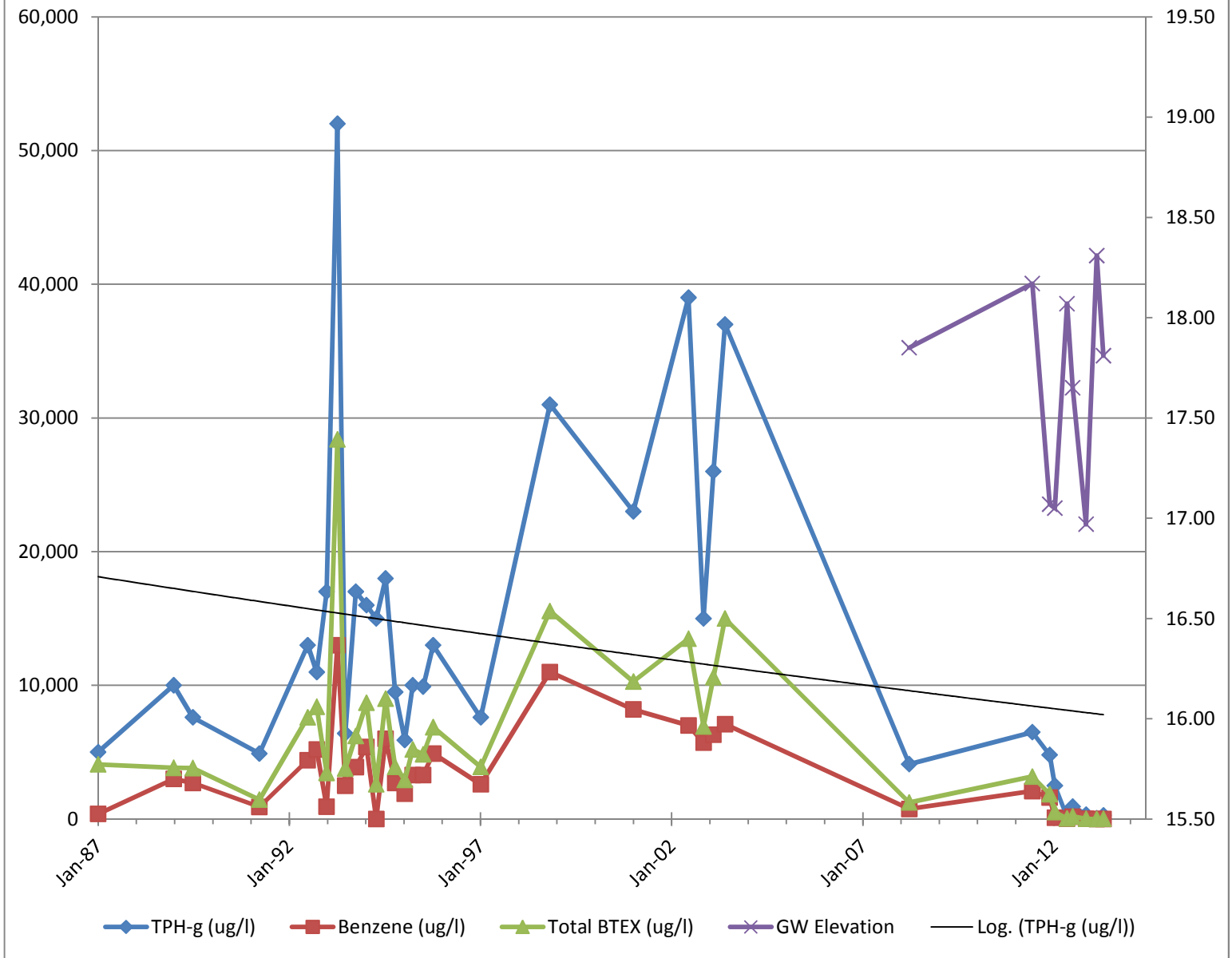
ft amsl * = feet above mean sea level. Note: Data before 2008 are based on a fictitious 100 ft datum.
 All water level depths are measured from the top of casing
 "-" = not measured
 bgs = below ground surface

