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January 2, 2008

GROUNDWATER MONITORING REPORT
2nd Semester, 2007

10700 MacArthur Boulevard
Oakland, California

AEI Project No. 261829
Toxics Case No. RO0002580

Prepared For

Jay-Phares Corporation
Attn: John Jay
10700 MacArthur Boulevard, Suite 200
Oakland, CA 94605

Prepared By

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ENVIRONMENTAL & ENGINEERING SERVICES

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January 2, 2008

Jay-Phares Corporation
Attn: John Jay
10700 MacArthur Boulevard, Suite 200
Oakland, CA 94605

**Subject: Semiannual Groundwater Monitoring Report
 2nd Semester, 2007
 10700 MacArthur Boulevard
 Oakland, California
 AEI Project No. 261829
 Toxics Case No. RO0002580**

Dear Mr. Jay:

AEI Consultants (AEI) has prepared this groundwater monitoring report on behalf of The Jay-Phares Corporation, the manager of the Foothill Square Shopping Center (Figure 1: Site Location Map). The documentation of groundwater quality beneath and around the site was performed to monitor the stability of the chlorinated volatile organic compound (VOC) plume beneath the property.

This report was prepared in accordance with the requirements of the Alameda County Health Care Services Agency (ACHCSA) and the Regional Water Quality Control Board (RWQCB). This report summarizes the activities and results of the semi-annual monitoring activities conducted on October 17, 2007.

Site Description and Background

The site is located in a mixed commercial and residential area of Oakland, California. The property is currently developed with the Foothill Square Shopping Center (FSSC). Refer to Figure 1: Site Location Map. One of the former tenants of the FSSC was Young's Cleaners, which operated from approximately 1984 through 1995.

Between 1989 and 1997, several phases of investigation took place into the extent of a release tetrachloroethylene (PCE) from the former dry-cleaners. A total of 18 monitoring wells were installed. In 1996, AEI removed and treated approximately 2,400 cubic yards of VOC impacted soil from beneath and around the former Young's Cleaners location.

Following soil removal activities and the preparation of a risk assessment, both the RWQCB and ACHCSA agreed that the soil had been sufficiently treated, that remaining VOC contaminants in soil and groundwater did not pose a significant risk to human health, and that traditional groundwater "pump and treat" activities would not likely be necessary. However, additional groundwater investigation and monitoring was requested at that time to confirm the stability of the dissolved phase VOC plume. Wells AMW-2 and AMW-3 were decommissioned by AEI prior to soil removal activities. Well WGR-MW1, WGR-MW5, and AMW-7 were covered over during subsequent paving and construction activities.

Based on a request from the ACHCSA, AEI performed a soil vapor survey at the site on October 11 through October 13, 2006. A total of seventeen (17) soil borings (VB-1 through VB-17), each with a shallow boring as well as a deep boring were advanced. The borings were placed throughout the subject property with three of the borings inside existing buildings. Based on the result of the investigation, it was determined that further investigative activities may be warranted. Subsequently, on June 25, 2007 AEI installed five soil vapor probes (VB-18 through VB-22) at a depth of approximately 5 feet and 10 feet bgs, except where refusal was encountered (VB-19 and VB-20) where only 5 foot borings were installed. Based on the analyses of the eight additional soil gas samples, it was determined that PCE and related contaminants (TCE, c-1,2 DCE, t-1,2 DCE, and VC) have not spread in northwest of the release area beneath the existing building. This recent sample data along with that from October 2006, has defined the extent of impact to non-detectable concentrations to the east, north, and northwest of the former Young's Cleaners.

Please refer to Figure 2 for locations of the remaining wells and refer to the referenced reports for details of historical sampling and soil treatment activities.

Summary of Activities

On October 17, 2007, AEI gauged the groundwater levels in eleven of the thirteen active groundwater monitoring wells at the site. Groundwater samples were collected from eleven of the wells (AMW-1, AMW-4, AMW-5, AMW-6, AMW-8, AMW-9, MW-6, FHS MW-10, FHS MW-11, MW-7, and WGR MW-4) in accordance with the approved sampling schedule. Wells were first opened and water levels allowed to equilibrate with atmospheric pressure. The depth to water from the top of the well casings was measured prior to sampling with an electric water level indicator. The wells were then purged of at least three well volumes using a battery powered submersible pump. Field data sheets are included in Appendix A.

Temperature, pH, specific conductivity, dissolved oxygen, and oxidation-reduction potential (ORP) were measured and the turbidity was visually noted during the purging of the wells. Once the above parameters had stabilized, and the wells were allowed to recharge to a minimum of 90% of their original water volume, a water sample was collected. Groundwater samples were collected from each well using clean, disposable plastic bailers.

Groundwater samples were collected from each well to be sampled into three 40 ml volatile organic analysis (VOA) vials. The samples were capped so that neither head space nor air bubbles were visible within the sample containers. Samples were labeled with unique identifiers, stored over water ice, and placed under chain of custody. The samples were transported to McCampbell Analytical, Inc. of Pittsburg, California (Department of Health Services Certification #1644).

Field Results

Generally, the wells at the site are categorized as being screened either in a shallow water bearing zone or a deeper water bearing zone. Shallow zone wells (AMW-1, AMW-4, AMW-5, AMW-6, WGR MW2, WGR MW3, and MW-7) are screened from approximately 15 to 35 feet below ground surface (bgs), and deeper wells (AMW-8, AMW-9, WGR MW4, MW-6, and FHS MW-10 and FHS MW-11) are generally in the 35 to 60 feet bgs range. Screen intervals, where known, are presented in Table 1.

Groundwater levels in the shallow aquifer ranged from 37.15 to 52.15 feet above mean sea level (amsl) in October 2007. Groundwater was determined to flow to the west at a hydraulic gradient of 0.062 feet per foot, both consistent with previous episodes. Groundwater levels in the deeper, apparently confined/semi-confined aquifer, ranged from 24.18 to 46.21 feet above msl in October 2007. Groundwater flow in the deep aquifer was toward the southwest at a hydraulic gradient of 0.037 feet per foot, consistent with previous findings.

Groundwater measurement data are summarized in Table 1. The groundwater elevation contours are shown in Figures 3 and 4. Refer to Appendix A for Groundwater Monitoring Well Field Sampling Forms.

Groundwater Quality

The highest concentrations of PCE, trichloroethylene (TCE), and cis-1,2 dichloroethylene (cis-1,2 DCE) were again detected in the groundwater sample taken from shallow well AMW-6 (140 µg/L, 27 µg/L, and 48 µg/L respectively). The concentrations of VOCs in this well are significantly lower than historical concentrations, however, slightly higher than the first semester 2007 concentrations. The highest concentration of PCE in the deeper zone was found in well MW-6 at 310 µg/L.

A summary of groundwater quality data, including historical results, is presented in Table 2. Laboratory results and chain of custody documents are included in Appendix B. Refer to Figure 5 for a summary of VOC concentrations in the wells sampled during this event.

Summary

In general, chlorinated VOC concentrations beneath the site appear relatively stable with the exception of a noticeable increase in trans 1,2 DCE in AMW-6 (8.4 $\mu\text{g/L}$) and PCE in AMW-9 (130 $\mu\text{g/L}$). A feasibility study/corrective action plan was submitted on November 20, 2007 detailing proposed plans for site mitigation in the former source area. AEI is currently waiting for a response from the ACHCSA at which time it is anticipated that site mitigation activities will commence. The monitoring well network will continue to be sampled by AEI in accordance with the approved sampling schedule, with the next sampling event scheduled during April 2008.

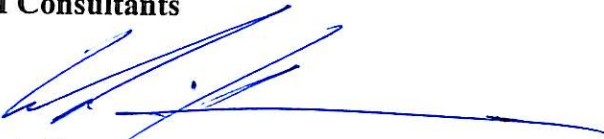
Report Limitations and Signatures

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

These services were performed in accordance with generally accepted practices, in the environmental engineering and construction field, which existed at the time and location of the work.


If you have any questions regarding our investigation, please do not hesitate to contact either of the undersigned at (925) 944-2899.

Sincerely,
AEI Consultants


Calvin Hee
Staff Engineer


Peter McIntyre, PG, REA
Senior Project Manager




Jeremy Smith
Project Manager

Figures

Figure 1	Site Location Map
Figure 2	Extended Site Map
Figure 3	Groundwater Elevation Map - Shallow Wells
Figure 4	Groundwater Elevation Map – Deep Wells
Figure 5	Groundwater Analytical Data

Tables

Table 1	Groundwater Level Data
Table 2	Groundwater Sample Analytical Data

Appendices

Appendix A	Groundwater Monitoring Well Field Sampling Forms
Appendix B	Laboratory Analyses With Chain of Custody Documentation

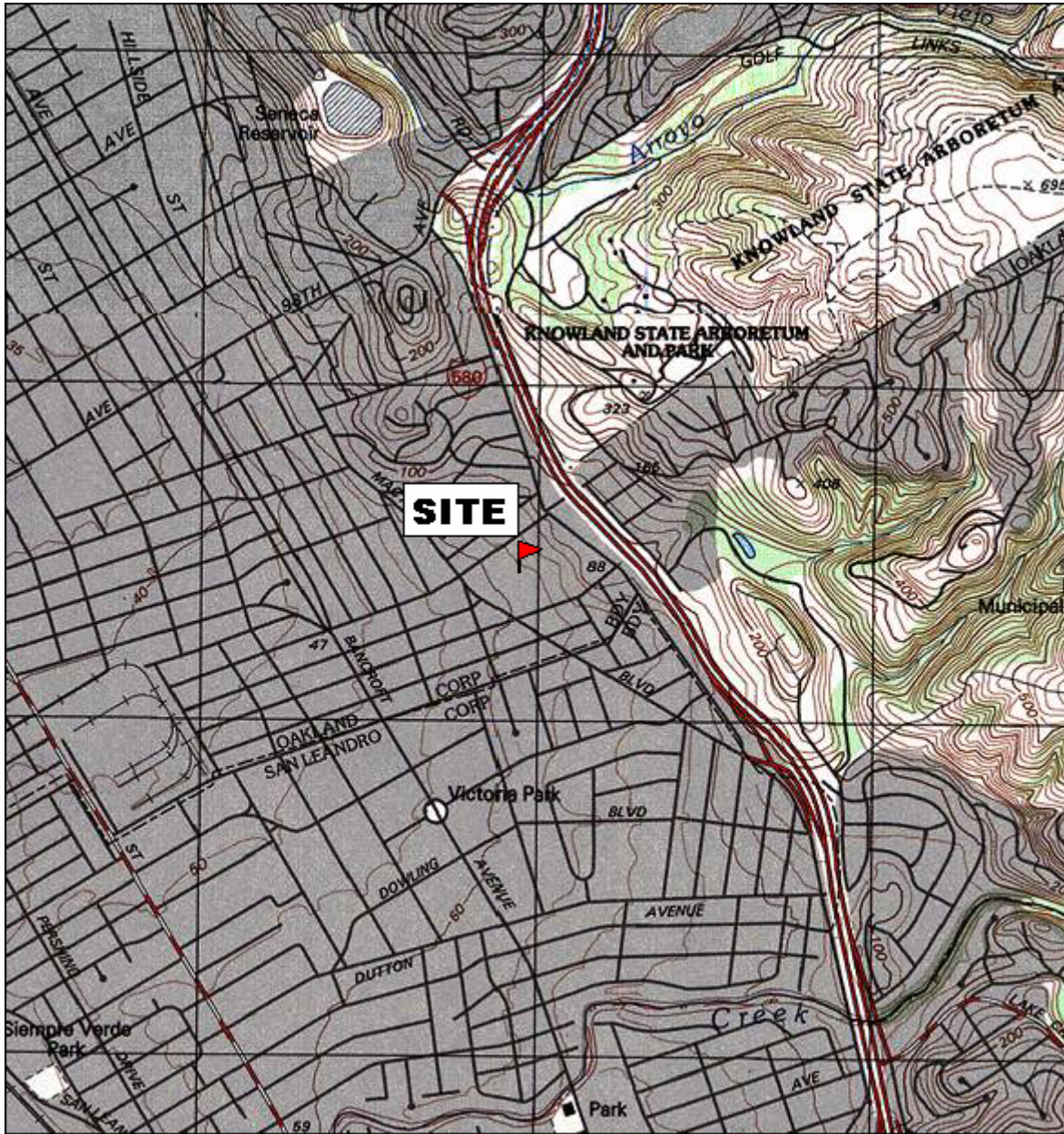
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1. Augeas Corporation. *Report of Subsurface Investigation, Young's Cleaners*, 10700 MacArthur Boulevard, Oakland, California, December 1995.
2. All Environmental, Inc. *Soil Remediation and Excavation Project Summary*, February 7, 1996.
3. PES Environmental, Inc. *Groundwater Monitoring Well Installation*, Foothill Square Shopping Center, 10700 MacArthur Boulevard, Oakland, California, February 3, 1997.
4. PES Environmental, Inc. *Results of Additional Groundwater Investigation and Risk Evaluation*, Former Young's Cleaners, Foothill Square Shopping Center, 10700 MacArthur Boulevard, Oakland, California, March 24, 1997.
5. PES Environmental, Inc. *Quarterly Monitoring and Well Installation Report*, Former Young's Cleaners, Foothill Square Shopping Center, 10700 MacArthur Boulevard, Oakland, California, January 22, 1998.
6. AEI Consultants *Groundwater Monitoring Report*, 10700 MacArthur Boulevard, Oakland, California, November 26, 2002
7. AEI Consultants, *Additional Site Investigation Report*, 10700 MacArthur Boulevard, Oakland, California, November 30, 2006
8. AEI Consultants, *Supplemental Soil Vapor Investigation Report*, 10700 MacArthur Boulevard, Oakland, California, July 30, 2007
9. AEI Consultants, *Site Mitigation Plan*, 10700 MacArthur Boulevard, Oakland, California, November 20, 2007

