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December 31, 2009

**GROUNDWATER MONITORING REPORT**  
**Fourth Quarter, 2009**

807 75th Avenue  
Oakland, California

AEI Project No. 262157  
ACHCS # RO 0508

Prepared For

Mr. Allan Kanady  
Omega Termite  
807 75th Avenue  
Oakland, CA 95621

Prepared By

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December 31, 2009

Mr. Allan Kanady  
Omega Termite  
807 75th Avenue  
Oakland, CA 95621

**Subject: Quarterly Groundwater Monitoring Report  
Fourth Quarter, 2009**  
807 75th Avenue  
Oakland, California  
AEI Project No. 262157  
ACHCS # RO 0508

Dear Mr. Kanady:

AEI Consultants (AEI) has prepared this report to document the results of the second quarter 2009 groundwater monitoring event at the above referenced site (Figure 1: Site Location Map). This groundwater investigation has been performed in accordance with the requirements of the Alameda County Health Care Services Agency (ACEH). The purpose of this activity is to monitor groundwater quality near the location of previously removed underground storage tanks (USTs) at the site. This report presents the findings of the 4th Quarter 2009 groundwater monitoring event, performed on December 11, 2009.

### **Site Description and Background**

The site is located in an industrial area of the City of Oakland, on the northern corner of the intersection of 75<sup>th</sup> Avenue and Snell Street, just east of San Leandro Street. The property is approximately 10,000 square feet in size and currently developed with two buildings, and is occupied by Omega Termite.

On September 15, 1996, AEI removed three (3) gasoline USTs from the subject property. The tanks consisted of one 8,000-gallon UST, one 1,000-gallon UST, and one 500-gallon UST. The former locations of the tanks are shown on Figure 2. Soil and groundwater samples collected during the tank removal activities revealed that a release had occurred from the tank system. Total petroleum hydrocarbons as gasoline (TPH-g), benzene, and methyl tertiary butyl ether (MTBE) were detected in the soil samples at concentrations up to 4,300 mg/kg, 13 mg/kg, and 25 mg/kg, respectively.

In October 1997, soil and groundwater samples were collected from six (6) soil borings (BH-1 through BH-6). In June 1999, four (4) groundwater monitoring wells (MW-1 through MW-4) were

also installed by AEI. The construction details for the groundwater monitoring wells on site are summarized in Table 1. Monitoring well locations are shown on Figure 2. Historical groundwater elevation and historical groundwater sample analytical data are presented in Tables 2 and 3.

Under the direction of the ACEH, additional soil was removed from the excavation in March 2000. The excavation was extended to 29 by 48 feet in size and 8 feet deep at the east end of the excavation and 11.5 at the west end. During the excavation activities, an additional 500-gallon UST was discovered at the eastern end of the excavation. This tank was removed under the direction of Oakland Fire Services Agency (OFSA). Six additional soil samples were collected from the sidewalls and bottom of the excavation.

The resulting excavation was then backfilled with pea gravel to bridge the water table, with the remainder of the excavation being filled with the previously aerated soil and later with imported fill. The newly excavated soil was stockpiled on the northern portion of the property. A total of 7,400 gallons of hydrocarbon-impacted groundwater were pumped from the excavation, treated on-site, and discharged to the sanitary sewer system under an East Bay Municipal Utility District permit.

On October 9 and 10, 2003, AEI drilled seven (7) temporary Geoprobe® boreholes (SB-7 through SB-13) to depths ranging from 15 to 20 feet bgs to further delineate the lateral extent of contamination in the Shallow aquifer. One borehole, SB-14 was advanced to a depth of 30 feet bgs to determine if the second aquifer at the site had been impacted. Soil samples were collected in the vadose zone above the first aquifer and from the aquitard between the first and second aquifers. The results of chemical analyses of soil samples collected and analyzed during this investigation and earlier investigations appear to have effectively defined the limits of impacted soil in the vadose zone.

The analysis of the water sample from the second aquifer (Soil Boring SB-14, 28 feet bgs) reported TPH-g, TPH-d, MTBE and benzene at concentrations of 2,300 µg/L, 72,000 µg/L, 45 µg/L and 120 µg/L, respectively. Light non-aqueous phase liquid was observed on the sampler and in the water sample.

On February 15 and February 16, 2006, AEI advanced five soil borings (MW-6 through MW-10) on the site, and completed the borings as groundwater monitoring wells. The Monitoring wells were drilled with a Marl 2.5 D drilling rig. Shallow Zone well MW-6 and Deeper Zone wells MW-7 through MW-10, were drilled with nominal 8-inch diameter hollow stem augers and completed as 2" groundwater monitoring wells. The details of the well completions are summarized in Table 1.

These and existing wells were sampled on March 13, 2006. Maximum concentrations of TPH-g, TPH-d, and TPH-mo reported from the Shallow Zone were 3,200 µg/L (MW-1), 2,400 µg/L (MW-2), and 320 µg/L (MW-1), respectively. The maximum concentrations of benzene reported was 1,400 µg/L in MW-1.

Maximum concentrations of TPH-g, TPH-d, and TPH-mo reported from the Deeper Zone were 1,100 µg/L, 14,000 µg/L, and 4,100 µg/L, respectively in MW-9 with the notation of light

immiscible hydrocarbons present in the sample. The maximum concentration of benzene reported was 85 µg/L in MW-9. The results of this investigation are summarized in “*Deeper Aquifer Soil and Groundwater Investigation Report*”, dated April 28, 2006.

In a letter dated May 25, 2006, the ACEH requested a work plan for installation and pilot testing of the ozone sparging system recommended by AEI. The “*Well and Ozone Micro-Sparge System Installation Work Plan*” was approved by the ACEH in a letter dated August 11, 2006. The Ozone Micro-Sparge System was installed during February and March with initial start up on March 8, 2008. Ozone system installation, start up and monitoring activities are summarized in “*In Situ Ozone Oxidation Install and Startup Report*”, dated January 30, 2008.

## **Geology and Hydrology**

The site is located at an elevation approximately 11 feet above mean sea level (msl). The site is essentially flat; however, the general topography of the area slopes gently to the west. The surface sediments at the site are mapped as Holocene natural levee and basin deposits (Qhl and Qhb, OF 97-97, E.J. Helley and R.W. Graymer). The Natural Levee Deposits (Holocene) are described as “loose, moderately to well-sorted sandy or clayey silt grading to sandy or silty clay”. The Basin Deposits (Holocene) are described as “very fine silty clay to clay deposits occupying flat-floored basins at the distal edge of alluvial fans adjacent to the bay mud (Qhbm)”. The presence of gravels in several of the onsite soil borings indicates that stream channel deposits are also present.

Based on the soil borings advanced by AEI, the near surface sediments beneath the site can be divided into several water bearing zones which are separated by clay layers. Sediments immediately below the surface consist of black to gray brown to olive brown silty clay depths ranging from 7.5 to 10 feet bgs. No groundwater was encountered during drilling of this interval.

The surface clay is underlain by variable and somewhat discontinuous silty sand and clayey silt, which make up the Shallow Zone. The Shallow Zone extends from the base of the surface clay to depths ranging from 18 to 21 feet bgs. This zone has low to medium permeability. Groundwater is typically seen in the first permeable silt or sand encountered during drilling of this interval. Once encountered, groundwater level typically stabilizes at a depth of 5 feet bgs or less, indicating the zone is at least a semi-confined aquifer.