ATTACHMENT 8

MW-1 Hydrocarbon Concentrations in Groundwater

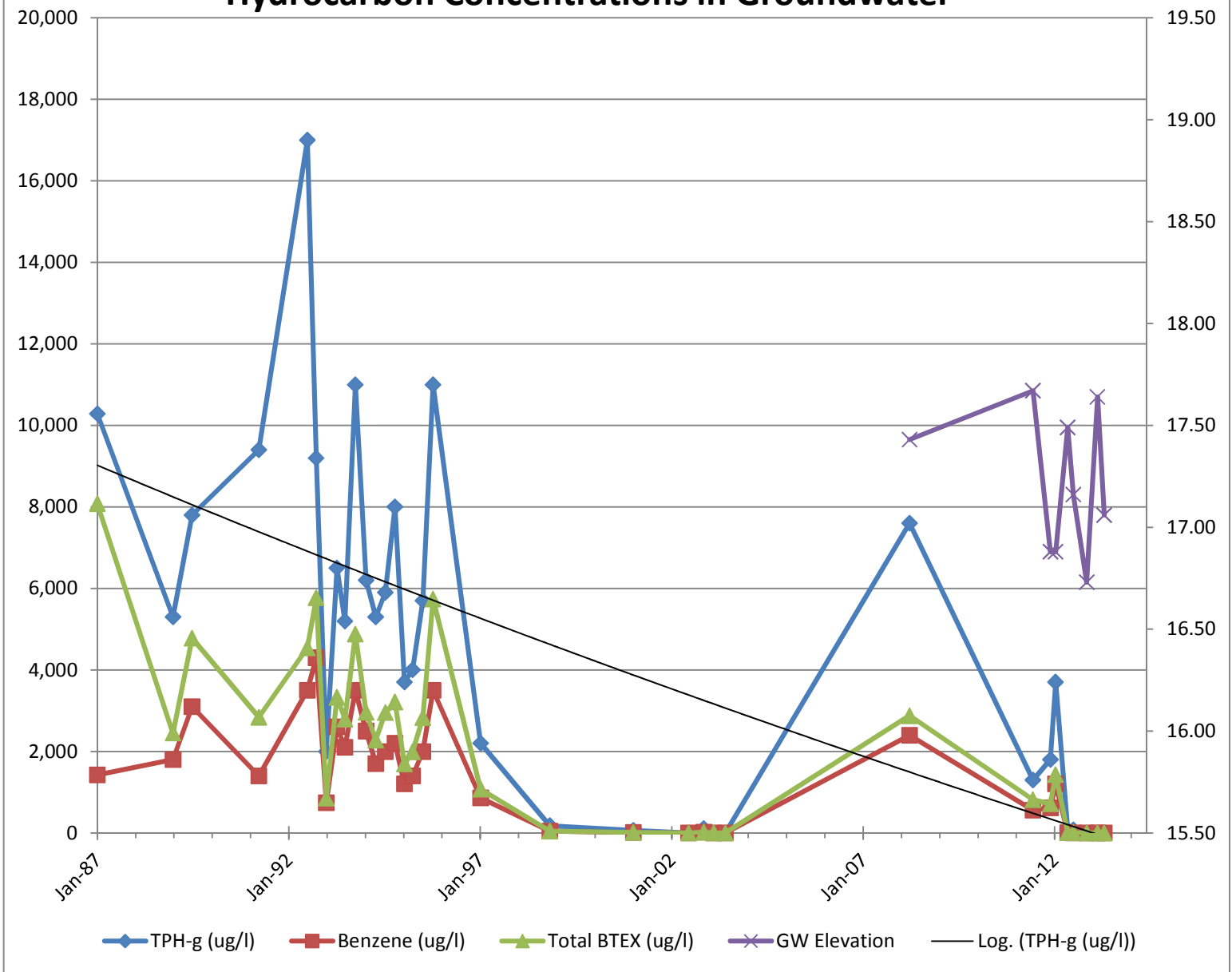


MW-2 Hydrocarbon Concentrations in Groundwater