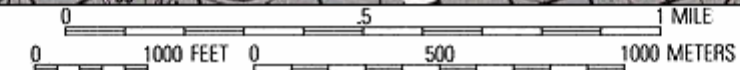
Distribution

Mr. Barney Chan, Alameda County Health Care Services Agency
Geotracker
Jay-Phares Corporation

FIGURES

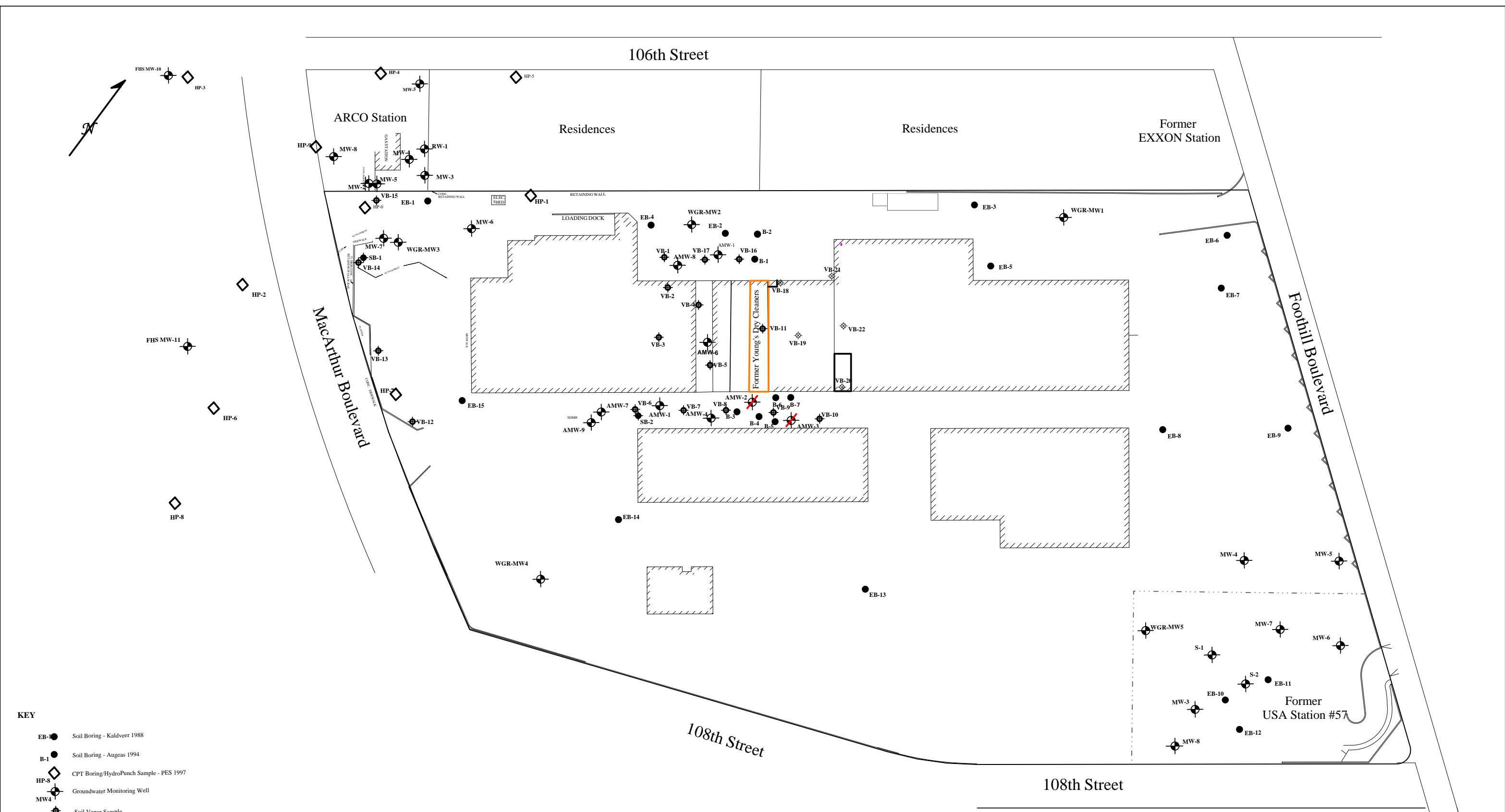


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AEI CONSULTANTS 2500 Camino Diablo, Suite 200, Walnut Creek, CA 94597	
SITE LOCATION MAP	
10700 MACARTHUR BLVD OAKLAND, CALIFORNIA	FIGURE 1 PROJECT No. 261829

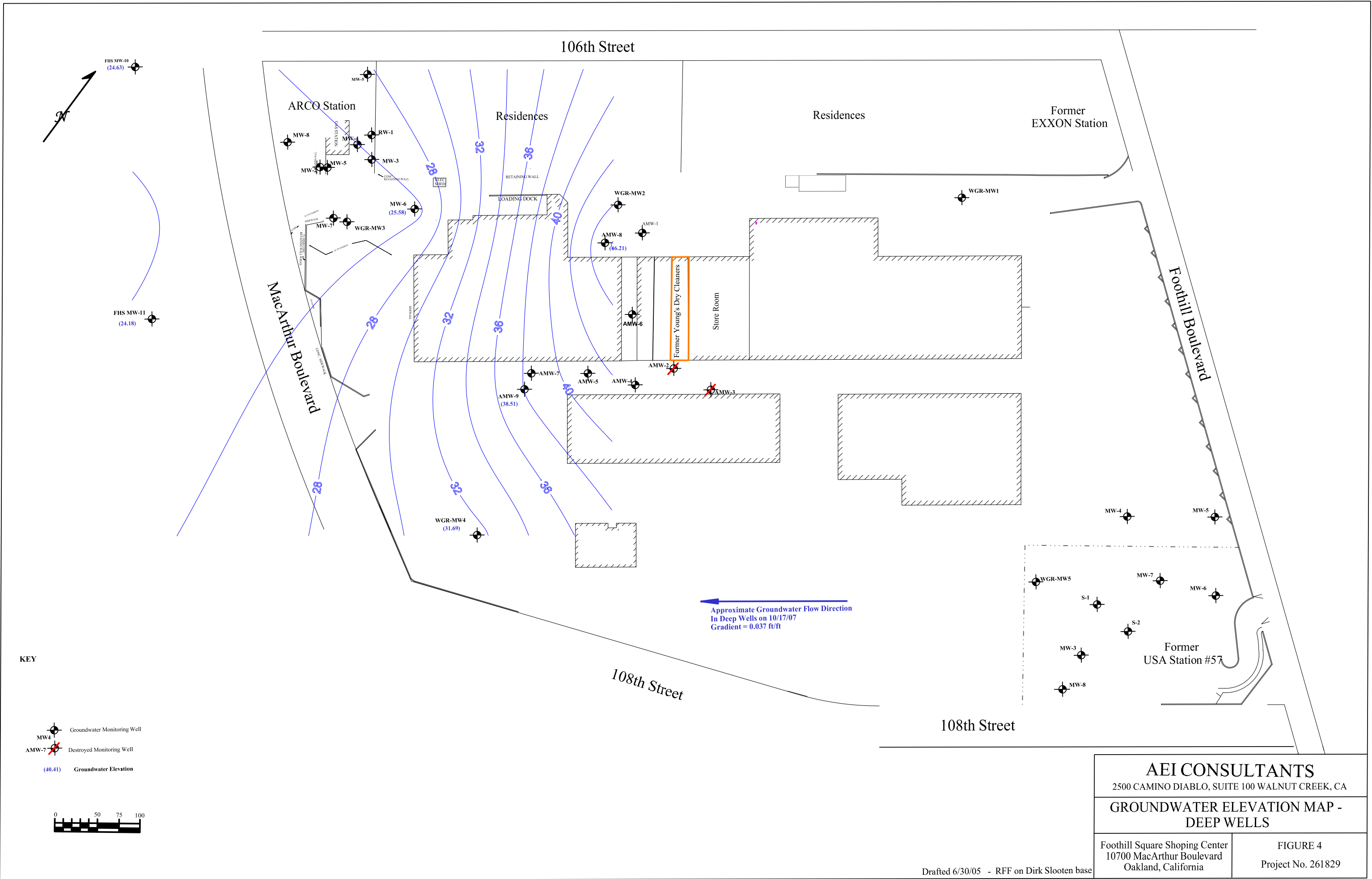


- KEY**
- EB-● Soil Boring - Kaldveer 1988
 - B-● Soil Boring - Augeas 1994
 - ◇ CPT Boring/HydroPunch Sample - PES 1997
 - HP-◇ Groundwater Monitoring Well
 - MW-◇ Soil Vapor Sample
 - ◆ Soil Boring - Oct 2006






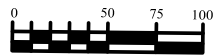
AEI CONSULTANTS 2500 CAMINO DIABLO, SUITE 100 WALNUT CREEK, CA	
EXTENDED SITE MAP	
Foothill Square Shopping Center 10700 MacArthur Boulevard Oakland, California	FIGURE 2 Project No. 261829

Drafted 6/30/05 - RFF on Dirk Slooten base



KEY

-  Groundwater Monitoring Well
-  Destroyed Monitoring Well
-  Groundwater Elevation