The Shallow Zone is underlain by several feet of moderately dry light olive brown to yellowish brown clay, except in MW-7, drilled through the former tank hold, below which the clays have significant discoloration (dark greenish gray clay).

At depths ranging from 18 ft (MW-9) to 21 feet (MW-8) bgs, a second discontinuous water bearing zone (Intermediate Zone) is present. The Intermediate Zone consists of discontinuous gravel, clayey gravel, and silty sand, clayey sand, and clayey silt which are interbedded with clay layers. Permeability in the Intermediate Zone ranges from high (gravel) to poor (clayey silt). The Intermediate Zone is separated from the Deeper Zone by a layer of brown silty clay that ranges in thickness of 2 to 7 feet.

A third water bearing zone (Deeper Zone) was encountered at a depth of approximately 27 to 28 feet bgs. The lower permeable zone is made up of clayey silt, clayey sand, clean sand and sandy gravel.

### **Summary of Activities**

The ozone injection system was turned off on August 28, 2009 to determine if groundwater contamination concentrations would rebound following system shutdown. AEI conducted monitoring, and quarterly groundwater sampling of five (5) Shallow Zone monitoring wells (MW-1 through MW-4 and MW-6) and six (6) Deeper Zone wells (MW-7 through MW-12) on December 11, 2009.

Prior to measuring the depth to water, the well caps were removed and the water levels in each well were allowed to equilibrate with atmospheric pressure for at least 15 minutes. The depth to groundwater (from the top of the well casings) for each well was then measured with an electric water level indicator. A peristaltic pump was used to purge all wells on site. Wells MW-1 through MW-6 were purged with the sampling tubing at a depth of approximately 12 feet below ground surface (bgs) and wells MW-7 through MW-12 were purged with the sampling tubing at a depth of approximately 27 feet bgs. During purging activities, the groundwater parameters: temperature, pH, specific conductivity, dissolved oxygen (DO), and oxidation-reduction potential (ORP) were measured. A visual evaluation of turbidity was made and noted. Groundwater parameters measured in the field are reported on the field sampling forms included in Appendix A.

Following stabilization of groundwater parameters, groundwater samples were collected using the peristaltic pump bailers and placed into 40-milliliter (ml) Volatile Organic Analysis (VOA) vials and 1-liter amber bottles. The VOAs were filled so that no headspace or air bubbles were visible within the sample containers. Samples were transported in a cooler on ice under appropriate chain-of-custody protocol to McCampbell Analytical, Inc. of Pittsburg, California (Department of Health Services Certification #1644).

Groundwater samples from the wells were analyzed for TPH-g, MTBE, benzene, toluene, ethyl benzene, xylenes (MBTEX), by SW8021B/8015Cm, and TPH-d (as diesel) and TPH-mo (as motor oil) by SW8015C.

### **Field Results**

Groundwater elevations in the Shallow Zone monitoring wells ranged from 6.22 (MW-1) to 6.37 (MW-3) feet above mean sea level (amsl). These elevations in the Shallow Zone are an average of 0.24 feet higher than at the time of the previous quarterly monitoring event. The groundwater hydraulic gradient in the Shallow Zone is 0.0047 ft/ft to the southwest.

Groundwater elevations in the Deep Zone monitoring wells ranged from 6.12 (MW-) to 6.90 (MW-8) feet amsl. These elevations are an average of 0.06 feet lower than at the time of the previous

quarterly monitoring event. The groundwater hydraulic gradient in the Deep Zone is 0.033 ft/ft to the south-southeast.

Current and historical groundwater elevation data are summarized in Tables 3 and 3a. The groundwater elevation contours and the groundwater flow directions are presented in Figure 3 and Figure 4. Groundwater Monitoring Well Field Sampling Forms are presented Appendix A.

## **Groundwater Quality**

TPH-g and TPH-d concentrations in Shallow Zone monitoring well MW-1 decreased to 91 µg/L and 170 µg/L, respectively. BTEX was reported as non-detectable at a reporting limit of 0.5 µg/L, with the exception of toluene reported at 1.3 µg/L. MTBE and TPH-mo were reported as non-detectable at reporting limits of 5.0 µg/L and 250 µg/L, respectively.

The TPH-g concentration in Shallow Zone monitoring well MW-2 decreased to 330 µg/L, while TPH-d remained constant to 120 µg/L. Toluene, ethylbenzene, and total xylenes were reported at 5.9 µg/L, 1.0 µg/L, and 0.72 µg/L, respectively. Benzene was reported as non-detectable at a reporting limit of 0.5 µg/L. MTBE and TPH-mo were reported as non-detectable at reporting limits of 5.0 µg/L and 250 µg/L, respectively.

The TPH-g, TPH-d, TPH-mo, and MTBE concentrations in Shallow Zone monitoring wells MW-3 through MW-6 remained below standard reporting limits, with the exception of MTBE reported in MW-6 at 5.3 µg/L. BTEX was reported as non-detectable at a reporting limit of 0.5 µg/L in these wells.

TPH-g, TPH-d, TPH-mo, MTBE, and BTEX, concentrations in Deeper Zone monitoring wells MW-7 and MW-8 remained below standard laboratory detection limits.

The TPH-g concentration in Deeper Zone monitoring well MW-9 decreased to 52 µg/L. TPH-d remained ND<50 µg/L. BTEX decreased to below standard reporting limit of ND<0.5. MTBE and TPH-mo remained below reporting limits of 5.0 µg/L and 250 µg/L, respectively.

The TPH-g, TPH-d, TPH-mo, MTBE, and BTEX concentrations reported in wells MW-10, MW-11, and MW-12 remained, below standard reporting limits, with the exception of TPH-g reported in MW-10 at 55 µg/L.

A summary of groundwater analytical data is presented in Table 2 and Figure 5. TPH-g contaminant isopleths of the Shallow and Deeper Zone wells is presented in Figures 6 and 7, respectively. Laboratory results and chain of custody documents are included in Appendix B.

## Summary

The Fourth Quarter 2009 monitoring event follows a period of approximately 100 days during which the ozone injection system has been shut down. Overall hydrocarbon concentrations in all wells with detectable hydrocarbons have decreased.

Total Petroleum Hydrocarbons, BTEX and MTBE concentrations in all Deeper Zone wells (MW-8, through MW-12) are below RWQCB ESLs for groundwater that is a current or potential drinking water resource.

With the exception of MW-2, Total Petroleum Hydrocarbons, BTEX and MTBE concentrations in all Shallow Zone wells are below RWQCB ESLs for groundwater that is a not a current or potential drinking water resource.

AEI recommends changing the monitoring period to quarterly monitoring to confirm that rebound is not occurring and that the site has reached the point where it can be considered for closure under commercial/industrial guidelines.

## Report Limitations and Signatures

This report presents a summary of work completed by AEI Consultants, including observations and descriptions of site conditions. Where appropriate, it includes analytical results for samples taken during the course of the work. The number and location of samples are chosen to provide required information, but it cannot be assumed that they are entirely representative of all areas not sampled. All conclusions and recommendations are based on these analyses, 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 geologic, environmental engineering and construction fields that existed at the time and location of the work.