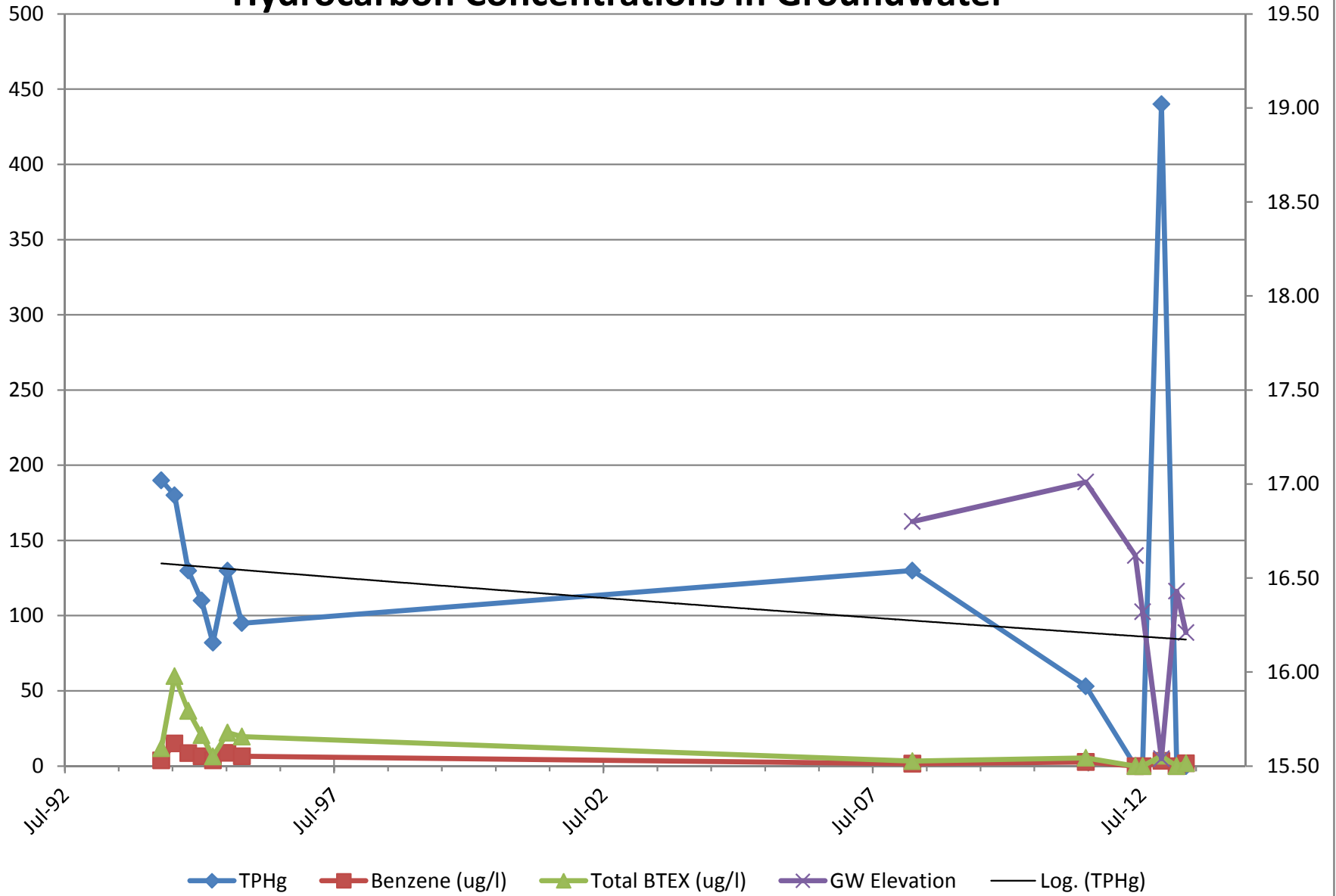


MW-3

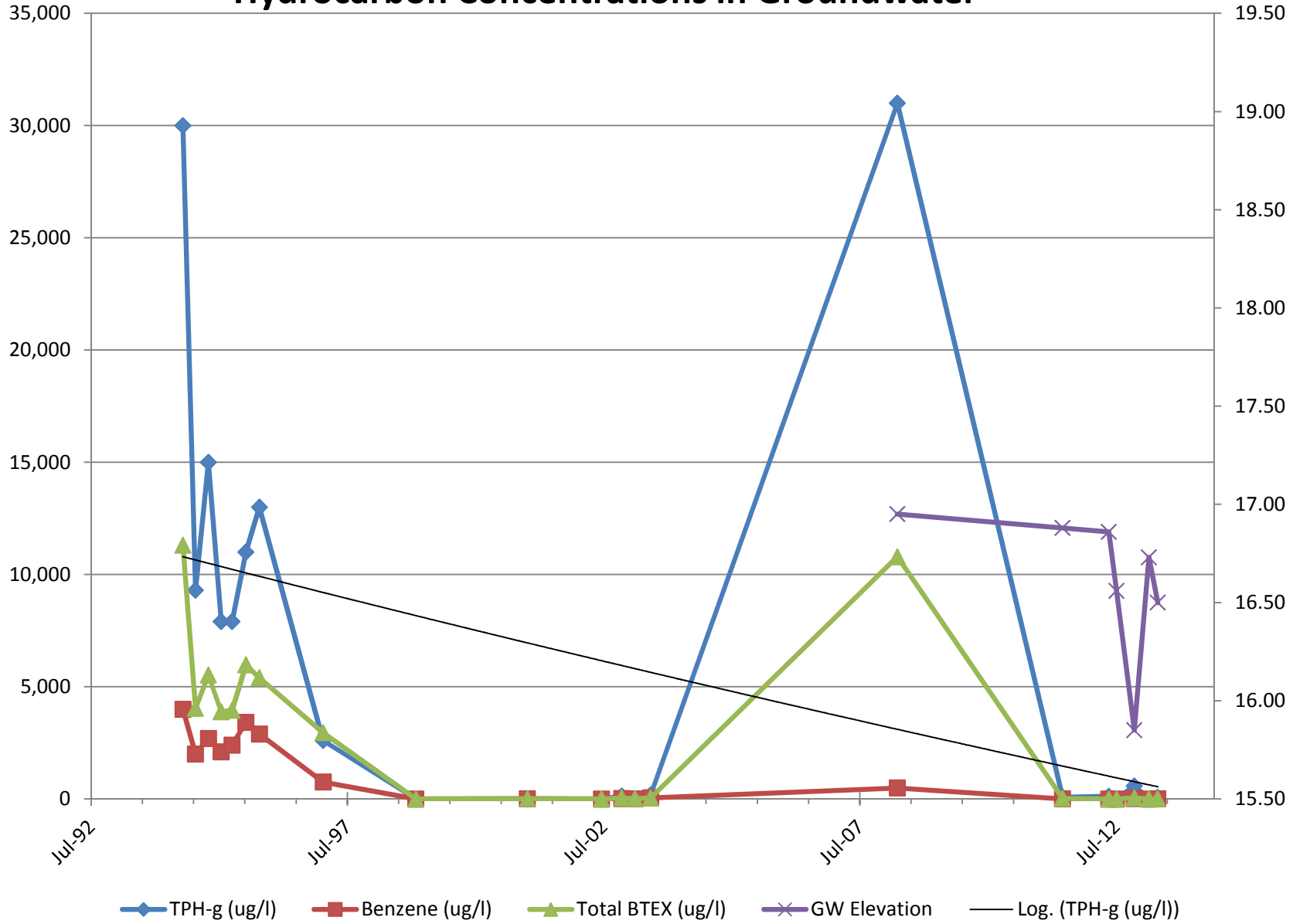
Hydrocarbon Concentrations in Groundwater