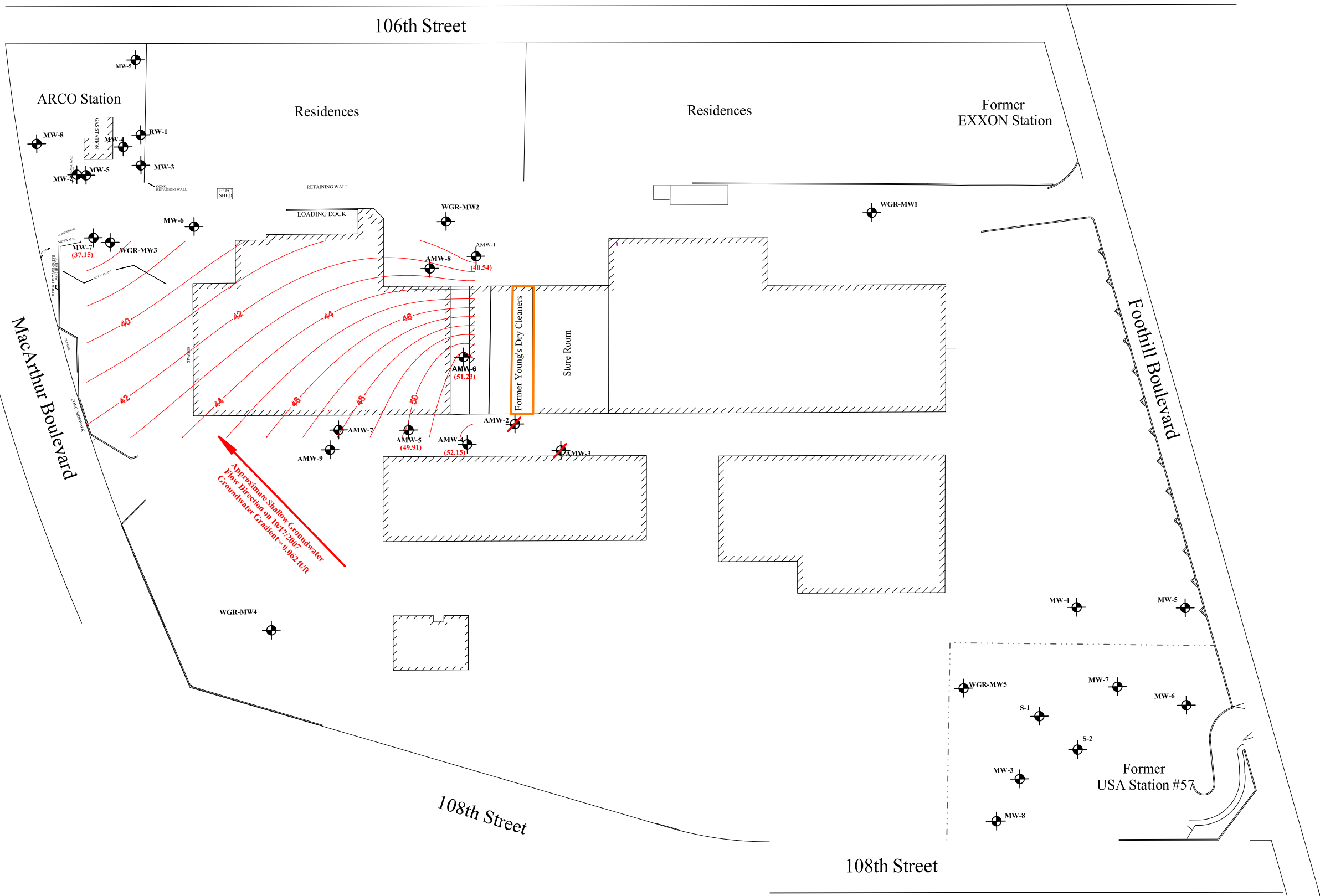


←
 Approximate Groundwater Flow Direction
 In Deep Wells on 10/17/07
 Gradient = 0.037 ft/ft

AEI CONSULTANTS
 2500 CAMINO DIABLO, SUITE 100 WALNUT CREEK, CA
**GROUNDWATER ELEVATION MAP -
 DEEP WELLS**

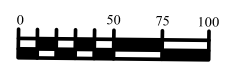
Foothill Square Shopping Center
 10700 MacArthur Boulevard
 Oakland, California

FIGURE 4
 Project No. 261829



KEY

- Groundwater Monitoring Well
- Destroyed Monitoring Well
- (50.82) Groundwater Elevation (feet)



AEI CONSULTANTS	
2500 CAMINO DIABLO, SUITE 100 WALNUT CREEK, CA	
GROUNDWATER ELEVATION MAP - SHALLOW WELLS	
Foothill Square Shopping Center 10700 MacArthur Boulevard Oakland, California	FIGURE 3 Project No. 261829

Drafted 6/30/05 - RFF on Dirk Slooten base

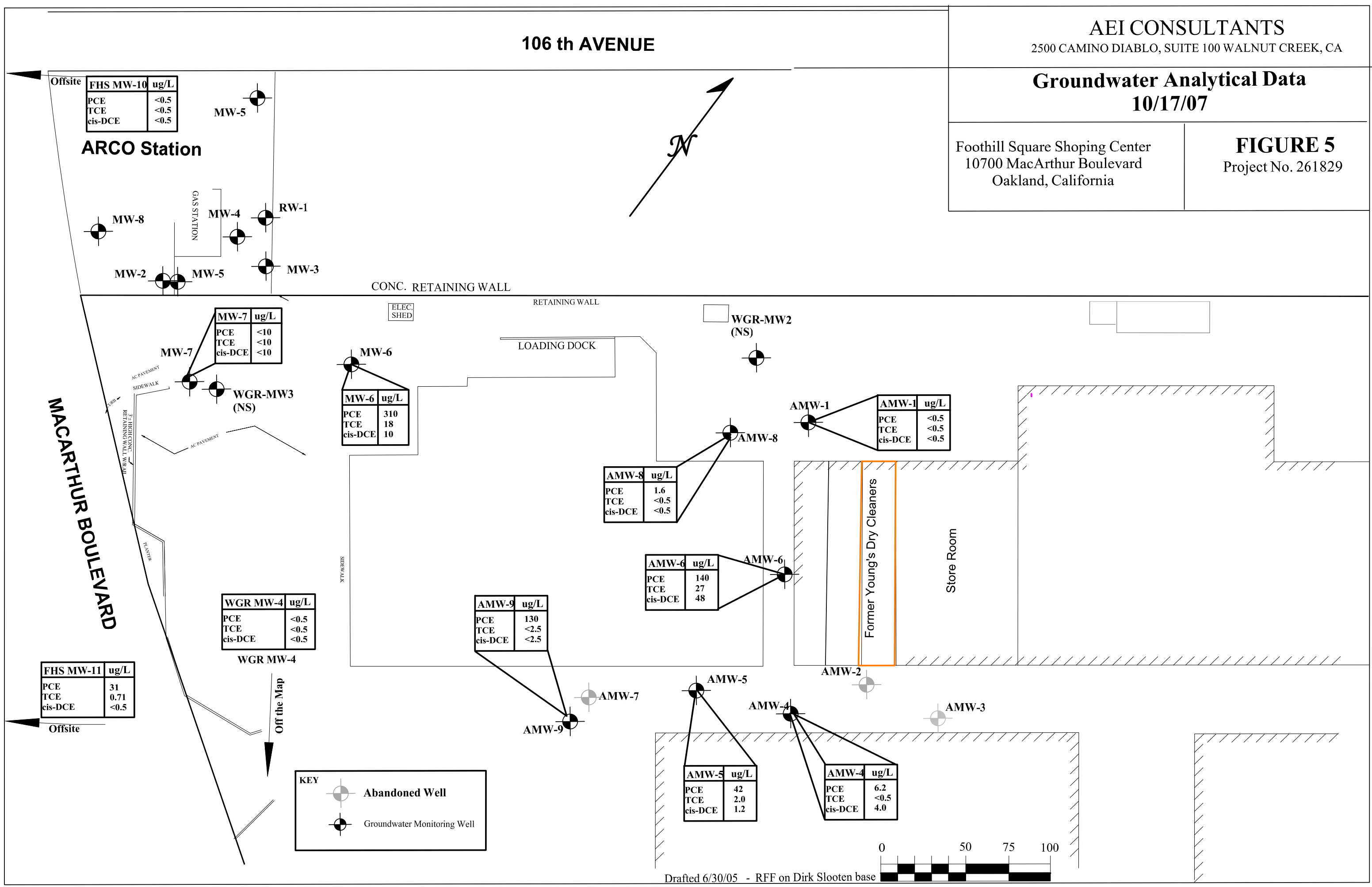
106 th AVENUE

AEI CONSULTANTS
2500 CAMINO DIABLO, SUITE 100 WALNUT CREEK, CA

Groundwater Analytical Data
10/17/07

Foothill Square Shopping Center
10700 MacArthur Boulevard
Oakland, California

FIGURE 5
Project No. 261829



Offsite

FHS MW-10	ug/L
PCE	<0.5
TCE	<0.5
cis-DCE	<0.5

ARCO Station

MW-7	ug/L
PCE	<10
TCE	<10
cis-DCE	<10

MW-6	ug/L
PCE	310
TCE	18
cis-DCE	10

AMW-8	ug/L
PCE	1.6
TCE	<0.5
cis-DCE	<0.5

AMW-6	ug/L
PCE	140
TCE	27
cis-DCE	48

AMW-9	ug/L
PCE	130
TCE	<2.5
cis-DCE	<2.5

AMW-5	ug/L
PCE	42
TCE	2.0
cis-DCE	1.2

AMW-4	ug/L
PCE	6.2
TCE	<0.5
cis-DCE	4.0

WGR MW-4	ug/L
PCE	<0.5
TCE	<0.5
cis-DCE	<0.5

AMW-1	ug/L
PCE	<0.5
TCE	<0.5
cis-DCE	<0.5

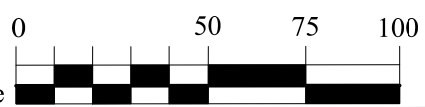
Offsite

FHS MW-11	ug/L
PCE	31
TCE	0.71
cis-DCE	<0.5

Offsite

KEY

- Abandoned Well
- Groundwater Monitoring Well



TABLES

Table 1
Groundwater Level Data
10700 MacArthur Blvd., Oakland, California

Well ID (Aquifer zone)	Date	Screen Interval (ft bgs)	Well Elevation (ft msl)	Depth to Water (ft)	Groundwater Elevation (ft msl)
AMW-1 (Shallow)	1/29/1999	24-34	64.51	23.01	41.50
	5/5/1999		64.51	21.25	43.26
	10/9/1999		64.51	24.14	40.37
	1/20/2000		64.51	24.66	39.85
	8/8/2000		64.51	23.30	41.21
	2/15/2001		64.51	23.22	41.29
	8/29/2001		64.51	24.38	40.13
	3/12/2002		64.51	21.29	43.22
	9/27/2002		64.51	23.62	40.89
	3/25/2003		64.51	22.45	42.06
	10/2/2003		64.51	24.31	40.20
	10/17/2006		64.51	22.91	41.60
	5/3/2007		64.51	18.61	45.90
	10/17/2007		64.51	23.97	40.54
	AMW-4 (Shallow)		1/29/1999	15-25	64.79
5/5/1999		64.79	10.14		54.65
10/9/1999		64.79	12.04		52.75
1/20/2000		64.79	13.50		51.29
8/8/2000		64.79	11.74		53.05
2/15/2001		64.79	12.32		52.47
8/29/2001		64.79	12.40		52.39
3/12/2002		64.79	10.13		54.66
9/27/2002		64.79	12.14		52.65
3/25/2003		64.79	11.03		53.76
10/2/2003		64.79	12.33		52.46
10/17/2006		64.79	12.76		52.03
5/3/2007		64.79	11.11		53.68
10/17/2007		64.79	12.64		52.15
AMW-5 (Shallow)		1/29/1999	20-30		64.97
	5/5/1999	64.97		12.83	52.14
	10/9/1999	64.97		14.25	50.72
	1/20/2000	64.97		14.91	50.06
	8/8/2000	64.97		14.14	50.83
	2/15/2001	64.97		14.32	50.65
	8/29/2001	64.97		14.72	50.25
	3/12/2002	64.97		13.12	51.85
	9/27/2002	64.97		14.62	50.35
	3/25/2003	64.97		13.45	51.52
	10/2/2003	64.97		14.74	50.23
	10/17/2006	64.97		14.15	50.82
	5/3/2007	64.97		13.92	51.05
	10/17/2007	64.97		15.06	49.91
	AMW-6 (Shallow)	1/29/1999		Unknown	65.10
5/5/1999		65.10	11.30		53.80
10/9/1999		65.10	13.29		51.81
1/20/2000		65.10	14.21		50.89
8/8/2000		65.10	12.95		52.15
2/15/2001		65.10	12.64		52.46
8/29/2001		65.10	13.65		51.45
3/12/2002		65.10	11.41		53.69
9/27/2002		65.10	13.25		51.85
3/25/2003		65.10	12.22		52.88
10/2/2003		65.10	14.74		50.36
10/17/2006		65.10	11.46		53.64
5/3/2007		65.10	13.04		52.06
10/17/2007		65.10	13.87		51.23
AMW-7 (Shallow)		1/29/1999	Unknown		64.24
	5/5/1999	Well Covered during construction			
AMW-8 (Deep)	1/29/1999	Unknown	64.55	16.86	47.69
	5/5/1999		64.55	14.46	50.09
	10/9/1999		64.55	17.10	47.45
	1/20/2000		64.55	18.51	46.04
	8/8/2000		64.55	16.71	47.84
	2/15/2001		64.55	17.31	47.24
	8/29/2001		64.55	18.30	46.25
	3/12/2002		64.55	16.03	48.52
	9/27/2002		64.55	18.03	46.52
	3/25/2003		64.55	17.31	47.24
	10/2/2003		64.55	21.54	43.01
	10/17/2006		64.55	16.05	48.5
	5/3/2007		64.55	23.01	41.54
10/17/2007	64.55	18.34	46.21		