Please contact Robert F. Flory at (925) 944-2899 extension 122, if you have any questions regarding the findings and recommendations included in this report.

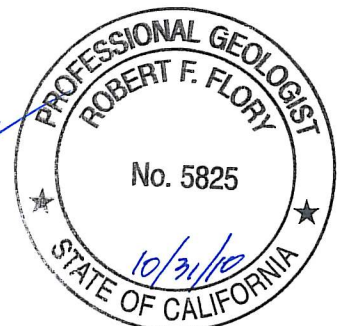
Sincerely,  
**AEI Consultants**



Adrian M. Angel, GIT  
Staff Geologist



Robert F. Flory, P.G.  
Senior Geologist



## Attachments

### Figures

Figure 1	Site Location Map
Figure 2	Site Plan
Figure 3	Groundwater Elevation Contours – Shallow Zone Wells (12/11/2009)
Figure 4	Groundwater Elevation Contours – Deeper Zone (12/11/2009)
Figure 5	Groundwater Analytical Results (12/11/2009)
Figure 6	TPH-g Isopleths Shallow Zone (12/11/2009)
Figure 7	TPH-g Isopleths Deeper Zone (12/11/2009)

### Tables

Table 1	Monitoring Well Construction Details
Table 2	Groundwater Analytical Data
Table 3	Groundwater Elevation Data
Table 3a	Groundwater Elevation Data and Flow Direction Summary

**Appendix A** Groundwater Monitoring Well Field Sampling Forms

**Appendix B** Laboratory Analytical Documentation and Chain of Custody Documentation

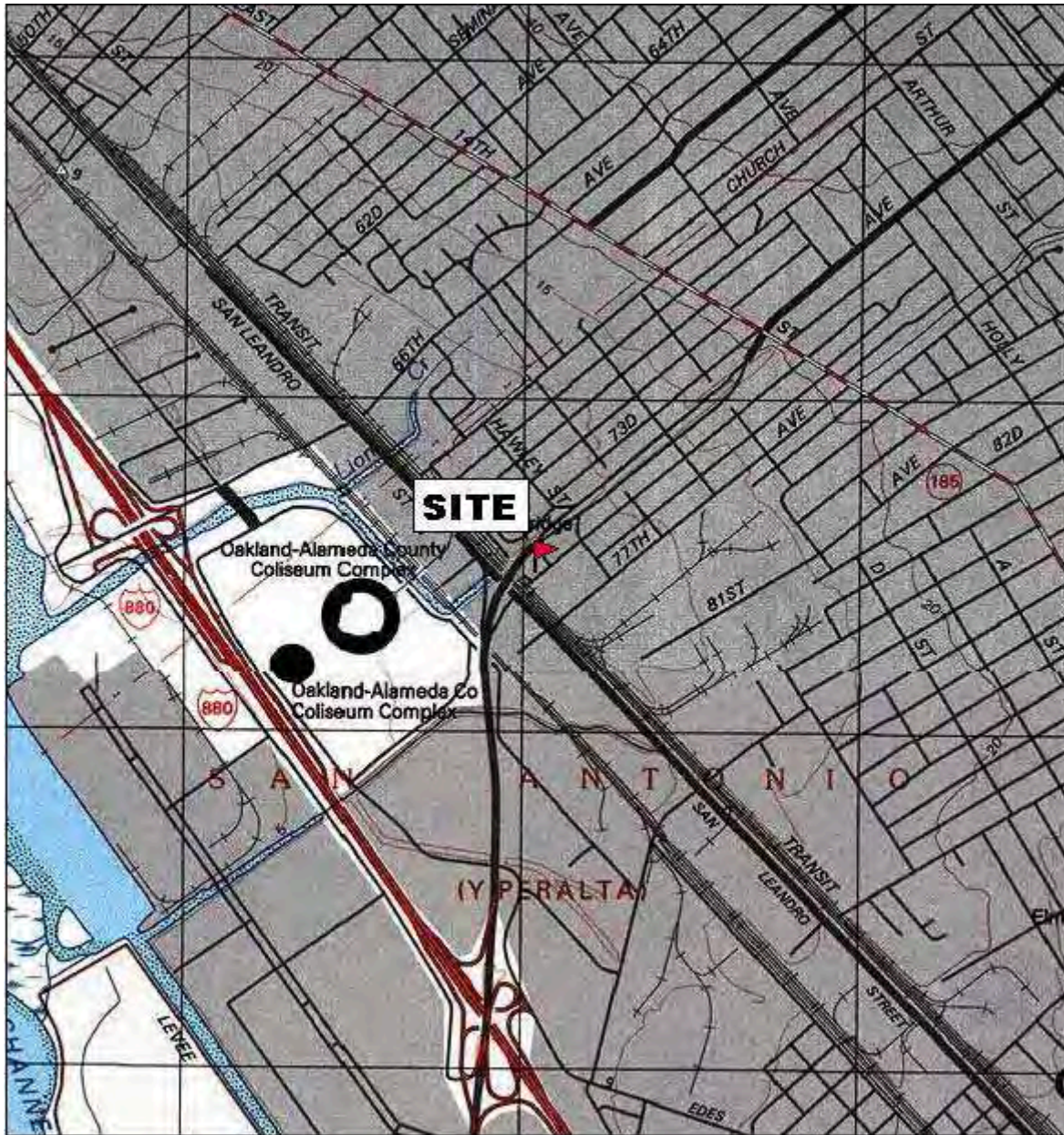
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# FIGURES