MW-4 Hydrocarbon Concentrations in Groundwater

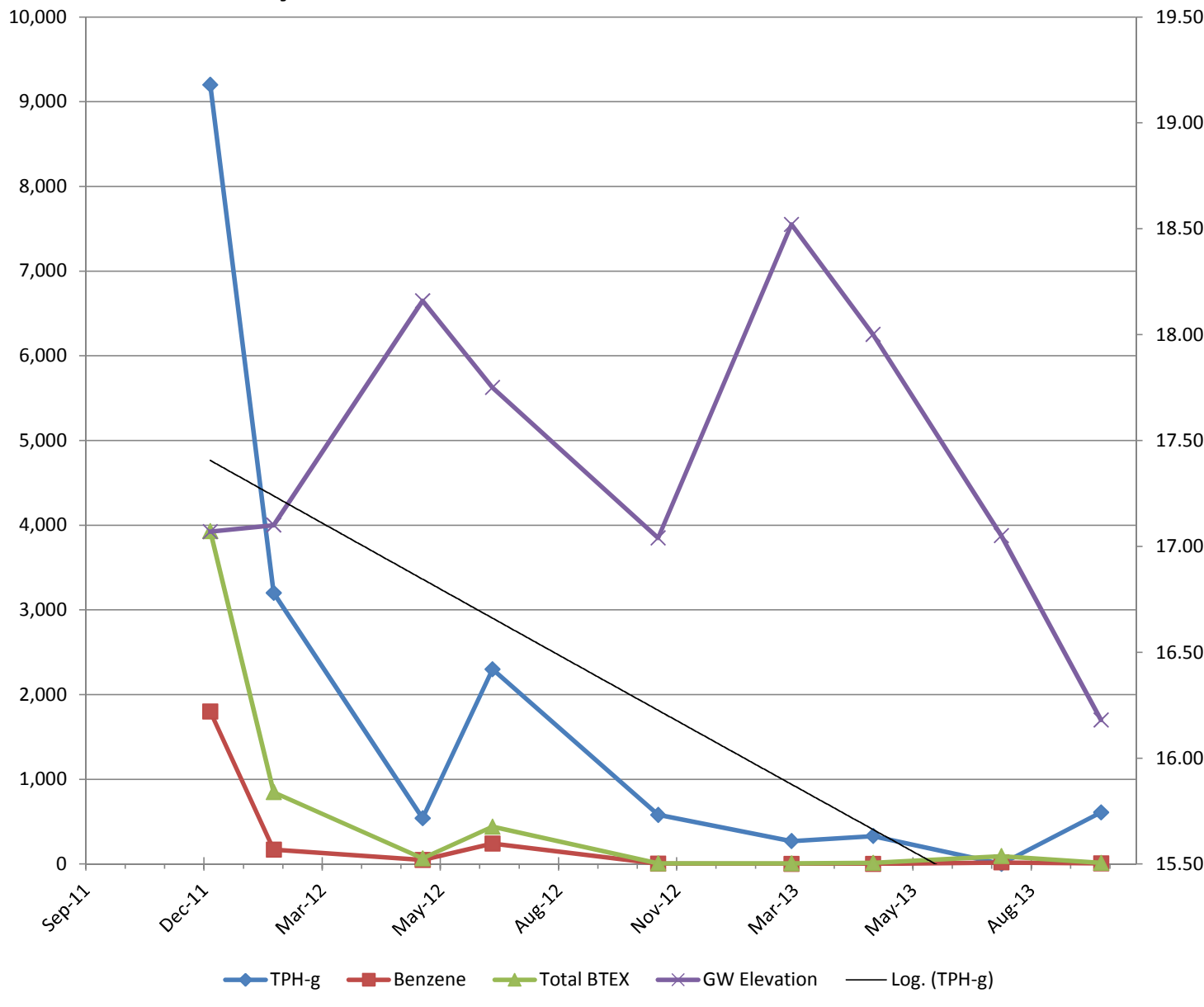


MW-5 Hydrocarbon Concentrations in Groundwater



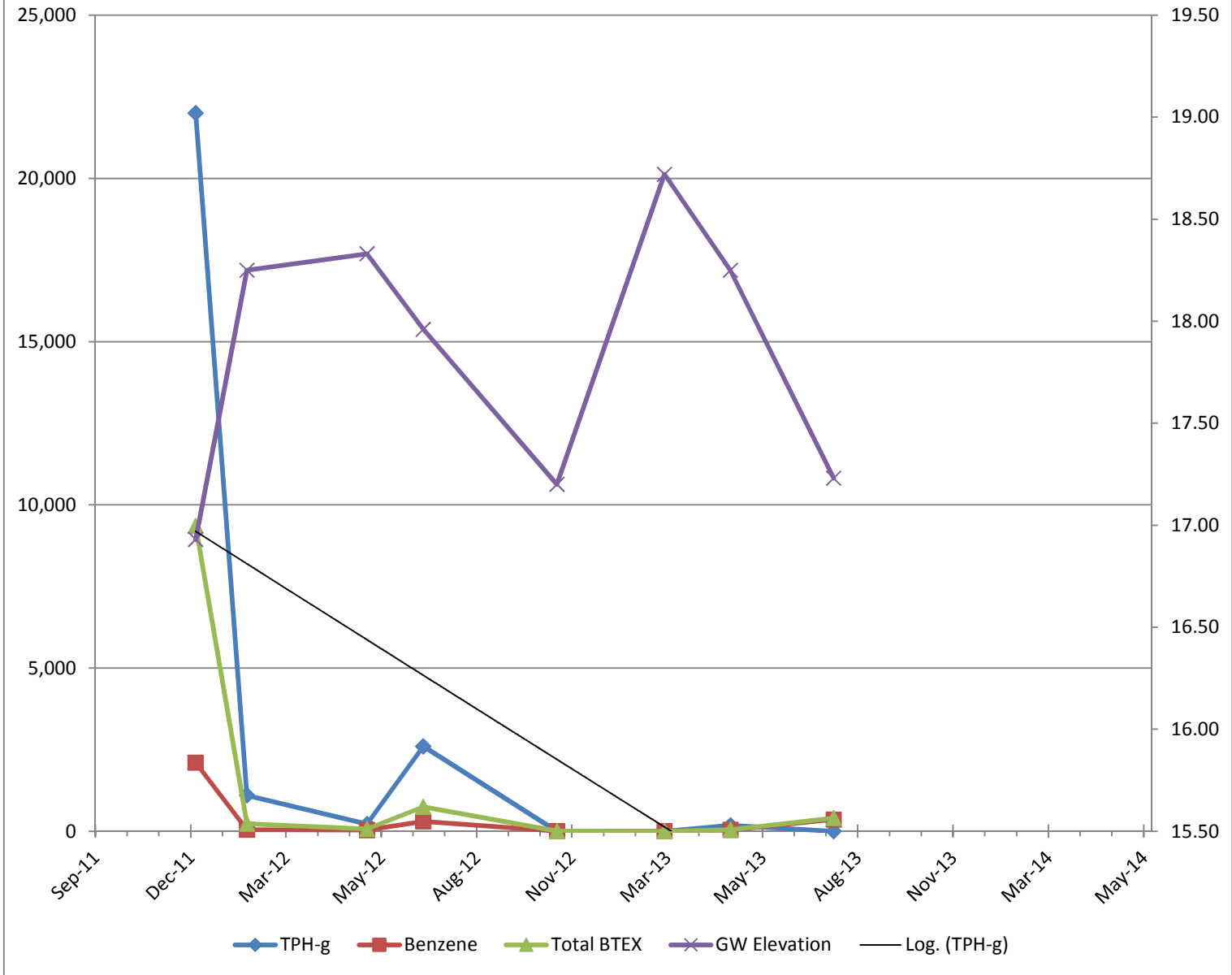