Table 1: Continued

Well ID (Aquifer zone)	Date	Screen Interval (ft bgs)	Well Elevation (ft msl)	Depth to Water (ft)	Groundwater Elevation (ft msl)		
AMW-9 (Deep)	1/29/1999	Unknown	63.48	23.22	40.26		
	5/5/1999		63.48	21.40	42.08		
	10/9/1999		63.48	23.74	39.74		
	1/20/2000		63.48	24.92	38.56		
	8/8/2000		63.48	23.01	40.47		
	2/15/2001		63.48	21.20	42.28		
	8/29/2001		63.48	22.59	40.89		
	3/12/2002		63.48	21.94	41.54		
	9/27/2002		63.48	24.16	39.32		
	3/25/2003		63.48	23.00	40.48		
	10/2/2003		63.48	23.80	39.68		
	10/17/2006		63.48	23.07	40.41		
	5/3/2007		63.48	23.17	40.31		
	10/17/2007		63.48	24.97	38.51		
	WGR MW-2 (Shallow)		1/29/1999	23-28	63.18	23.41	39.77
5/5/1999		63.18	21.41		41.77		
10/9/1999		63.18	24.62		38.56		
1/20/2000		63.18	25.24		37.94		
8/8/2000		63.18	23.41		39.77		
8/29/2001		63.18	25.09		38.09		
3/12/2002		63.18	21.86		41.32		
9/27/2002		63.18	24.69		38.49		
3/25/2003		63.18	23.71		39.47		
10/2/2003		63.18	25.13		38.05		
10/17/2006		63.18	23.91		39.27		
5/3/2007		63.18	24.11		39.07		
10/17/2007		63.18	NA		NA		
WGR MW-3 (Shallow)		1/29/1999	22-27		58.34	15.81	42.53
		5/5/1999			58.34	18.43	39.91
	10/9/1999	58.34		21.38	36.96		
	1/20/2000	58.34		19.76	38.58		
	8/8/2000	58.34		20.88	37.46		
	8/29/2001	58.34		21.22	37.12		
	3/12/2002	58.34		14.80	43.54		
	9/27/2002	58.34		22.32	36.02		
	3/25/2003	58.34		18.07	40.27		
	10/2/2003	58.34		22.22	36.12		
	10/17/2006	58.34		21.85	36.49		
	5/3/2007	58.34		18.37	39.97		
	10/17/2007	58.34		NA	NA		
	WGR MW-4 (Deep)	1/29/1999		23-45	60.02	26.23	33.79
		5/5/1999			60.02	23.80	36.22
10/9/1999		60.02	27.73		32.29		
1/20/2000		60.02	27.97		32.05		
8/8/2000		60.02	26.00		34.02		
2/15/2001		60.02	26.55		33.47		
8/29/2001		60.02	27.14		32.88		
3/12/2002		60.02	24.90		35.12		
9/27/2002		60.02	27.09		32.93		
3/25/2003		60.02	25.75		34.27		
10/2/2003		60.02	27.41		32.61		
10/17/2006		60.02	26.31		33.71		
5/3/2007		60.02	26.13		33.89		
10/17/2007		60.02	28.33		31.69		
FHS MW-10 (Deep)		1/29/1999	42-52		52.34	23.91	28.43
	5/5/1999	52.34		20.55	31.79		
	10/9/1999	52.34		25.00	27.34		
	1/20/2000	52.34		27.23	25.11		
	8/8/2000	52.34		24.06	28.28		
	2/15/2001	52.34		24.16	28.18		
	8/29/2001	52.34		26.11	26.23		
	3/12/2002	52.34		23.94	28.40		
	9/27/2003	52.34		25.86	26.48		
	3/25/2003	52.34		23.20	29.14		
	10/6/2003	52.34		26.39	25.95		
	10/17/2006	52.34		24.35	27.99		
	5/3/2007	52.34		23.97	28.37		
	10/17/2007	52.34		27.71	24.63		

Table 1: Continued

Well ID (Aquifer zone)	Date	Screen Interval (ft bgs)	Well Elevation (ft msl)	Depth to Water (ft)	Groundwater Elevation (ft msl)
FHS MW-11 (Deep)	1/29/1999	59-64	54.06	26.38	27.68
	5/5/1999		54.06	22.72	31.34
	10/9/1999		54.06	27.42	26.64
	1/20/2000		54.06	29.31	24.75
	8/8/2000		54.06	26.11	27.95
	2/15/2001		54.06	26.43	27.63
	8/29/2001		54.06	28.28	25.78
	3/12/2002		54.06	21.61	32.45
	9/27/2002		54.06	27.93	26.13
	3/25/2003		54.06	45.21	8.85
	10/2/2003			Well Inaccessible	
	10/17/2006		54.06	26.54	27.52
	5/3/2007		54.06	26.25	27.81
	10/17/2007		54.06	29.88	24.18
	MW-6 (Deep)		1/29/1999	37.5-56	61.78
5/5/1999		61.78	29.41		32.37
9/10/1999		61.78	33.98		27.80
1/20/2000		61.78	36.02		25.76
8/8/2000		61.78	32.73		29.05
2/15/2001		61.78	33.34		28.44
8/29/2001		61.78	34.98		26.80
3/12/2002		61.78	30.72		31.06
9/27/2002		61.78	34.50		27.28
3/25/2003		61.78	32.08		29.70
10/2/2003		61.78	34.86		26.92
10/17/2006		61.78	32.58		29.20
5/3/2007		61.78	32.54		29.24
10/17/2007		61.78	36.20		25.58
MW-7 (Shallow)		1/20/2000	17.5-37.5		58.64
	8/8/2000	58.64		20.50	38.14
	2/15/2001	58.64		16.95	41.69
	8/29/2001	58.64		21.61	37.03
	3/12/2002	58.64		17.03	41.61
	9/27/2002	58.64		22.73	35.91
	3/25/2003	58.64		19.09	39.55
	10/2/2003	58.64		22.46	36.18
	10/17/2006	58.64		22.19	36.45
	5/3/2007	58.64		19.52	39.12
	10/17/2007	58.64		21.49	37.15

Notes: All well elevations are measured from the top of casing not from the ground surface.
ft msl = feet above mean sea level

Table 2
Groundwater Sample Analytical Data
10700 MacArthur Blvd., Oakland, California

Well (aquifer zone)	Date	Consultant	cis 1,2 DCE µg/L	trans 1,2 DCE µg/L	PCE µg/L	TCE µg/L	VHCs* µg/L
AMW-1 (shallow - 29)	3/23/95	Augeus	-	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	6/21/95	Augeus	-	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	9/11/95	Augeus	-	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	4/16/96	PES	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	7/17/96	PES	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	10/23/96	PES	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	9/29/97	PES	NS	NS	NS	NS	NS
	1/20/00	AEI	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	8/8/00	AEI	NS	NS	NS	NS	NS
	2/15/01	AEI	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	8/29/01	AEI	NS	NS	NS	NS	NS
	3/12/02	AEI	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	9/27/02	AEI	NS	NS	NS	NS	NS
	3/25/03	AEI	ND<0.5	ND<0.5	1.8	ND<0.5	ND<0.5
	10/2/03	AEI	NS	NS	NS	NS	NS
	10/17/06	AEI	ND<0.5	ND<0.5	2.2	ND<0.5	ND<RL
	5/2/07	AEI	ND<0.5	ND<0.5	ND<0.5	0.69	ND<RL
10/17/07	AEI	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<RL	
AMW-4 (shallow - 25)	5/15/95	Augeus	NR	ND<50	2400	ND<50	NR
	6/21/95	Augeus	NR	ND<50	2500	ND<50	NR
	9/13/95	Augeus	NR	ND<25	1100	ND<25	NR
	4/16/96	PES	ND<10	ND<10	1200	10	NR
	7/17/96	PES	ND<10	ND<10	860	ND<10	NR
	10/23/96	PES	ND<0.5	ND<0.5	22	0.5	NR
	9/29/97	PES	ND<3	ND<3	340	3	NR
	1/29/99	AEI	ND<3	ND<3	100	ND<3	ND<3
	5/5/99	AEI	ND<5	ND<5	210	ND<5	ND<5
	9/10/99	AEI	10	ND<5	240	18	ND<5
	1/20/00	AEI	46	ND<2.5	97	6.2	ND<2.5
	8/8/00	AEI	ND<5	ND<5	440	8	ND<5
	2/15/01	AEI	ND<2.5	ND<2.5	81	2.6	ND<2.5
	8/29/01	AEI	ND<2.5	ND<2.5	230	4.6	ND<2.5
	3/12/02	AEI	ND<5.0	ND<5.0	190	ND<5.0	ND<5.0
	9/27/02	AEI	ND<5.0	ND<5.0	220	ND<5.0	10***
	3/25/03	AEI	1.2	ND<1.0	22	1.9	ND<1.0
10/2/03	AEI	2.8	ND<0.5	50	2.8	ND<0.5	
10/17/06	AEI	9.9	ND<0.5	6.5	ND<0.5	ND<RL	
5/3/07	AEI	2.7	ND<0.5	5.1	1.2	ND<RL**	
10/17/07	AEI	4.0	ND<0.5	6.2	ND<0.5	ND<RL	
AMW-5 (shallow - 30)	5/15/95	Augeus	NR	ND<0.5	1.2	ND<0.5	NR
	6/21/95	Augeus	NR	ND<0.5	ND<0.5	ND<0.5	NR
	9/13/95	Augeus	NR	ND<0.5	ND<0.5	ND<0.5	NR
	4/16/96	PES	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NR
	7/17/96	PES	ND<0.5	ND<0.5	0.6	ND<0.5	NR
	10/23/96	PES	ND<0.5	ND<0.5	0.8	ND<0.5	NR
	9/29/97	PES	ND<0.5	ND<0.5	13	ND<0.5	NR
	1/29/99	AEI	NA	NA	NA	NA	NA
	5/5/99	AEI	ND<1	ND<1	36	ND<1	ND<1
	9/10/99	AEI	ND<1	ND<1	35	ND<1	ND<1
	1/20/00	AEI	ND<1	ND<1	36	ND<1	ND<1
	8/8/00	AEI	ND<0.5	ND<0.5	50	0.72	ND<0.5
	2/15/01	AEI	ND<0.5	ND<0.5	26	0.76	ND<0.5
	8/29/01	AEI	ND<0.5	ND<0.5	28	0.87	ND<0.5
	3/12/02	AEI	ND<0.5	ND<0.5	25	0.75	ND<0.5
	9/27/02	AEI	ND<0.5	ND<0.5	17	ND<0.5	ND<0.5
	3/25/03	AEI	ND<1.0	ND<1.0	23	ND<1.0	ND<1.0
10/2/03	AEI	ND<0.5	ND<0.5	20	0.58	ND<0.5	
10/17/06	AEI	0.68	ND<0.5	22	0.88	ND<RL	
5/3/07	AEI	0.91	ND<0.5	42	2.0	ND<RL	
10/17/07	AEI	1.2	ND<0.5	42	2.0	ND<RL	