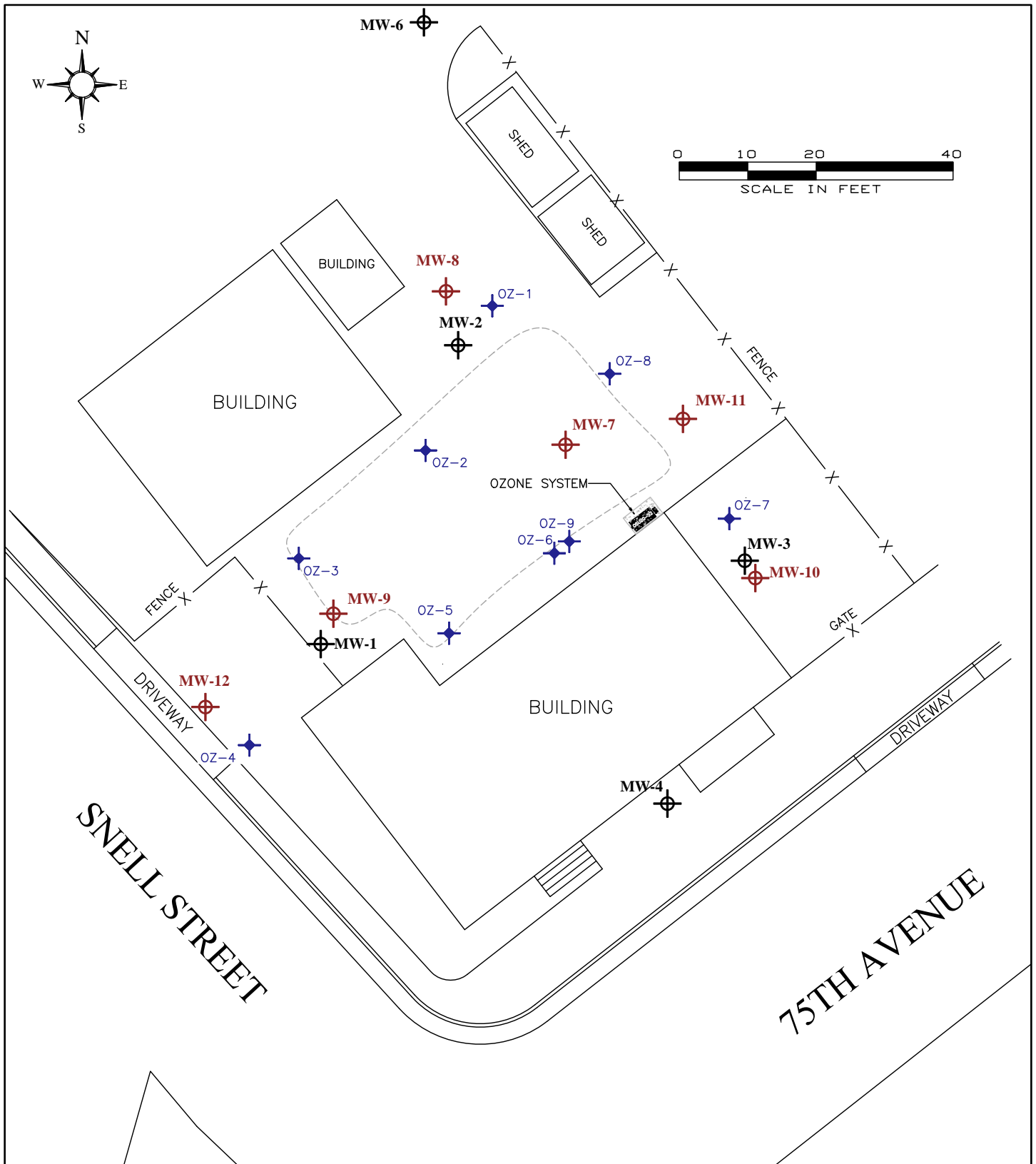


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<p><b>AEI CONSULTANTS</b> 2500 CAMINO DIABLO, SUITE 200, WALNUT CREEK, CA</p>	
<p><b>SITE LOCATION MAP</b></p>	
<p>807 75<sup>th</sup> AVENUE OAKLAND, CALIFORNIA</p>	<p><b>FIGURE 1</b> AEI PROJECT No. 262157</p>



**LEGEND**

-  MONITORING WELL (SHALLOW)      SHALLOW WELLS SCREENED FROM -5 TO 20 FT BGS
-  MONITORING WELL (DEEP)      DEEP WELLS SCREENED FROM -25 TO 30 FT BGS
-  OZONE SPARGE POINT

DRAFTED BY R. BRADFORD 12-01-06  
 REVISED BY R. BRADFORD 12-18-06

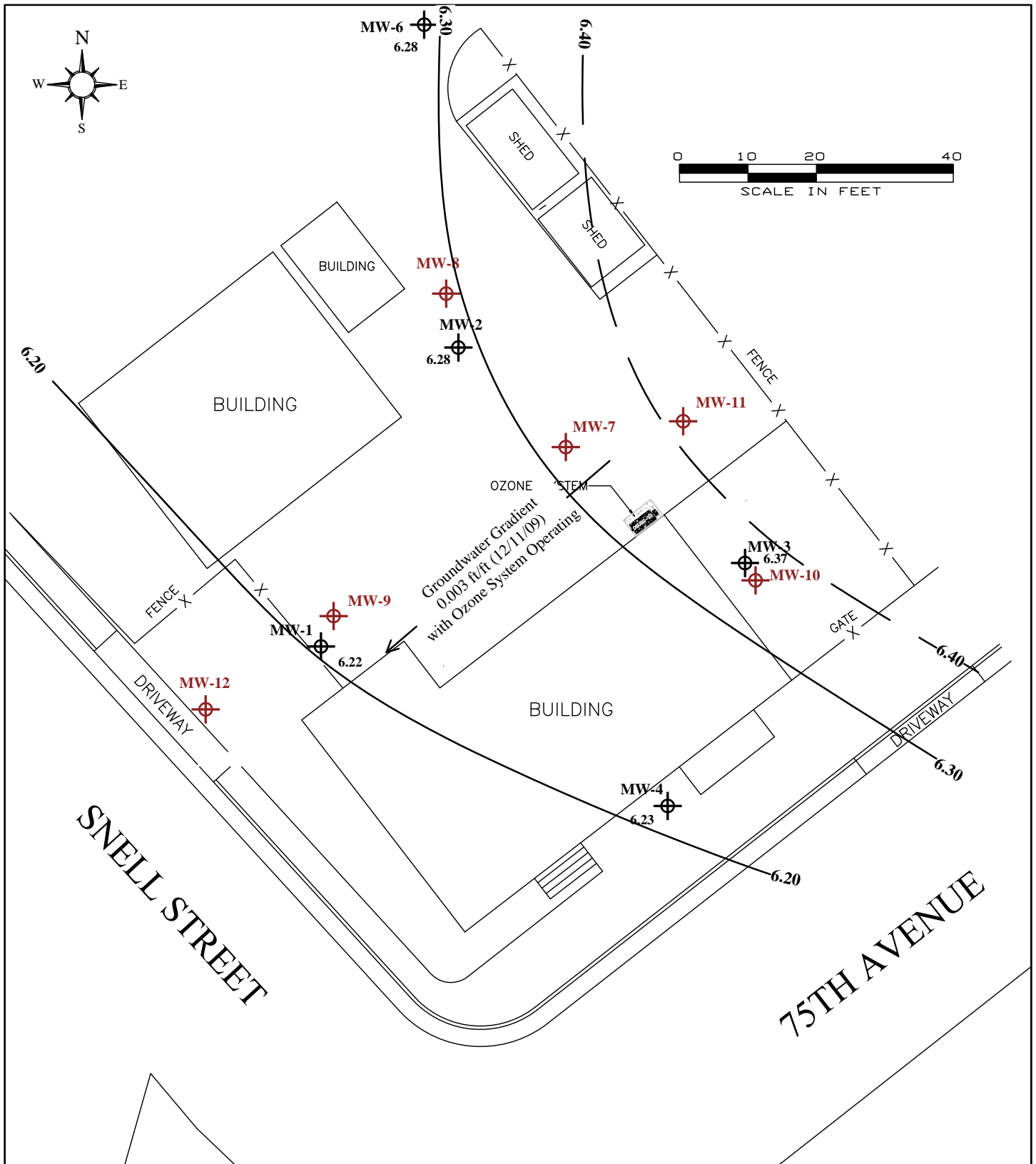
**AEI CONSULTANTS**

2500 CAMINO DIABLO, WALNUT CREEK

**SITE PLAN**

807 75th AVENUE  
 OAKLAND, CALIFORNIA

**FIGURE 2**  
 PROJECT NO. 262157



**LEGEND**

- MONITORING WELL (SHALLOW)    SHALLOW WELLS SCEEDED FROM -5 TO 20 FT BGS
- MONITORING WELL (DEEP)    DEEP WELLS SCEEDED FROM -25 TO 30 FT BGS