DPE-1

Hydrocarbon Concentrations in Groundwater



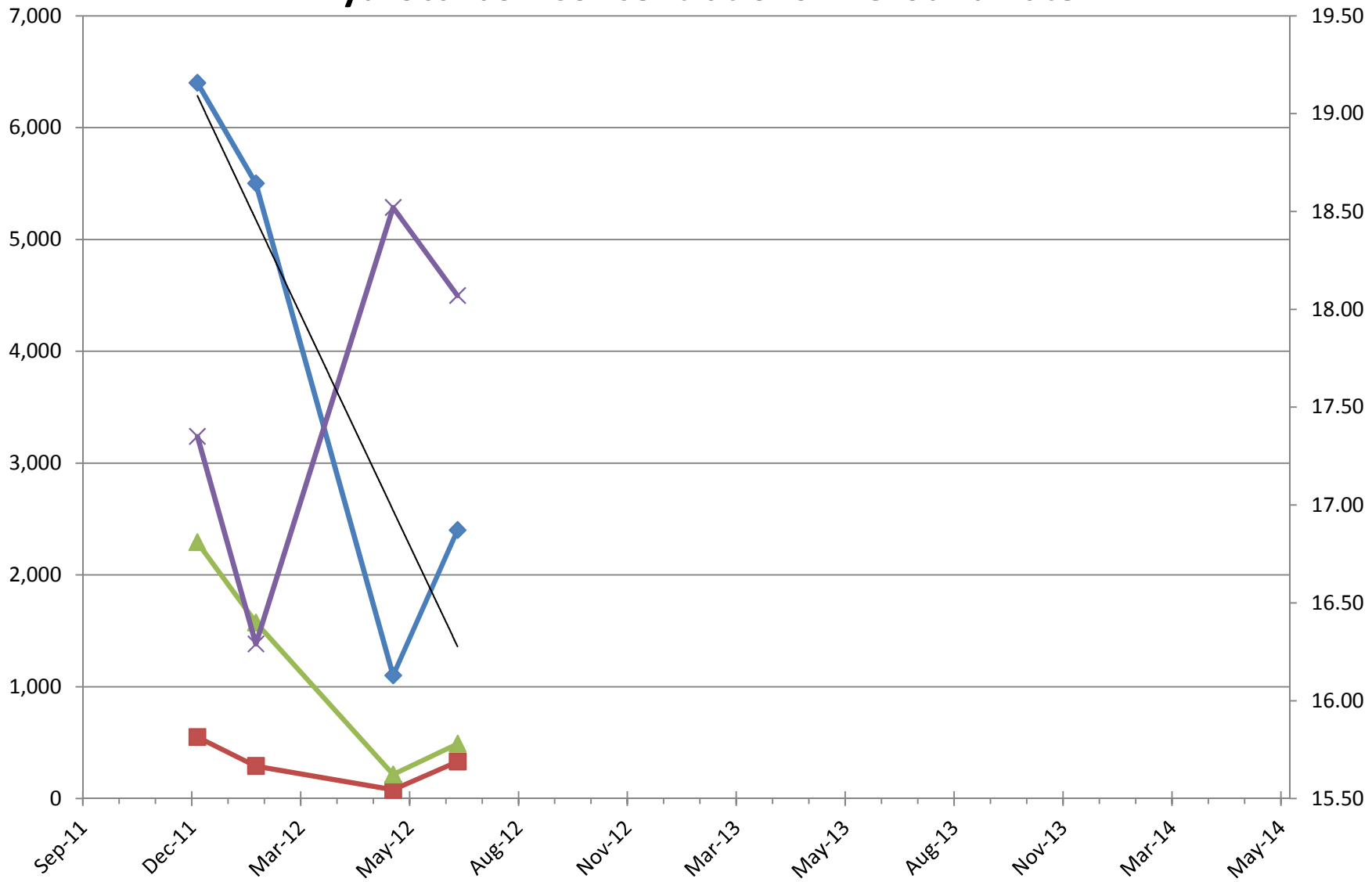
DPE-2

Hydrocarbon Concentrations in Groundwater



DPE-3

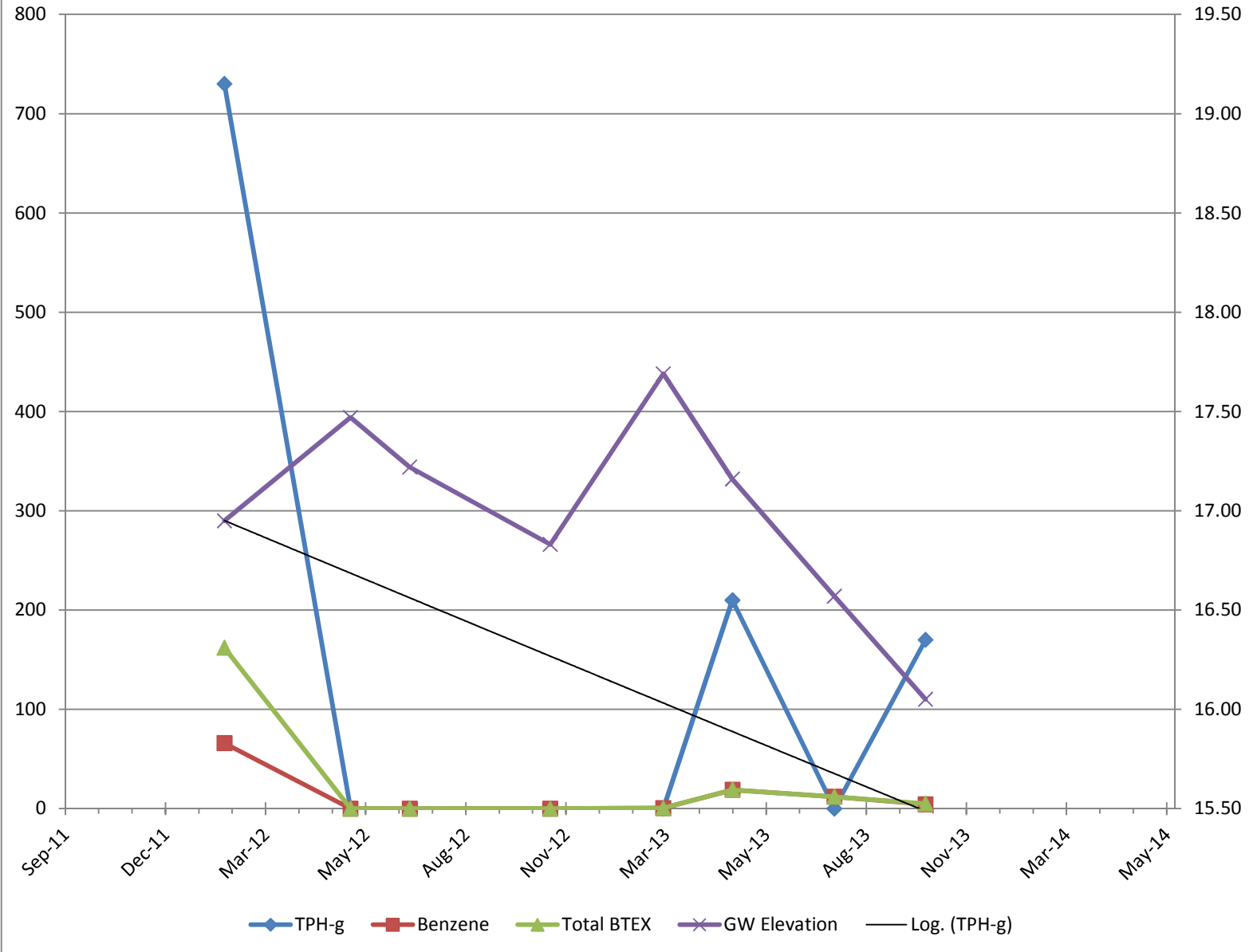
Hydrocarbon Concentrations in Groundwater



Legend:
 -◆- TPH-g (ug/l)
 -■- Benzene (ug/l)
 -▲- Total BTEX (ug/l)
 -×- GW Elevation
 - - - Log. (TPH-g (ug/l))