Well (aquifer zone)	Date	Consultant	cis 1,2 DCE µg/L	trans 1,2 DCE µg/L	PCE µg/L	TCE µg/L	VHCs* µg/L
AMW-6 (shallow - 25)	9/13/95	Augeus	NR	ND<25	930	ND<25	NR
	4/16/96	PES	20	ND<10	1900	110	NR
	7/17/96	PES	ND<30	ND<30	3300	280	NR
	10/23/96	PES	ND<30	ND<30	2900	140	NR
	9/29/97	PES	220	70	4600	580	NR
	1/29/99	AEI	270	77	2400	390	ND<63
	5/5/99	AEI	370	110	2700	470	ND<71
	9/10/99	AEI	190	49	1400	250	ND<36
	1/20/00	AEI	210	ND<35	1600	270	ND<35
	8/8/00	AEI	150	56	1100	180	ND<25
	2/15/01	AEI	190	40	930	200	ND<25
	8/29/01	AEI	77	17	780	110	ND<10
	3/12/02	AEI	150	37	1300	170	ND<25
	9/27/02	AEI	67	ND<17	490	91	ND<17
	3/25/2003	AEI	94	ND<33	740	110	ND<33
	10/2/2003	AEI	66	13	440	60	ND<10
	10/17/2006	AEI	32	4.9	98	14	ND<RL
5/3/2007	AEI	32	ND<5.0	120	22	ND<RL	
10/17/2007	AEI	48	8.4	140	27	ND<RL²	
AMW-7 (shallow)	9/13/95	Augeus	NR	ND<25	2350	340	NR
	4/16/96	PES	2200	60	2300	500	NR
	7/17/96	PES	2100	ND<30	2400	530	NR
	10/23/96	PES	3100	50	3400	610	NR
	9/29/97	PES	33	20	520	100	NR
	1/29/99	AEI	22	ND<3	95	12	ND<3
	5/5/99	AEI		Well Covered During Construction			
AMW-8 (deep - 45)	9/13/95	Augeus	-	ND<25	95	ND<25	ND<25
	4/16/96	PES	ND<0.5	ND<0.5	0.8	ND<0.5	ND<0.5
	7/17/96	PES	ND<0.5	ND<0.5	1.6	ND<0.5	ND<0.5
	10/23/96	PES	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	9/29/97	PES	ND<0.5	ND<0.5	0.7	ND<0.5	ND<0.5
	1/20/00	AEI	ND<0.5	ND<0.5	0.73	ND<0.5	ND<0.5
	8/8/00	AEI	NS	NS	NS	NS	NS
	2/15/01	AEI	ND<0.5	ND<0.5	1.7	ND<0.5	ND<0.5
	8/29/01	AEI	NS	NS	NS	NS	NS
	3/12/02	AEI	ND<0.5	ND<0.5	7.5	ND<0.5	ND<0.5
	9/27/02	AEI	NS	NS	NS	NS	NS
	3/25/03	AEI	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	10/2/03	AEI	NS	NS	NS	NS	NS
	10/17/06	AEI	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<RL
5/3/07	AEI	NS	NS	NS	NS	NS	
10/17/07	AEI	ND<0.5	ND<0.5	1.6	ND<0.5	ND<RL	
AMW-9 (deep - 54)	9/13/95	Augeus	NR	ND<25	170	ND<25	NR
	4/16/96	PES	7	ND<3	170	4	NR
	7/17/96	PES	ND<3	ND<3	190	4	NR
	10/23/96	PES	ND<3	ND<3	190	ND<3	NR
	9/29/97	PES	ND<3	ND<3	110	ND<3	NR
	1/29/99	AEI	ND<4	ND<4	90	ND<4	ND<4
	5/5/99	AEI	ND<2.5	ND<2.5	94	ND<2.5	ND<2.5
	9/10/99	AEI	ND<2.1	ND<2.1	99	ND<2.1	ND<2.1
	1/20/00	AEI	ND<0.5	ND<0.5	100	ND<0.5	ND<0.5
	8/8/00	AEI	ND<2.5	ND<2.5	130	ND<2.5	ND<2.5
	2/15/01	AEI	ND<1.0	ND<1.0	69	ND<1.0	ND<1.0
	8/29/01	AEI	ND<2.5	ND<2.5	98	ND<2.5	ND<2.5
	3/12/02	AEI	ND<2.5	ND<2.5	100	ND<2.5	ND<2.5
	9/27/02	AEI	ND<5.0	ND<5.0	80	ND<5.0	ND<5.0
	3/25/03	AEI	4.1	ND<2.5	48	ND<2.5	ND<2.5
	10/2/03	AEI	4.8	<0.5	36	1.1	ND<0.5
10/17/06	AEI	ND<1.7	ND<1.7	73	ND<1.7	ND<RL	
5/3/07	AEI	ND<2.5	ND<2.5	86	ND<2.5	ND<RL	
10/17/07	AEI	ND<2.5	ND<2.5	130	ND<2.5	ND<RL	

Well (aquifer zone)	Date	Consultant	cis 1,2 DCE µg/L	trans 1,2 DCE µg/L	PCE µg/L	TCE µg/L	VHCs* µg/L	
FHS MW-10 (deep - 52)	10/9/97	PES	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NR	
	1/29/99	AEI	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
	5/5/99	AEI	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
	9/10/99	AEI	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
	1/20/00	AEI	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
	8/8/00	AEI	NS	NS	NS	NS	NS	
	2/15/01	AEI	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
	8/29/01	AEI	NS	NS	NS	NS	NS	
	3/12/02	AEI	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
	9/27/02	AEI	NS	NS	NS	NS	NS	
	3/25/03	AEI	1.7	ND<1.0	18	2.5	5.0**	
	10/6/03	AEI	ND<0.5	ND<0.5	1.4	ND<0.5	1.0**	
	10/17/06	AEI	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<RL	
	5/3/2007 ¹	AEI	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<RL	
	10/17/07	AEI	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<RL	
	FHS MW-11 (deep 64.5)	9/29/97	PES	ND<0.5	ND<0.5	4	ND<0.5	NR
		1/29/99	AEI	ND<0.5	ND<0.5	7	ND<0.5	ND<0.5
5/5/99		AEI	ND<0.5	ND<0.5	7.1	ND<0.5	ND<0.5	
9/10/99		AEI	ND<0.5	ND<0.5	7.5	ND<0.5	ND<0.5	
1/20/00		AEI	ND<0.5	ND<0.5	7.5	ND<0.5	ND<0.5	
8/8/00		AEI	ND<0.5	ND<0.5	38	ND<0.5	ND<0.5	
2/15/01		AEI	ND<0.5	ND<0.5	18	ND<0.5	ND<0.5	
8/29/01		AEI	ND<0.5	ND<0.5	16	ND<0.5	ND<0.5	
3/12/02		AEI	ND<0.5	ND<0.5	13	ND<0.5	0.77**	
9/27/02		AEI	ND<1	ND<1	13	ND<1	6.4** 1.1***	
3/25/03		AEI	0.78	ND<0.5	12	0.88	4.0** 1.0****	
10/2/03				Well Inaccessible				
10/17/06		AEI	ND<0.5	ND<0.5	20	ND<0.5	ND<RL	
5/3/2007 ¹		AEI	ND<0.5	ND<0.5	25	1.1	ND<RL	
10/17/07		AEI	ND<0.5	ND<0.5	31	0.71	ND<RL	
MW-6 (deep 48.69)	3/11/95	EMCON	ND<20	ND<0.5	1300	ND<20	NR	
	6/5/95	EMCON	ND<20	ND<20	2000	ND<20	NR	
	8/29/95	EMCON	ND<20	ND<20	1300	ND<20	NR	
	9/11/95	Augeus	NR	ND<50	2000	ND<50	NR	
	11/16/95	EMCON	ND<20	ND<20	1300	ND<20	NR	
	2/28/96	EMCON	ND<20	ND<20	960	ND<20	NR	
	4/16/96	PES	10	10	1400	10	NR	
	5/28/96	EMCON	ND<20	ND<20	970	ND<20	NR	
	7/17/96	PES	ND<5	ND<5	590	ND<5	NR	
	8/19/96	EMCON	ND<20	ND<20	820	ND<20	NR	
	10/23/96	PES	ND<5	ND<5	680	ND<5	NR	
	11/21/96	EMCON	ND<20	ND<20	680	ND<20	NR	
	3/26/97	EMCON	ND<40	ND<40	830	ND<40	NR	
	5/20/97	EMCON	ND<5	ND<5	270	ND<5	NR	
	9/29/97	PES	ND<10	ND<10	670	ND<10	NR	
	1/29/99	AEI	1.4	ND<1.3	49	3	ND<1.3	
	5/5/99	AEI	19	ND<11	530	38	ND<11	
	9/10/99	AEI	27	ND<12	560	53	ND<12	
	1/20/00	AEI	18	ND<8.5	660	31	ND<8.5	
	8/8/00	AEI	98	16	1700	170	ND<5	
	2/15/01	AEI	64	ND<10	650	87	ND<10	
	8/29/01	AEI	19	ND<5.0	550	38	ND<5.0	
	3/12/02	AEI	61	ND<20	1200	99	ND<20	
	9/27/02	AEI	ND<12	ND<12	300	27	ND<12	
	3/25/03	AEI	2.6	ND<2.5	49	3.8	ND<2.5	
	10/2/03	AEI	13	ND<5.0	340	21	ND<5.0	
	10/17/06	AEI	16	ND<5.0	320	18	ND<RL	
5/3/07	AEI	0.92	ND<0.5	39	2.1	ND<RL		
10/17/07	AEI	10	ND<5.0	310	18	ND<RL		

Well (aquifer zone)	Date	Consultant	cis 1,2 DCE µg/L	trans 1,2 DCE µg/L	PCE µg/L	TCE µg/L	VHCs* µg/L
MW-7 (shallow - 38)	3/11/95	EMCON	NS	NS	NS	NS	NS
	6/5/95	EMCON	ND<10	ND<10	ND<10	ND<10	ND<10
	8/29/95	EMCON	ND<10	ND<10	ND<10	ND<10	ND<10
	9/11/95	Augeus	85	ND<50	-	ND<50	ND<50
	11/16/95	EMCON	ND<20	ND<20	ND<20	ND<20	ND<20
	2/28/96	EMCON	ND<10	ND<10	ND<10	ND<10	ND<10
	4/16/96	PES	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	5/28/96	EMCON	ND<10	ND<10	ND<10	ND<10	ND<10
	7/17/96	PES	0.6	ND<0.5	ND<0.5	0.6	ND<0.5
	8/19/96	EMCON	ND<1	ND<1	ND<1	ND<1	ND<1
	10/23/96	PES	0.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	11/21/96	EMCON	ND<10	ND<10	ND<10	ND<10	ND<10
	3/26/97	EMCON	ND<20	ND<20	ND<20	ND<20	ND<20
	5/20/97	EMCON	ND<10	ND<10	ND<10	ND<10	ND<10
	9/29/97	PES	ND<10	ND<10	ND<10	ND<10	ND<10
	1/20/00	AEI	ND<6.5	ND<6.5	ND<6.5	ND<6.5	ND<6.5
	8/8/00	AEI	NS	NS	NS	NS	NS
	2/15/01	AEI	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	8/29/01	AEI	NS	NS	NS	NS	NS
	3/12/02	AEI	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	9/27/02	AEI	NS	NS	NS	NS	NS
	3/25/03	AEI	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	10/2/03	AEI	NS	NS	NS	NS	NS
10/17/06	AEI	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<RL****	
5/3/07	AEI	NS	NS	NS	NS	NS	
10/17/07	AEI	ND<10	ND<10	ND<10	ND<10	ND<RL	
WGR MW-2 (Shallow)	10/17/06	AEI	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<RL
	5/3/07	AEI	NS	NS	NS	NS	NS
	10/17/07	AEI	NS	NS	NS	NS	NS
WGR MW-3 (Shallow)	10/17/06	AEI	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<RL
	5/3/07	AEI	NS	NS	NS	NS	NS
	10/17/07	AEI	NS	NS	NS	NS	NS
WGR MW-4 (deep)	4/16/96	PES	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	7/17/96	PES	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	10/23/96	PES	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	9/29/97	PES	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	2/15/01	AEI	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	8/29/01	AEI	NS	NS	NS	NS	NS
	3/12/02	AEI	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	9/27/02	AEI	NS	NS	NS	NS	NS
	3/25/03	AEI	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	10/2/03	AEI	NS	NS	NS	NS	NS
	10/17/06	AEI	ND<0.5	ND<0.5	0.62	ND<0.5	ND<RL
	5/3/07	AEI	NS	NS	NS	NS	NS
	10/17/07	AEI	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<RL