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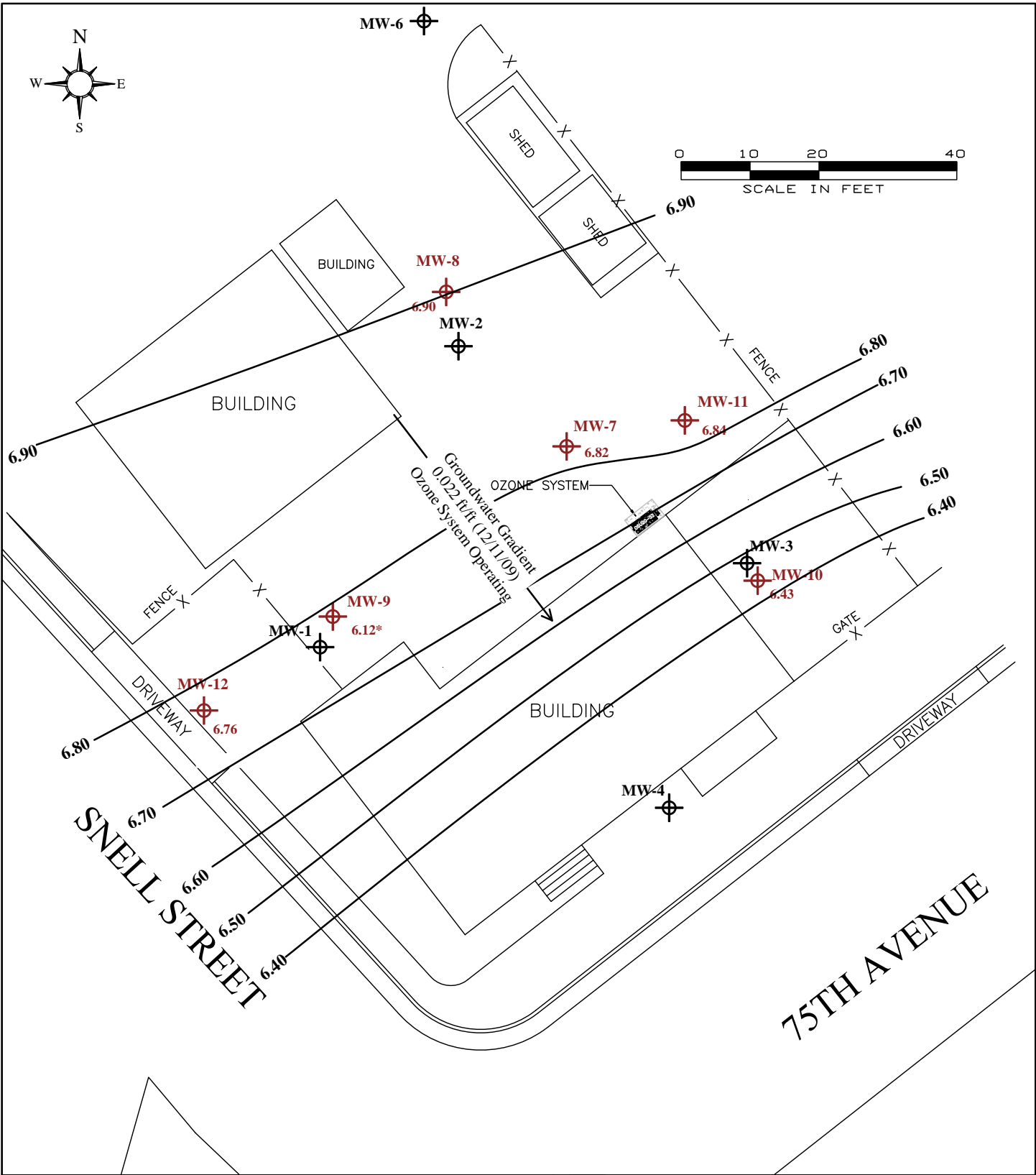
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2500 CAMINO DIABLO, WALNUT CREEK

**GROUNDWATER ELEVATION CONTOURS  
 SHALLOW ZONE WELLS - 12/11/2009**

807 75th AVENUE  
 OAKLAND, CALIFORNIA

**FIGURE 3**  
 PROJECT NO. 262157



**LEGEND**

- MONITORING WELL (SHALLOW)      SHALLOW WELLS SCREEDED FROM -5 TO 20 FT BGS
- MONITORING WELL (DEEP)      DEEP WELLS SCREENED FROM -25 TO 30 FT BGS

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REVISED BY R. BRADFORD 12-18-06