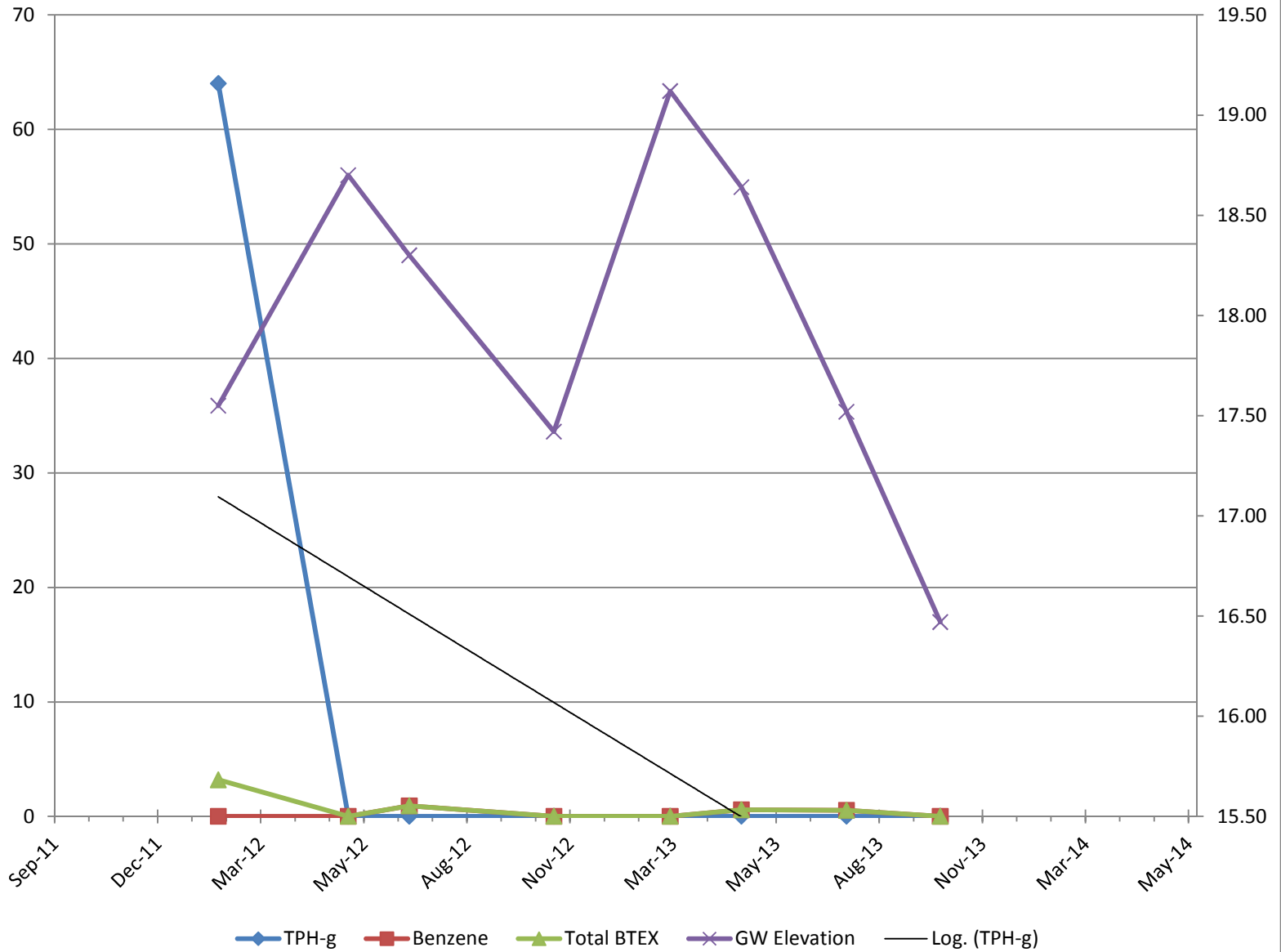
DPE-4

Hydrocarbon Concentrations in Groundwater



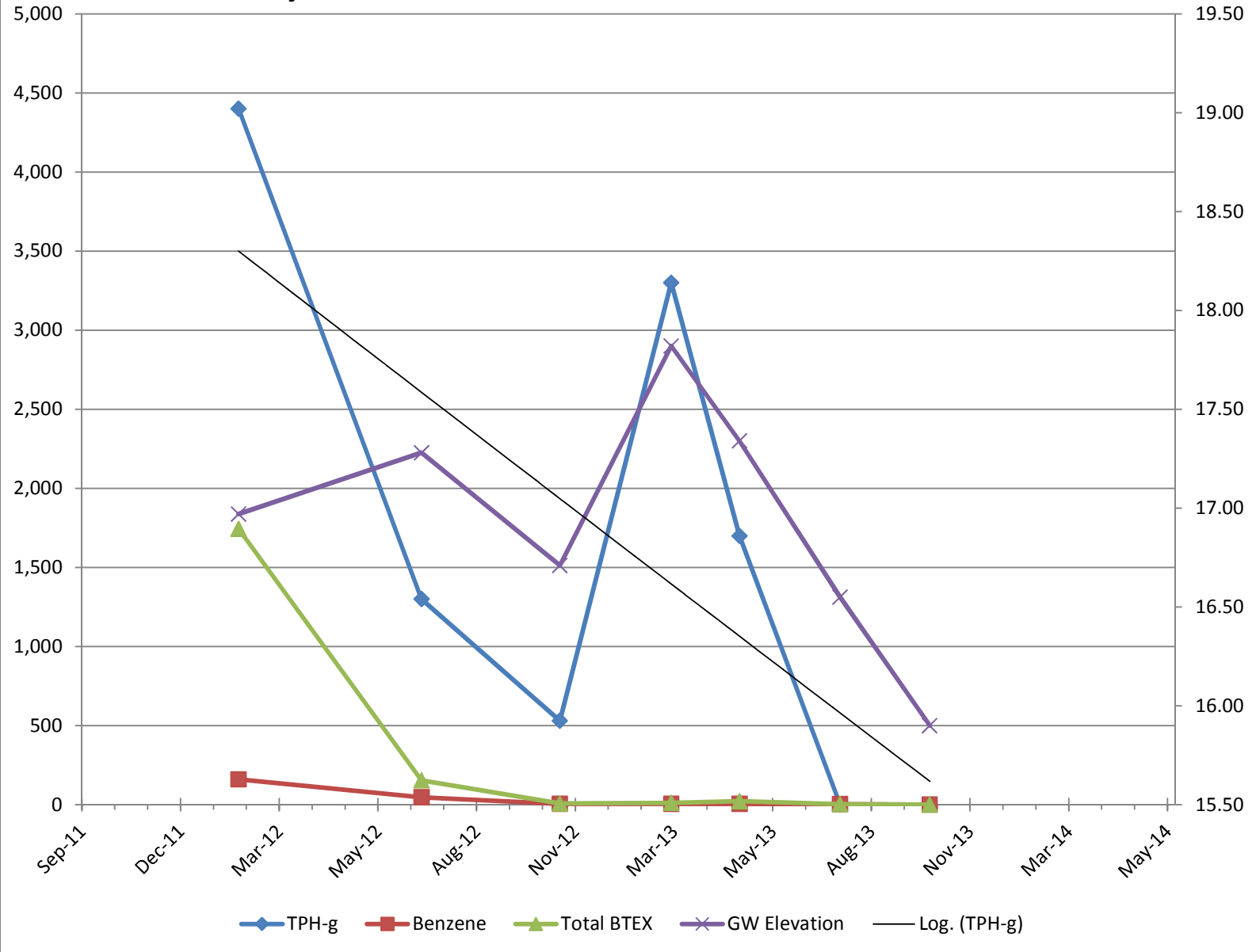
DPE-6

Hydrocarbon Concentrations in Groundwater