Table 2 Notes:

Please refer to the Laboratory Analytical Data for further detailed lab information including Reporting Limits and Dilution Factors

*VHCs = All other chemicals by EPA method 601/8010 or 8260

** Chloroform (trichloromethane)

*** Dibromochloromethane

**** Methylene Chloride

***** bromodichloromethane

cis 1,2-Dichloroethene (cis 1,2 DCE)

trans 1,2-Dichloroethene (trans 1,2 DCE)

¹ = Reported by laboratory without letters FHS as prefix

² = Vinyl Chloride detected at a concentration of 1.9 ug/L

* Available data from AMW-7 is presented although this well was covered during 1999 construction activities

RL = Reporting Limit

NS = Well not sampled

NR = Not Reported

µg/L = micrograms per liter (parts per billion)

Tetrachloroethene (PCE)

Trichloroethene (TCE)

APPENDICIES

AEI CONSULTANTS
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: AMW-1

Project Name:	Foothill Square	Date of Sampling:	10/17/2007
Job Number:	261829	Name of Sampler:	Adrian Nieto
Project Address:	10700 MacArthur Blvd., Oakland		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	64.51		
Depth of Well	45.00		
Depth to Water (from top of casing)	23.97		
Water Elevation (feet above msl)	40.54		
Well Volumes Purged	3		
Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	10.1		
Actual Volume Purged (gallons)	11.0		
Appearance of Purge Water	Brown and clears by 1.5 gallons		
Free Product Present?	na	Thickness (ft):	-

GROUNDWATER SAMPLES

Number of Samples/Container Size							
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (μ sec/cm)	DO (mg/L)	ORP (meV)	Comments
1:27	1	19.02	7.14	2,816	2.08	106.4	Light Brown
1:28	2	19.1	7.11	2,964	1.02	99.1	Clear
1:29	3	19.08	7.15	2,713	0.55	87.7	Clear
1:30	4	19.07	7.15	2,770	0.47	83.4	Clear
1:32	6	19.07	7.17	2,798	0.48	78.8	Clear
1:34	8	19.14	7.17	2,791	0.45	77.7	Clear
1:50	10	19.25	7.18	2,776	0.63	75.7	Clear
1:57	11	19.28	7.20	2,957	5.59	101.7	Brown

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

Dry at 8.5 gallons, recharges after 15 minutes

AEI CONSULTANTS
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: AMW-4

Project Name:	Foothill Square	Date of Sampling:	10/17/2007
Job Number:	261829	Name of Sampler:	Adrian Nieto
Project Address:	10700 MacArthur Blvd., Oakland		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	64.79		
Depth of Well	25.00		
Depth to Water (from top of casing)	12.64		
Water Elevation (feet above msl)	52.15		
Well Volumes Purged	3		
Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	5.9		
Actual Volume Purged (gallons)	6.0		
Appearance of Purge Water	Dark brown and clears by 0.5 gallons		
Free Product Present?	na	Thickness (ft):	-

GROUNDWATER SAMPLES

Number of Samples/Container Size				2 VOAs			
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (μ sec/cm)	DO (mg/L)	ORP (meV)	Comments
2:27	1	19.51	7.14	2,877	1.52	1.4	Clear
2:28	2	19.62	7.13	2,880	0.33	5.2	Clear
2:29	3	19.61	7.13	2,880	0.40	5.7	Clear
2:30	4	19.60	7.13	2,879	0.37	6.4	Clear
2:31	5	19.58	7.13	2,878	0.36	6.7	Clear
2:32	6	19.58	7.14	2,877	0.35	6.9	Clear

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

Dark Brown with fetid odors noted.

AEI CONSULTANTS
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: AMW-5

Project Name:	Foothill Square	Date of Sampling:	10/17/2007
Job Number:	261829	Name of Sampler:	Adrian Nieto
Project Address:	10700 MacArthur Blvd., Oakland		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	64.97		
Depth of Well	30.00		
Depth to Water (from top of casing)	15.06		
Water Elevation (feet above msl)	49.91		
Well Volumes Purged	3		
Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	7.7		
Actual Volume Purged (gallons)	8.0		
Appearance of Purge Water	Milky brown clears by 2 gallons		
Free Product Present?	na	Thickness (ft):	-

GROUNDWATER SAMPLES

Number of Samples/Container Size				2 VOAs			
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (μ sec/cm)	DO (mg/L)	ORP (meV)	Comments
2:02	1	19.58	7.08	2,947	3.54	110.7	Light Brown
2:03	2	19.72	7.06	2,952	1.07	105.5	Clear
2:04	3	20.03	7.07	2,969	1.61	98.2	Clear
2:05	4	20.12	7.08	2,973	1.44	94.2	Clear
2:08	6	19.92	7.08	2,966	0.73	84.4	Clear
2:10	8	20.00	7.08	2,975	0.74	80.6	Clear

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

AEI CONSULTANTS
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: AMW-6

Project Name:	Foothill Square	Date of Sampling:	10/17/2007
Job Number:	261829	Name of Sampler:	Adrian Nieto
Project Address:	10700 MacArthur Blvd., Oakland		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	65.10		
Depth of Well	25.00		
Depth to Water (from top of casing)	13.87		
Water Elevation (feet above msl)	51.23		
Well Volumes Purged	3		
Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	5.3		
Actual Volume Purged (gallons)	6.0		
Appearance of Purge Water	Clears quickly		
Free Product Present?	na	Thickness (ft):	-

GROUNDWATER SAMPLES

Number of Samples/Container Size				2 VOAs			
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (μ sec/cm)	DO (mg/L)	ORP (meV)	Comments
3:05	1	18.75	7.09	3092	1.08	79.3	Clear
3:06	2	18.99	7.06	3107	2.65	110.7	Clear
3:07	3	19.00	7.06	3109	1.84	108.6	Clear
3:08	4	19.02	7.07	3126	1.23	106.1	Clear
3:09	5	19.01	7.07	3131	1.05	104.2	Clear
3:10	6	19.01	7.07	3129	0.82	101.6	Clear

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

AEI CONSULTANTS
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: AMW-8

Project Name:	Foothill Square	Date of Sampling:	10/17/2007
Job Number:	261829	Name of Sampler:	Adrian Nieto
Project Address:	10700 MacArthur Blvd., Oakland		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	64.55		
Depth of Well	45.00		
Depth to Water (from top of casing)	18.34		
Water Elevation (feet above msl)	46.21		
Well Volumes Purged	3		
Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	12.7		
Actual Volume Purged (gallons)	13.0		
Appearance of Purge Water	Clear		
Free Product Present?	na	Thickness (ft):	-

GROUNDWATER SAMPLES

Number of Samples/Container Size							
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (μ sec/cm)	DO (mg/L)	ORP (meV)	Comments
1:11	1	18.87	8.04	646	0.88	57.5	Clear
1:12	2	19.00	7.99	647	0.69	43.0	Clear
1:13	3	18.87	8.00	646	0.53	38.60	Clear
1:14	5	18.88	8.00	646	0.68	36.3	Clear
1:16	7	19.04	7.98	650	1.09	36.0	Clear
	9	19.05	7.98	649	0.90	35.1	Brown
	11	18.98	8.00	648	0.70	33.2	Light Brown
	13	18.95	8.00	648	0.54	31.8	Light Brown

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

AEI CONSULTANTS
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: AMW-9

Project Name:	Foothill Square	Date of Sampling:	10/17/2007
Job Number:	261829	Name of Sampler:	Adrian Nieto
Project Address:	10700 MacArthur Blvd., Oakland		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	63.48		
Depth of Well	54.30		
Depth to Water (from top of casing)	24.97		
Water Elevation (feet above msl)	38.51		
Well Volumes Purged	3		
Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	14.0		
Actual Volume Purged (gallons)	15.0		
Appearance of Purge Water	Clears quickly		
Free Product Present?	na	Thickness (ft):	-

GROUNDWATER SAMPLES

Number of Samples/Container Size				2 VOAs			
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (μ sec/cm)	DO (mg/L)	ORP (meV)	Comments
11:42	1	20.54	7.01	3813	2.85	107.8	Clear
11:43	2	20.66	7.06	3818	4.02	103.3	clear
11:44	3	20.93	7.11	3836	4.54	100.4	Clear
12:04	6	20.97	7.08	3723	4.32	100.9	Brown
	9	20.73	7.04	3824	3.88	104.0	Clear
	12	20.71	7.02	3825	2.16	100.0	Clear
	15	20.74	7.02	3817	2.12	99.1	Clear

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

Dried out at 4 gallons. Recharged at 12:04

AEI CONSULTANTS
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: WGR MW-2

Project Name:	Foothill Square	Date of Sampling:	10/17/2007
Job Number:	261829	Name of Sampler:	Adrian Nieto
Project Address:	10700 MacArthur Blvd., Oakland		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	4		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	63.18		
Depth of Well	28.00		
Depth to Water (from top of casing)	NA		
Water Elevation (feet above msl)	NA		
Well Volumes Purged	NA		
Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	NA		
Actual Volume Purged (gallons)	Not sampled		
Appearance of Purge Water	--		
Free Product Present?	na	Thickness (ft):	-

GROUNDWATER SAMPLES

Number of Samples/Container Size							
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (μ sec/cm)	DO (mg/L)	ORP (meV)	Comments

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

Well not sampled

AEI CONSULTANTS
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: WGR MW-3

Project Name:	Foothill Square	Date of Sampling:	10/17/2007
Job Number:	261829	Name of Sampler:	A N
Project Address:	10700 MacArthur Blvd., Oakland		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	4		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	58.34		
Depth of Well	27.00		
Depth to Water (from top of casing)	NA		
Water Elevation (feet above msl)	NA		
Well Volumes Purged	NA		
Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	NA		
Actual Volume Purged (gallons)	Not sampled		
Appearance of Purge Water			
Free Product Present?	na	Thickness (ft):	-

GROUNDWATER SAMPLES

Number of Samples/Container Size							
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (μ sec/cm)	DO (mg/L)	ORP (meV)	Comments

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

Well not sampled

AEI CONSULTANTS
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: WGR MW-4

Project Name:	Foothill Square	Date of Sampling:	10/17/2007
Job Number:	261829	Name of Sampler:	Adrian Nieto
Project Address:	10700 MacArthur Blvd., Oakland		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	4		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	60.02		
Depth of Well	44.96		
Depth to Water (from top of casing)	28.33		
Water Elevation (feet above msl)	31.69		
Well Volumes Purged	3		
Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	32.4		
Actual Volume Purged (gallons)	33.0		
Appearance of Purge Water	Milky/light brown and clears by 2.5 gallons		
Free Product Present?	na	Thickness (ft):	-