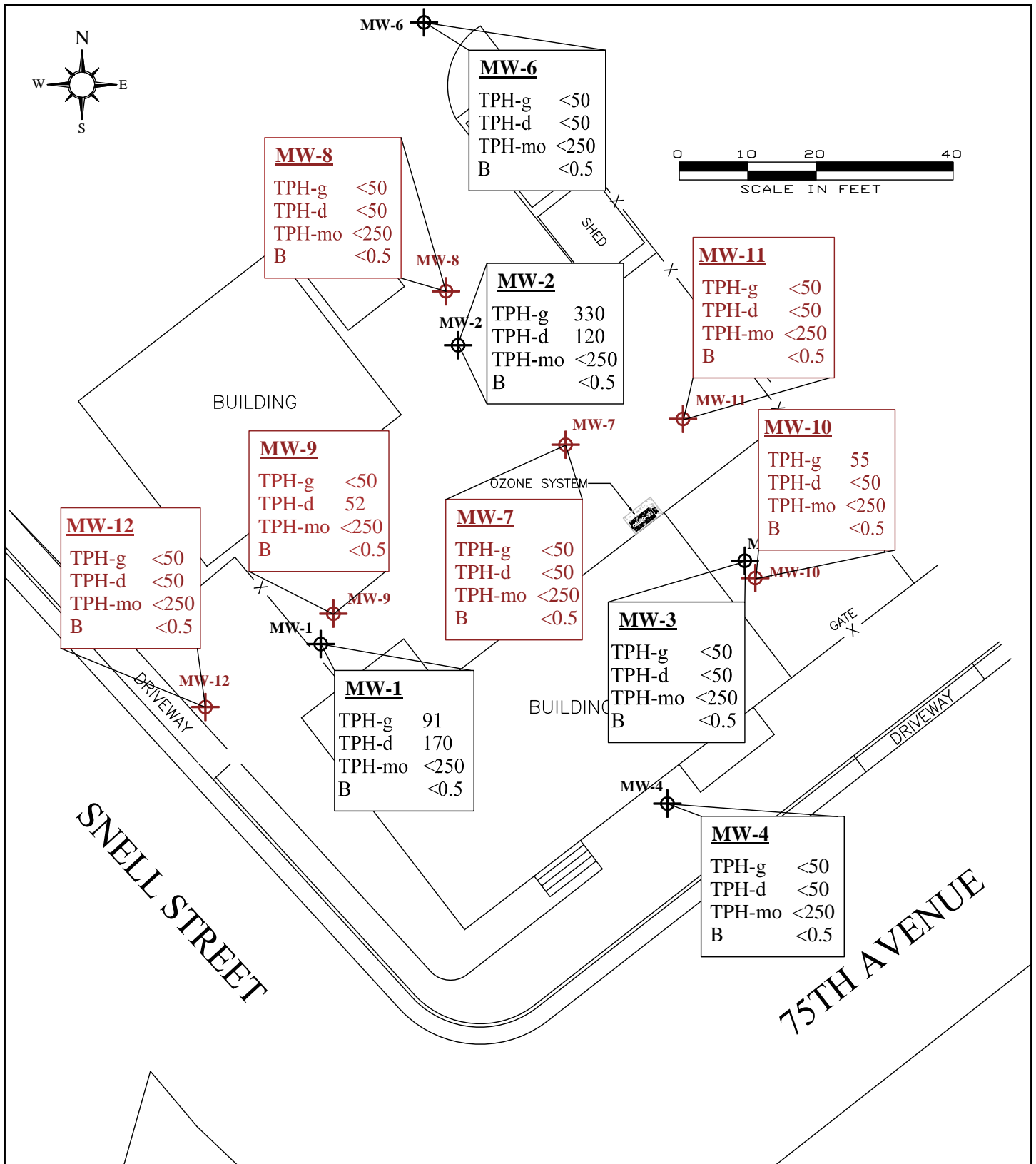
**AEI CONSULTANTS**

2500 CAMINO DIABLO, WALNUT CREEK



**GROUNDWATER ELEVATION CONTOURS  
DEEPER ZONE WELLS - 12/11/2009**

807 75th AVENUE  
OAKLAND, CALIFORNIA

**FIGURE 4**  
PROJECT NO. 262157



**LEGEND**

-  MONITORING WELL (SHALLOW)    SHALLOW WELLS SCREEDED FROM -5 TO 20 FT BGS
-  MONITORING WELL (DEEP)    DEEP WELLS SCREEDED FROM -25 TO 30 FT BGS

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 REVISED BY R. BRADFORD 12-18-06

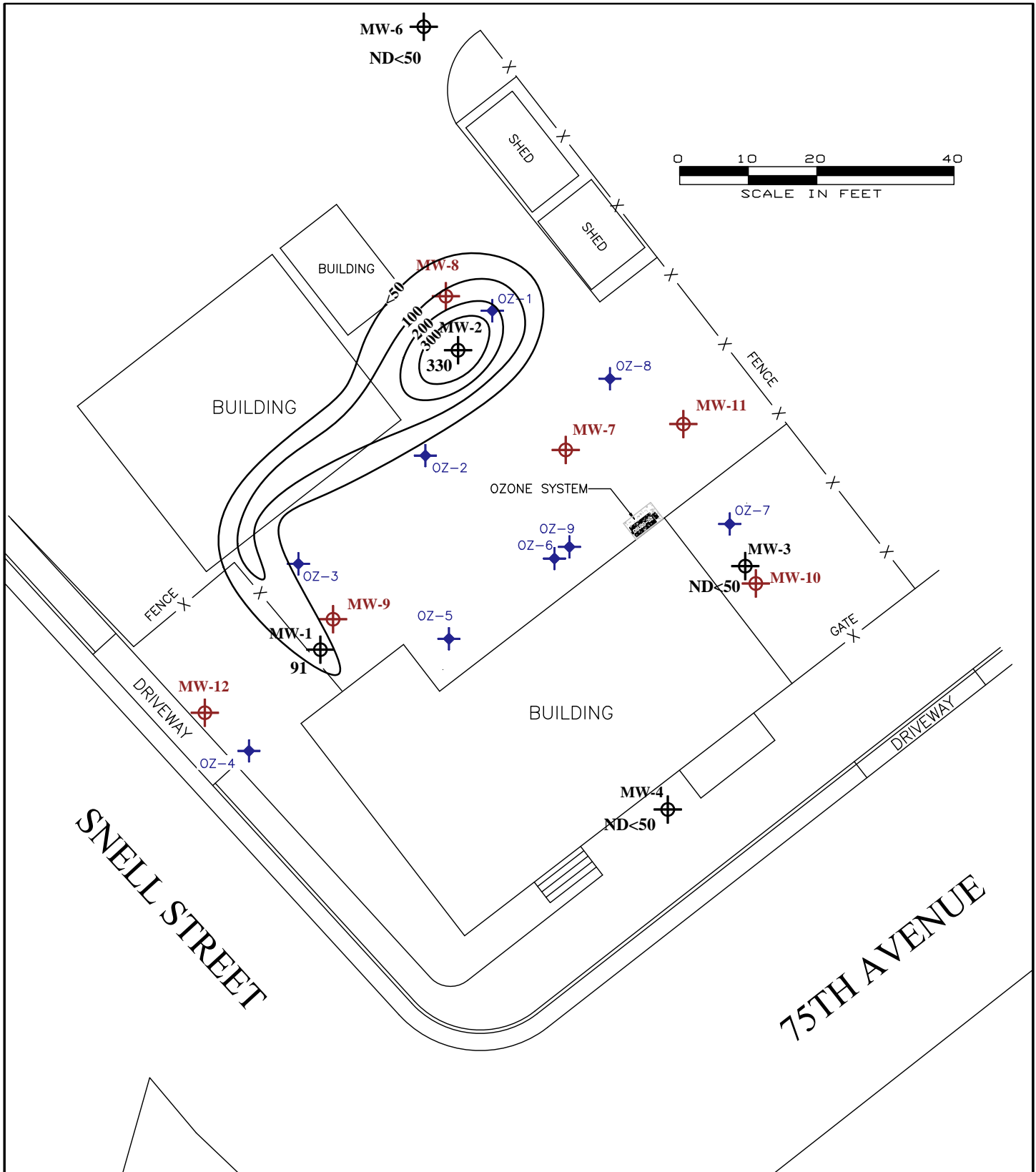
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2500 CAMINO DIABLO, WALNUT CREEK



GROUNDWATER ANALYTICALS (12/11/2009)

807 75th AVENUE  
 OAKLAND, CALIFORNIA

**FIGURE 5**  
 PROJECT NO. 262157



**LEGEND**

-  MONITORING WELL (SHALLOW) SHALLOW WELLS SCREENED FROM -5 TO 20 FT BGS
-  MONITORING WELL (DEEP) DEEP WELLS SCREENED FROM -25 TO 30 FT BGS

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 REVISED BY R. BRADFORD 12-18-06

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2500 CAMINO DIABLO, WALNUT CREEK

TPH-g ISOPLETHS - SHALLOW ZONE (12/11/2009)