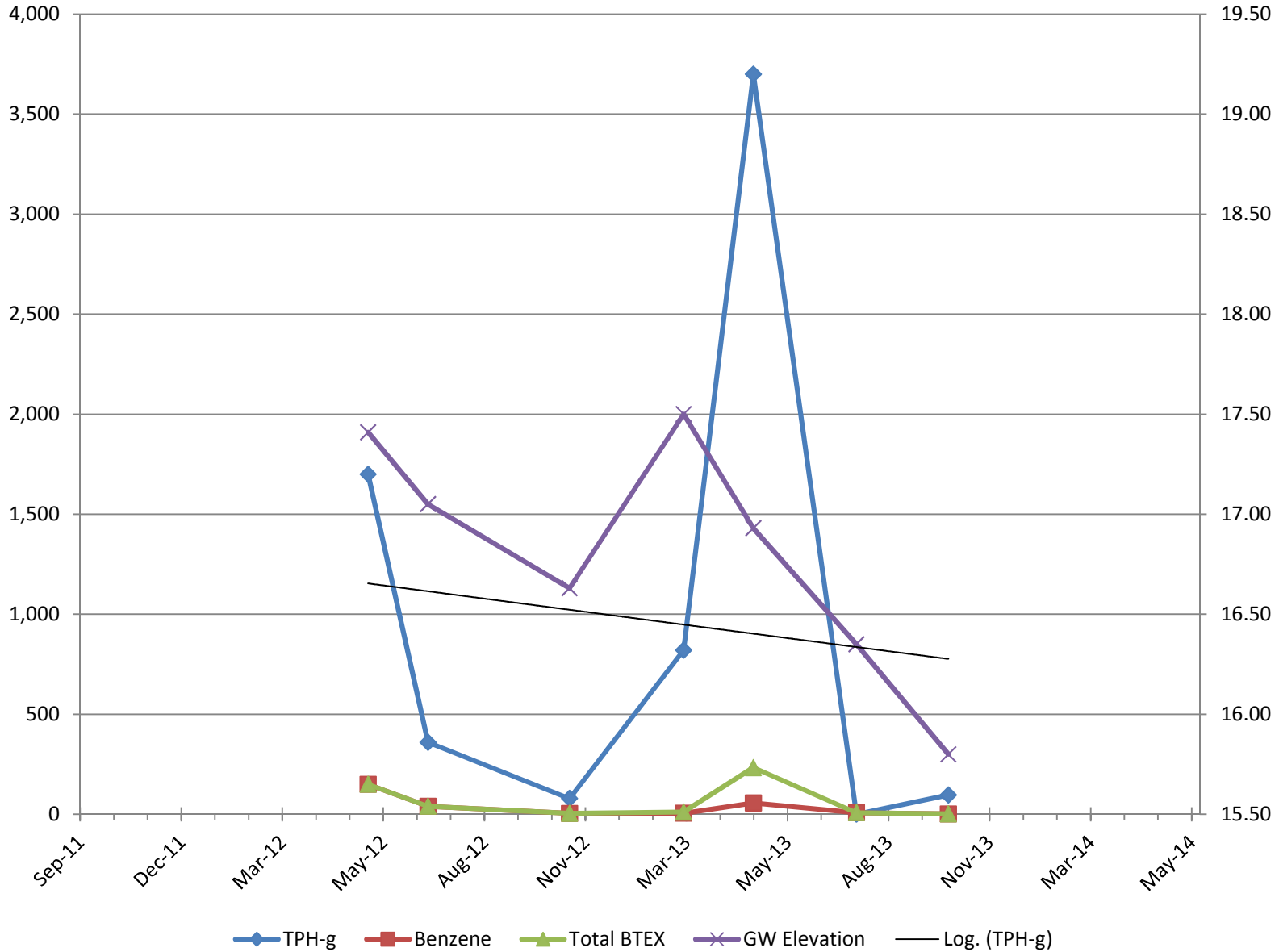
DPE-9

Hydrocarbon Concentrations in Groundwater



DPE-10

Hydrocarbon Concentrations in Groundwater



DPE-11

Hydrocarbon Concentrations in Groundwater