GROUNDWATER SAMPLES

Number of Samples/Container Size							
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (μ sec/cm)	DO (mg/L)	ORP (meV)	Comments
10:52	1	21.5	6.34	2381	2.09	52.8	Light Brown
10:53	2	21.62	6.33	2372	1.13	79.9	Light Brown
10:54	3	21.68	6.34	2373	0.85	92.9	Clear
10:57	8	21.82	6.24	1646	0.63	121.3	Clear
11:00	13	22.01	6.19	1531	0.81	143.9	Clear
11:03	18	22.01	6.29	1804	0.54	136.2	Clear
11:06	23	21.96	6.32	2111	0.40	131.0	Clear
11:09	28	21.95	6.32	2178	0.40	130.3	Clear
	33	21.95	6.33	2198	0.39	129.2	Clear

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

AEI CONSULTANTS
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: FHS MW-10

Project Name:	Foothill Square	Date of Sampling:	10/17/2007
Job Number:	261829	Name of Sampler:	Adrian Nieto
Project Address:	10700 MacArthur Blvd., Oakland		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	52.34		
Depth of Well	51.94		
Depth to Water (from top of casing)	27.71		
Water Elevation (feet above msl)	24.63		
Well Volumes Purged	3		
Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	11.6		
Actual Volume Purged (gallons)	12.0		
Appearance of Purge Water	Brown and clears by 1.5 gallons		
Free Product Present?		Thickness (ft):	-

12

14

Number of Samples/Container Size				2 VOAs			
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (μ sec/cm)	DO (mg/L)	ORP (meV)	Comments
7:38	1	19.05	6.64	1033	3.49	126.3	Light Brown
7:39	2	19.10	6.58	1052	2.34	129.2	Light Brown
7:40	3	19.13	6.55	1064	1.82	130.8	Clear
7:41	4	19.15	6.58	1068	1.62	129.0	Clear
7:42	6	19.18	6.56	1070	1.13	131.7	Clear
7:43	8	19.20	6.58	1071	0.87	131.2	Clear
7:44	10	19.21	6.58	1069	0.75	131.5	Clear
	12	19.22	6.57	1068	0.54	109.0	Clear

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

AEI CONSULTANTS
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: FHS MW-11

Project Name:	Foothill Square	Date of Sampling:	10/17/2007
Job Number:	261829	Name of Sampler:	Adrian Nieto
Project Address:	10700 MacArthur Blvd., Oakland		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	54.06		
Depth of Well	64.07		
Depth to Water (from top of casing)	29.88		
Water Elevation (feet above msl)	24.18		
Well Volumes Purged	3		
Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	16.4		
Actual Volume Purged (gallons)	17.0		
Appearance of Purge Water	Clear		
Free Product Present?	na	Thickness (ft):	-

GROUNDWATER SAMPLES

Number of Samples/Container Size							
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (μ sec/cm)	DO (mg/L)	ORP (meV)	Comments
8:20	1	19.39	6.71	1472	2.77	140.4	Clear
8:20	2	19.46	6.62	1562	1.37	145.4	Clear
8:21	3	19.48	6.69	1570	1.13	145.6	Clear
8:23	6	19.51	6.63	1579	0.93	143.0	Clear
8:25	9	19.53	6.67	1570	0.89	140.8	Clear
8:27	12	19.53	6.48	1568	0.84	139.1	Clear
8:29	15	19.53	6.58	1562	0.75	136.7	Clear
8:31	17	19.53	6.77	1560	0.71	134.9	Clear

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

AEI CONSULTANTS
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-6

Project Name:	Foothill Square	Date of Sampling:	10/17/2007
Job Number:	261829	Name of Sampler:	Adrian Nieto
Project Address:	10700 MacArthur Blvd., Oakland		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	61.78		
Depth of Well	48.69		
Depth to Water (from top of casing)	36.20		
Water Elevation (feet above msl)	25.58		
Well Volumes Purged	3		
Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	5.9		
Actual Volume Purged (gallons)	6.0		
Appearance of Purge Water	Light brown and clears by 2 gallons		
Free Product Present?	na	Thickness (ft):	-

GROUNDWATER SAMPLES

Number of Samples/Container Size				2 VOAs			
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (μ sec/cm)	DO (mg/L)	ORP (meV)	Comments
10:09	1	18.15	6.84	2809	3.10	41.9	Light Brown
10:10	2	18.42	6.82	2816	1.33	54.8	Light Brown
10:11	3	18.46	6.85	2812	0.94	62.9	Clear
10:12	4	18.49	6.87	2799	0.77	67.7	Clear
10:13	5	18.51	6.86	2786	0.69	71.0	Clear
10:14	6	18.52	6.88	2780	0.66	71.8	Clear

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

AEI CONSULTANTS
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-7

Project Name:	Foothill Square	Date of Sampling:	10/17/2007
Job Number:	261829	Name of Sampler:	Adrian Nieto
Project Address:	10700 MacArthur Blvd., Oakland		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK ▼		
Elevation of Top of Casing (feet above msl)	58.64		
Depth of Well	38.00		
Depth to Water (from top of casing)	21.49		
Water Elevation (feet above msl)	37.15		
Well Volumes Purged	3		
Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	7.9		
Actual Volume Purged (gallons)	8.0		
Appearance of Purge Water	Dark and clears by 2 gallons		
Free Product Present?	na	Thickness (ft):	-

GROUNDWATER SAMPLES

Number of Samples/Container Size				2 VOAs			
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (μ sec/cm)	DO (mg/L)	ORP (meV)	Comments
9:41	1	19.56	6.35	1039	1.20	-34.3	Dark
9:42	2	19.68	6.35	1041	0.92	-36.1	Light
9:43	3	19.73	6.37	1050	0.78	-41.7	Clear
9:44	4	19.74	6.46	1062	0.67	-52.5	clear
9:46	6	19.74	6.54	1061	0.56	-59.6	Clear
	8	19.73	6.51	1057	0.49	-59.0	Clear

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)



McC Campbell Analytical, Inc.

"When Quality Counts"

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

AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: # 261829; Foothill Square	Date Sampled: 10/17/07
		Date Received: 10/17/07
	Client Contact: Jeremy Smith	Date Reported: 10/24/07
	Client P.O.:	Date Completed: 10/24/07

WorkOrder: 0710625

October 24, 2007

Dear Jeremy:

Enclosed are:

- 1). the results of **11** analyzed samples from your **# 261829; Foothill Square project**,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

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

If you have any questions please contact me. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

AEI 0710625

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565

Telephone: (925) 252-9262

Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME

RUSH 24 HR 48 HR 72 HR 5 DAY

EDF Required? Yes No

Report To: **Jeremy Smith** Bill To: **same** P.O. # _____
 Company: **AEI Consultants**
 2500 Camino Diablo, Suite 200
 Walnut Creek, CA 94597 E-Mail: **jasmith@aeiconsultants.com**
 Tele: (925) 944-2899 Fax: (925) 283-6121
 Project #: **261829** Project Name: **Foothill Square**
 Project Location: **10700 MacArthur Blvd. Oakland, CA**
 Sampler Signature: *[Signature]*

Analysis Request

Other

Comments

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED								
		Date	Time			Water	Soil	Air	Sludge	Other	Ice	HCl	HNO ₃	Other					
+ Amw-1		10/12/07	2:47	3	VOCS	X						X	X						
+ Amw-4			3:00			X						X	X						
+ Amw-5			2:52			X						X	X						
+ Amw-6			8:30			X						X	X						
+ Amw-8			13:46			X						X	X						
+ Amw-9			1:38			X						X	X						
- Mw-6			10:20			X						X	X						
+ mw-7			9:55			X						X	X						
+ FHS mw-10			7:58			X						X	X						
+ FHS mw-11			8:39			X						X	X						
- WGR mw-4			11:20			X						X	X						

BTEX & TPH as Gas (602/8020 + 8015)/MTBE																			
TPH as Diesel (8015) w/silica Gel Cleanup																			
Total Petroleum Oil & Grease (5520 E&F/B&F)																			
Total Petroleum Hydrocarbons (418.1)																			
HVOCs EPA 8260																			
BTEX ONLY (EPA 602 / 8020)																			
EPA 608 / 8080																			
EPA 608 / 8080 PCB's ONLY																			
EPA 624 / 8260																			
EPA 625 / 8270																			
PAH's / PNA's by EPA 625 / 8270 / 8310																			
CAM-17 Metals																			
LUFT 5 Metals																			
Lead (7240/7421/239.2/6010)																			
RCI																			

Relinquished By: *[Signature]* Date: 10/12/07 Time: 5:45 PM Received By: *[Signature]*
 Relinquished By: _____ Date: _____ Time: _____ Received By: _____
 Relinquished By: _____ Date: _____ Time: _____ Received By: _____

ICE/t° 12.6°C PRESERVATION VOAS O&G METALS OTHER
 GOOD CONDITION _____ APPROPRIATE _____
 HEAD SPACE ABSENT _____ CONTAINERS _____
 DECHLORINATED IN LAB _____ PERSERVED IN LAB _____

McC Campbell Analytical, Inc.



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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0710625

ClientID: AEL

EDF Excel Fax Email HardCopy ThirdParty

Report to:

Jeremy Smith
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597

Email: jasmith@aeiconsultants.com
TEL: (925) 283-6000 FAX: (925) 283-6121
ProjectNo: # 261829; Foothill Square
PO:

Bill to:

Denise Mockel
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
dmockel@aeiconsultants.com

Requested TAT: 5 days

Date Received: 10/17/2007

Date Printed: 10/22/2007

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
0710625-001	AMW-1	Water	10/17/2007	<input type="checkbox"/>	A	A											
0710625-002	AMW-4	Water	10/17/2007	<input type="checkbox"/>	A												
0710625-003	AMW-5	Water	10/17/2007	<input type="checkbox"/>	A												
0710625-004	AMW-6	Water	10/17/2007	<input type="checkbox"/>	A												
0710625-005	AMW-8	Water	10/17/2007	<input type="checkbox"/>	A												
0710625-006	AMW-9	Water	10/17/2007	<input type="checkbox"/>	A												
0710625-007	MW-6	Water	10/17/2007	<input type="checkbox"/>	A												
0710625-008	MW-7	Water	10/17/2007	<input type="checkbox"/>	A												
0710625-009	FHS MW-10	Water	10/17/2007	<input type="checkbox"/>	A												
0710625-010	FHS MW-11	Water	10/17/2007	<input type="checkbox"/>	A												
0710625-011	WGR MW-4	Water	10/17/2007	<input type="checkbox"/>	A												

Test Legend:

1	8010BMS_W	2	PREDF REPORT	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Kimberly Burks

Comments: Joanne no longer with AEI; invoices to dmockel@aeiconsultants.com

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



Sample Receipt Checklist

Client Name: **AEI Consultants**

Date and Time Received: **10/17/2007 8:00:24 PM**

Project Name: **# 261829; Foothill Square**

Checklist completed and reviewed by: **Kimberly Burks**

WorkOrder N°: **0710625** Matrix Water

Carrier: Client Drop-In

Chain of Custody (COC) Information

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

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

- All samples received within holding time? Yes No
- Container/Temp Blank temperature Cooler Temp: 12.6°C NA
- Water - VOA vials have zero headspace / no bubbles? Yes No No VOA vials submitted
- Sample labels checked for correct preservation? Yes No
- TTLC Metal - pH acceptable upon receipt (pH<2)? Yes No NA

Client contacted:

Date contacted:

Contacted by:

Comments:



McC Campbell Analytical, Inc.