807 75th AVENUE  
 OAKLAND, CALIFORNIA

**FIGURE 6**  
 PROJECT NO. 262157

# **TABLES**





**Table1: Monitoring Well Construction Details  
Omega Termite, 807 75th Ave., Oakland, CA**

Well ID	Date Installed	Box Elevation (feet)	Top of Casing (feet)	Water Depth 12/11/09	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 (feet)	Bentonite Seal (feet)	Grout Seal (feet)
MW-1	06/25/99	11.28	10.68	4.46	PVC	20	20	8 1/4	2	20.0-5.0	0.020	20.0-3.5	#3 sand	3.5-2.5	2.5-0.5
MW-2	06/25/99	12.55	12.15	5.87	PVC	20	20	8 1/4	2	20.0-5.0	0.020	20.0-3.5	#3 sand	3.5-2.5	2.5-0.5
MW-3	06/25/99	10.67	10.40	4.03	PVC	20	20	8 1/4	2	20.0-5.0	0.020	20.0-3.5	#3 sand	3.5-2.5	2.5-0.5
MW-4	06/25/99	10.56	10.31	6.07	PVC	20	20	8 1/4	2	20.0-5.0	0.020	20.0-3.5	#3 sand	3.5-2.5	2.5-0.5
TW-5	March 2000	Abandoned	12/20/06	---		10	10	NA	4	10.0-5.0	1/4" drilled	NA	NA	NA	2.0-0.5
MW-6	02/15/06	12.74	12.35	10.31	PVC	14	14	8 1/4	2	14.0-5.0	0.010	14.0-4.5	# 2/12	4.5-3.5	3.5-0.5
MW-7	02/16/06	11.64	11.16	4.34	PVC	33	33	8 1/4	2	33.0-26.0	0.010	33.0-25.0	# 2/12	25.0-23.0	23.0-0.5
MW-8	02/15/06	12.57	12.42	5.52	PVC	31	31	8 1/4	2	31.0-26.0	0.010	31.0-25.0	# 2/12	25.0-23.0	23.0-0.5
MW-9	02/16/06	11.41	11.22	5.10	PVC	30	30	8 1/4	2	30.0-25.0	0.010	30.0-24.0	# 2/12	24.0-22.0	22.0-0.5
MW-10	02/15/06	10.60	10.31	3.88	PVC	30	30	8 1/4	2	30.0-25.0	0.010	30.0-24.0	# 2/12	24.0-22.0	22.0-0.5
MW-11	12/18/06	11.14	10.96	4.12	PVC	35	35	8 1/4	2	35.0-25.0	0.010	35.0-23.0	# 2/12	23.0-21.0	21.0-0.5
MW-12	12/18/06	11.19	10.46	3.70	PVC	35	35	8 1/4	2	35.0-25.0	0.010	35.0-23.0	# 2/12	23.0-21.0	21.0-0.5

**Table 2: Groundwater Analytical Data  
Omega Termite, 807 75th Ave., Oakland, CA**

Sample ID	Sample Date	Depth to Water	TPH-g	TPH-d	TPH-mo	MTBE	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes
			EPA Method 8015			8260B	EPA Method 8021B				
			(µg/L)	(µg/L)	(µg/L)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
ESL - current or potential DW			100	100	100	5.0	5.0	1.0	40	30	20
ESL - not potential DW			210	210	210	1,800	1,800	46	130	43	100
<b>MW-1</b>	07/30/99	5.82	2,700	---	---	---	ND<10	920	5.5	18	130
	11/09/99	5.70	1,800	---	---	---	ND<20	430	1.5	26	60
	02/23/00	2.84	3,800	---	---	---	ND<10	1,500	56	78	35
	05/26/00	5.50	7,100	---	---	---	ND<10	2,800	70	220	81
	10/10/00	5.70	980	---	---	---	ND<5.0	260	2.9	10	11
	02/07/01	5.25	570	---	---	---	ND<5.0	150	1.8	4.9	9.3
	05/25/01	5.25	18,000	---	---	---	ND<100	3,800	350	550	620
	09/19/01	5.51	840	---	---	---	ND<5.0	190	4.0	4.6	5.3
	05/17/02	5.30	13,000	920	---	---	ND<5.0	4,500	29	50	58
	08/20/02	5.39	2,100	740	ND<5,000	---	ND<15	820	4.5	6.4	9.6
	01/10/03	4.11	95	260	ND<5,000	---	ND<5.0	23	0.66	3.9	6.5
	04/14/03	4.85	340	310	---	---	ND<5.0	87	1.3	4.3	5.6
	07/14/03	5.08	750	700	---	---	ND<10	420	0.84	3.7	6.0
	10/14/03	5.63	200	930	460.0	---	ND<5.0	62	0.83	2.2	2.7
	01/13/04	4.53	510	440	ND<250	---	ND<5.0	190	1.7	11	18.0
	04/15/04	5.14	740	490	ND<250	---	ND<10	240	ND<0.5	5.0	9.6
	07/15/04	5.42	250	420	260	---	ND<5.0	78	ND<0.5	5.0	4.4
	10/18/04	5.42	170	510	290	---	ND<5.0	33	0.75	1.7	3.5
	01/25/05	4.47	240	390	ND<250	---	ND<5.0	86	0.82	1.3	3.0
	04/19/05	4.66	5,100	460	ND<250	---	ND<50	2,100	5.2	13	84
	07/18/05	4.91	3,300	700	350	---	ND<45	1,500	2.8	13	24
	10/18/05	5.24	560	550	330	---	ND<5.0	190	ND<0.5	3.0	8.6
	01/11/06	4.08	240	270	ND<250	---	ND<5.0	93	ND<0.5	1.3	3.4
	03/13/06	3.76	840	260	ND<250	0.89	ND<5.0	330	1.3	5.1	17
	06/15/06	4.79	3,200	640	320	---	ND<25	1,400	3.1	10	71
	09/21/06	5.38	3,500	550	270	---	ND<25	1,700	ND<2.5	14	23
	01/02/07	4.64	410	240	ND<250	---	ND<5.0	150	0.55	1.0	7
	06/06/07	5.54	2,500	540	300	---	ND<20	910	3.4	7.7	55
	07/11/07	5.43	2,000	450	ND<250	---	ND<10	620	1.5	5.9	31
	10/04/07	5.32	500	440	260	---	ND<5.0	140	ND<0.5	1.8	8
	01/18/08	4.58	4,400	560	260	---	ND<25	1,300	2.5	11.0	84
	03/25/08	5.00	980	450	ND<250	---	ND<10	270	1.4	6.6	13
	07/24/08	5.23	300	440	ND<250	---	ND<10	40	2.4	6.0	2.7
	10/31/08	5.35	1,600	490	ND<250	---	ND<17	530	5.5	4.1	22
	01/27/08	4.91	74	220	ND<250	---	ND<5.0	11	1.1	ND<0.5	ND<0.5
	05/04/09	4.70	100	240	ND<250	---	ND<5.0	6.9	1.4	ND<0.5	0.90
	<b>12/11/09</b>	<b>4.46</b>	<b>91</b>	<b>170</b>	<b>ND&lt;250</b>	<b>---</b>	<b>ND&lt;5.0</b>	<b>ND&lt;0.5</b>	<b>1.3</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>