"When Quality Counts"

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

AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: # 261829; Foothill Square	Date Sampled: 10/17/07
	Client Contact: Jeremy Smith	Date Received: 10/17/07
	Client P.O.:	Date Extracted: 10/20/07-10/23/07
		Date Analyzed: 10/20/07-10/23/07

Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0710625

Lab ID	0710625-001A	0710625-002A	0710625-003A	0710625-004A	Reporting Limit for DF =1	
Client ID	AMW-1	AMW-4	AMW-5	AMW-6	S	W
Matrix	W	W	W	W		
DF	1	1	1	3.3		

Compound	Concentration				µg/kg	µg/L
Bromodichloromethane	ND	ND	ND	ND<1.7	NA	0.5
Bromoform	ND	ND	ND	ND<1.7	NA	0.5
Bromomethane	ND	ND	ND	ND<1.7	NA	0.5
Carbon Tetrachloride	ND	ND	ND	ND<1.7	NA	0.5
Chlorobenzene	ND	ND	ND	ND<1.7	NA	0.5
Chloroethane	ND	ND	ND	ND<1.7	NA	0.5
2-Chloroethyl Vinyl Ether	ND	ND	ND	ND<3.3	NA	1.0
Chloroform	ND	ND	ND	ND<1.7	NA	0.5
Chloromethane	ND	ND	ND	ND<1.7	NA	0.5
Dibromochloromethane	ND	ND	ND	ND<1.7	NA	0.5
1,2-Dichlorobenzene	ND	ND	ND	ND<1.7	NA	0.5
1,3-Dichlorobenzene	ND	ND	ND	ND<1.7	NA	0.5
1,4-Dichlorobenzene	ND	ND	ND	ND<1.7	NA	0.5
Dichlorodifluoromethane	ND	ND	ND	ND<1.7	NA	0.5
1,1-Dichloroethane	ND	ND	ND	ND<1.7	NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND<1.7	NA	0.5
1,1-Dichloroethene	ND	ND	ND	ND<1.7	NA	0.5
cis-1,2-Dichloroethene	ND	4.0	1.2	48	NA	0.5
trans-1,2-Dichloroethene	ND	ND	ND	8.4	NA	0.5
1,2-Dichloropropane	ND	ND	ND	ND<1.7	NA	0.5
cis-1,3-Dichloropropene	ND	ND	ND	ND<1.7	NA	0.5
trans-1,3-Dichloropropene	ND	ND	ND	ND<1.7	NA	0.5
Methylene chloride	ND	ND	ND	ND<1.7	NA	0.5
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND<1.7	NA	0.5
Tetrachloroethene	ND	6.2	42	140	NA	0.5
1,1,1-Trichloroethane	ND	ND	ND	ND<1.7	NA	0.5
1,1,2-Trichloroethane	ND	ND	ND	ND<1.7	NA	0.5
Trichloroethene	ND	ND	2.0	27	NA	0.5
Trichlorofluoromethane	ND	ND	ND	ND<1.7	NA	0.5
Vinyl Chloride	ND	ND	ND	1.9	NA	0.5

Surrogate Recoveries (%)

%SS1:	101	99	103	103	
%SS2:	92	91	91	93	
%SS3:	104	106	107	104	

Comments

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: # 261829; Foothill Square	Date Sampled: 10/17/07
	Client Contact: Jeremy Smith	Date Received: 10/17/07
	Client P.O.:	Date Extracted: 10/20/07-10/23/07
		Date Analyzed: 10/20/07-10/23/07

Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0710625

Lab ID	0710625-005A	0710625-006A	0710625-007A	0710625-008A	Reporting Limit for DF =1	
Client ID	AMW-8	AMW-9	MW-6	MW-7	S	W
Matrix	W	W	W	W		
DF	1	5	10	20		

Compound	Concentration				µg/kg	µg/L
Bromodichloromethane	ND	ND<2.5	ND<5.0	ND<10	NA	0.5
Bromoform	ND	ND<2.5	ND<5.0	ND<10	NA	0.5
Bromomethane	ND	ND<2.5	ND<5.0	ND<10	NA	0.5
Carbon Tetrachloride	ND	ND<2.5	ND<5.0	ND<10	NA	0.5
Chlorobenzene	ND	ND<2.5	ND<5.0	ND<10	NA	0.5
Chloroethane	ND	ND<2.5	ND<5.0	ND<10	NA	0.5
2-Chloroethyl Vinyl Ether	ND	ND<5.0	ND<10	ND<20	NA	1.0
Chloroform	ND	ND<2.5	ND<5.0	ND<10	NA	0.5
Chloromethane	ND	ND<2.5	ND<5.0	ND<10	NA	0.5
Dibromochloromethane	ND	ND<2.5	ND<5.0	ND<10	NA	0.5
1,2-Dichlorobenzene	ND	ND<2.5	ND<5.0	ND<10	NA	0.5
1,3-Dichlorobenzene	ND	ND<2.5	ND<5.0	ND<10	NA	0.5
1,4-Dichlorobenzene	ND	ND<2.5	ND<5.0	ND<10	NA	0.5
Dichlorodifluoromethane	ND	ND<2.5	ND<5.0	ND<10	NA	0.5
1,1-Dichloroethane	ND	ND<2.5	ND<5.0	ND<10	NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND	ND<2.5	ND<5.0	ND<10	NA	0.5
1,1-Dichloroethene	ND	ND<2.5	ND<5.0	ND<10	NA	0.5
cis-1,2-Dichloroethene	ND	ND<2.5	10	ND<10	NA	0.5
trans-1,2-Dichloroethene	ND	ND<2.5	ND<5.0	ND<10	NA	0.5
1,2-Dichloropropane	ND	ND<2.5	ND<5.0	ND<10	NA	0.5
cis-1,3-Dichloropropene	ND	ND<2.5	ND<5.0	ND<10	NA	0.5
trans-1,3-Dichloropropene	ND	ND<2.5	ND<5.0	ND<10	NA	0.5
Methylene chloride	ND	ND<2.5	ND<5.0	ND<10	NA	0.5
1,1,2,2-Tetrachloroethane	ND	ND<2.5	ND<5.0	ND<10	NA	0.5
Tetrachloroethene	1.6	130	310	ND<10	NA	0.5
1,1,1-Trichloroethane	ND	ND<2.5	ND<5.0	ND<10	NA	0.5
1,1,2-Trichloroethane	ND	ND<2.5	ND<5.0	ND<10	NA	0.5
Trichloroethene	ND	ND<2.5	18	ND<10	NA	0.5
Trichlorofluoromethane	ND	ND<2.5	ND<5.0	ND<10	NA	0.5
Vinyl Chloride	ND	ND<2.5	ND<5.0	ND<10	NA	0.5

Surrogate Recoveries (%)

%SS1:	102	99	99	99	
%SS2:	94	96	95	94	
%SS3:	101	98	99	99	

Comments

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: # 261829; Foothill Square	Date Sampled: 10/17/07
	Client Contact: Jeremy Smith	Date Received: 10/17/07
	Client P.O.:	Date Extracted: 10/20/07-10/23/07
		Date Analyzed: 10/20/07-10/23/07

Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0710625

Lab ID	0710625-009A	0710625-010A	0710625-011A		Reporting Limit for DF =1	
Client ID	FHS MW-10	FHS MW-11	WGR MW-4		S	W
Matrix	W	W	W			
DF	1	1	1			

Compound	Concentration				µg/kg	µg/L
Bromodichloromethane	ND	ND	ND		NA	0.5
Bromoform	ND	ND	ND		NA	0.5
Bromomethane	ND	ND	ND		NA	0.5
Carbon Tetrachloride	ND	ND	ND		NA	0.5
Chlorobenzene	ND	ND	ND		NA	0.5
Chloroethane	ND	ND	ND		NA	0.5
2-Chloroethyl Vinyl Ether	ND	ND	ND		NA	1.0
Chloroform	ND	ND	ND		NA	0.5
Chloromethane	ND	ND	ND		NA	0.5
Dibromochloromethane	ND	ND	ND		NA	0.5
1,2-Dichlorobenzene	ND	ND	ND		NA	0.5
1,3-Dichlorobenzene	ND	ND	ND		NA	0.5
1,4-Dichlorobenzene	ND	ND	ND		NA	0.5
Dichlorodifluoromethane	ND	ND	ND		NA	0.5
1,1-Dichloroethane	ND	ND	ND		NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND		NA	0.5
1,1-Dichloroethene	ND	ND	ND		NA	0.5
cis-1,2-Dichloroethene	ND	ND	ND		NA	0.5
trans-1,2-Dichloroethene	ND	ND	ND		NA	0.5
1,2-Dichloropropane	ND	ND	ND		NA	0.5
cis-1,3-Dichloropropene	ND	ND	ND		NA	0.5
trans-1,3-Dichloropropene	ND	ND	ND		NA	0.5
Methylene chloride	ND	ND	ND		NA	0.5
1,1,2,2-Tetrachloroethane	ND	ND	ND		NA	0.5
Tetrachloroethene	ND	31	ND		NA	0.5
1,1,1-Trichloroethane	ND	ND	ND		NA	0.5
1,1,2-Trichloroethane	ND	ND	ND		NA	0.5
Trichloroethene	ND	0.71	ND		NA	0.5
Trichlorofluoromethane	ND	ND	ND		NA	0.5
Vinyl Chloride	ND	ND	ND		NA	0.5

Surrogate Recoveries (%)

%SS1:	101	102	110		
%SS2:	97	96	92		
%SS3:	101	98	95		

Comments

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0710625

Analyte	EPA Method SW8260B			Extraction SW5030B			BatchID: 31413			Spiked Sample ID: 0710622-012B			
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)				
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD	
Chlorobenzene	ND	10	125	126	1.51	119	117	2.21	70 - 130	30	70 - 130	30	
1,2-Dichloroethane (1,2-DCA)	ND	10	114	110	3.13	107	103	4.42	70 - 130	30	70 - 130	30	
1,1-Dichloroethene	ND	10	123	126	2.76	128	128	0	70 - 130	30	70 - 130	30	
Trichloroethene	ND	10	103	106	2.32	97.9	94.2	3.81	70 - 130	30	70 - 130	30	
%SS1:	101	10	105	104	0.890	104	102	1.45	70 - 130	30	70 - 130	30	
%SS2:	92	10	89	90	1.06	90	90	0	70 - 130	30	70 - 130	30	
%SS3:	105	10	104	103	1.69	104	103	0.666	70 - 130	30	70 - 130	30	

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

BATCH 31413 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0710625-001A	10/17/07 2:47 AM	10/20/07	10/20/07 3:40 AM	0710625-002A	10/17/07 3:00 AM	10/20/07	10/20/07 4:30 AM
0710625-003A	10/17/07 2:52 AM	10/20/07	10/20/07 5:22 AM	0710625-004A	10/17/07 3:30 AM	10/20/07	10/20/07 9:08 PM
0710625-005A	10/17/07 3:46 AM	10/20/07	10/20/07 6:19 AM	0710625-006A	10/17/07 1:38 AM	10/20/07	10/20/07 2:20 PM
0710625-007A	10/17/07 10:20 AM	10/20/07	10/20/07 3:05 PM	0710625-008A	10/17/07 9:55 AM	10/20/07	10/20/07 3:50 PM

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

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

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

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

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



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0710625

Analyte	EPA Method SW8260B			Extraction SW5030B			BatchID: 31424			Spiked Sample ID: 0710625-009A			
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)				
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD	
Chlorobenzene	ND	10	118	121	1.92	126	124	1.38	70 - 130	30	70 - 130	30	
1,2-Dichloroethane (1,2-DCA)	ND	10	102	98.9	3.41	109	102	6.20	70 - 130	30	70 - 130	30	
1,1-Dichloroethene	ND	10	99.8	113	12.0	122	127	3.81	70 - 130	30	70 - 130	30	
Trichloroethene	ND	10	97.4	94.3	3.21	101	95.8	4.95	70 - 130	30	70 - 130	30	
%SS1:	101	10	108	102	6.09	100	94	6.78	70 - 130	30	70 - 130	30	
%SS2:	97	10	98	98	0	89	88	1.86	70 - 130	30	70 - 130	30	
%SS3:	101	10	99	101	1.56	102	103	0.804	70 - 130	30	70 - 130	30	

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

BATCH 31424 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0710625-009A	10/17/07 7:58 AM	10/20/07	10/20/07 9:25 AM	0710625-010A	10/17/07 8:39 AM	10/20/07	10/20/07 10:10 AM
0710625-011A	10/17/07 11:20 AM	10/23/07	10/23/07 2:05 PM				

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

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

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

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

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