**Table 2: Groundwater Analytical Data  
Omega Termite, 807 75th Ave., Oakland, CA**

Sample ID	Sample Date	Depth to Water	TPH-g	TPH-d	TPH-mo	MTBE	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes
			EPA Method 8015			8260B	EPA Method 8021B				
			(µg/L)	(µg/L)	(µg/L)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
ESL - current or potential DW			100	100	100	5.0	5.0	1.0	40	30	20
ESL - not potential DW			210	210	210	1,800	1,800	46	130	43	100
<b>MW-2</b>	07/30/99	6.64	1,200	---	---	---	ND<10	29	2.5	51	100
	11/09/99	6.42	1,300	---	---	---	ND<30	26	1.1	55	32
	02/23/00	3.31	5,000	---	---	---	ND<10	200	18	390	440
	05/26/00	6.34	2,700	---	---	---	ND<10	69	13	83	68
	10/10/00	6.52	810	---	---	---	ND<10	17	4.7	42	46
	02/07/01	5.90	2,600	---	---	---	ND<10	70	15	80	100
	05/25/01	6.08	2,400	---	---	---	ND<5.0	75	16	85	100
	09/19/01	6.53	1,200	---	---	---	ND<5.0	10	8.5	46	55
	02/06/02	5.72	1,800	---	---	---	ND<50	14	11	58	59
	05/17/02	6.17	2,000	860	---	---	8.1	19	1.1	0.75	88
	01/10/03	5.12	2,000	910	ND<5000	---	ND<50	11	11	96	100
	04/14/03	4.98	2,400	800	-	---	ND<10	16	10	100	73
	07/14/03	5.99	1,900	970	-	---	ND<15	18	4.8	79	78
	10/14/03	6.43	1,600	1,300	ND<250	---	ND<10	14	5.9	87	78
	01/13/04	5.72	2,900	960	ND<250	---	ND<50	26	13	190	150
	04/15/04	6.02	2,700	1,100	ND<250	---	ND<15	28	11	120	100
	07/15/04	5.27	2,300	1,000	ND<250	---	ND<10	8.8	3.8	96	84
	10/18/04	5.27	2,400	910	ND<250	---	ND<10	8.6	8.9	68	72
	01/25/05	5.41	3,500	1,200	ND<250	---	ND<50	21	11	170	120
	04/19/05	5.61	3,400	1,700	ND<250	---	ND<15	15	7.4	150	94
	07/18/05	5.84	3,400	1,400	ND<250	---	ND<5.0	11	9.7	100	89
	10/18/05	6.17	3,000	2,000	270	---	ND<5.0	8.4	6.7	88	86
	01/11/06	5.11	3,400	1,700	ND<250	---	ND<90	18	9.4	170	87
	03/13/06	5.24	3,400	1,200	ND<250	0.76	ND<50	20	9.4	110	80
	06/15/06	6.23	2,200	2,400	270	---	ND<10	8.4	ND<1.0	81	72
	09/20/06	6.63	2,400	860	ND<250	---	ND<50	12	13	46	65
	01/02/07	6.09	3,800	2,100	ND<250	---	ND<25	11	7.6	110	120
	06/06/07	6.57	3,800	1,500	ND<250	---	ND<20	17	17	75	58
	07/11/07	6.59	5,300	2,900	480	---	ND<17	10	8	47	72
	10/04/07	6.63	660	1,300	ND<250	---	ND<5.0	1.8	0.83	40	45
	01/18/08	6.06	2,200	3,200	350	---	ND<5.0	1.1	3.40	26	40
	03/25/08	6.45	420	300	ND<250	---	ND<5.0	1.1	5.1	0.80	3.6
	07/24/08	6.58	570	190	ND<250	---	ND<5.0	2.5	6.9	1.6	2.1
	10/31/08	6.81	82	180	ND<250	---	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	01/27/08	6.30	380	140	ND<250	---	ND<5.0	ND<0.5	7.1	0.50	ND<0.5
	05/04/09	6.05	450	120	ND<250	---	ND<5.0	0.97	3.9	7.1	4.6
	<b>12/11/09</b>	<b>5.87</b>	<b>330</b>	<b>120</b>	<b>ND&lt;250</b>	<b>---</b>	<b>ND&lt;5.0</b>	<b>ND&lt;0.5</b>	<b>5.9</b>	<b>1.0</b>	<b>0.72</b>

**Table 2: Groundwater Analytical Data  
Omega Termite, 807 75th Ave., Oakland, CA**

Sample ID	Sample Date	Depth to Water	TPH-g	TPH-d	TPH-mo	MTBE	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes
			EPA Method 8015			8260B	EPA Method 8021B				
			(µg/L)	(µg/L)	(µg/L)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
ESL - current or potential DW			100	100	100	5.0	5.0	1.0	40	30	20
ESL - not potential DW			210	210	210	1,800	1,800	46	130	43	100
<b>MW-3</b>	07/30/99	5.35	2,700	---	---	---	ND<10	220	15	130	230
	11/09/99	5.11	3,100	---	---	---	15	440	8.8	150	96
	02/23/00	2.37	1,800	---	---	---	ND<15	180	11	82	79
	05/26/00	4.98	1,600	---	---	---	6.4	140	10	69	63
	10/10/00	5.24	1,100	---	---	---	ND<10	110	4.4	63	51
	02/07/01	4.73	1,100	---	---	---	ND<10	130	5.1	68	65
	05/25/01	4.73	1,200	---	---	---	ND<6.0	120	5.4	69	64
	09/19/01	5.07	800	---	---	---	<5.0	78	3.5	52	37
	02/06/02	4.69	1,100	---	---	---	ND<10	130	4.7	77	71
	05/17/02	4.80	2,800	810	---	2.0	ND<50	410	23	160	210
	08/20/02	4.97	780	270	ND<5000	---	ND<10	110	2.8	63	41
	01/10/03	3.59	1,100	510	ND<5000	---	ND<20	160	3.4	98	84
	04/14/03	5.40	690	230	-	---	ND<5.0	60	2.3	44	34
	07/14/03	4.69	900	380	-	---	ND<5.0	130	2.0	70	43
	10/14/03	5.16	500	200	ND<250	---	ND<10	50	2.3	37	18
	01/13/04	4.15	1,500	400	ND<250	---	ND<30	200	6.2	120	88
	04/15/04	4.73	1,100	280	ND<250	---	ND<15	130	3.7	75	53
	07/15/04	5.03	610	240	ND<250	---	ND<5.0	73	2.1	51	29
	10/18/04	5.03	370	270	ND<250	---	ND<5.0	45	1.2	47	28
	01/25/05	4.13	840	300	ND<250	---	ND<5.0	85	2.4	68	45
	04/19/05	4.23	1,100	380	ND<250	---	ND<5.0	140	4.0	95	59
	07/18/05	4.66	740	290	ND<250	---	ND<5.0	98	2.0	70	35
	10/18/05	4.82	420	220	ND<250	---	ND<5.0	38	1.1	35	16
	01/11/06	3.73	740	260	ND<250	---	ND<5.0	75	2.5	60	32
	03/13/06	3.76	1,300	380	ND<250	1.1	ND<17	90	2.5	87	72
	06/15/06	4.38	670	300	ND<250	---	ND<5.0	76	1.3	60	40
	09/20/09	4.84	510	300	310	---	ND<17	49	ND<1.7	50	36
	01/02/07	4.73	380	180	ND<250	---	ND<5.0	33	1.3	32	17
	06/06/07	4.70	460	230	ND<250	---	ND<5.0	40	1.9	39	22
	10/04/07	4.75	320	230	ND<250	---	ND<5.0	28	ND<0.5	29	17
	01/18/08	4.16	470	200	ND<250	---	ND<5.0	29	1.5	34	20
	03/25/08	4.59	ND<50	63	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	07/24/08	4.77	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	10/31/08	4.94	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	01/27/08	4.52	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	05/04/09	4.46	ND<50	ND<50	ND<250	--	ND<5.0	0.53	ND<0.5	ND<0.5	ND<0.5
	<b>12/11/09</b>	<b>4.03</b>	<b>ND&lt;50</b>	<b>ND&lt;50</b>	<b>ND&lt;250</b>	<b>--</b>	<b>ND&lt;5.0</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>

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Omega Termite, 807 75th Ave., Oakland, CA**

Sample ID	Sample Date	Depth to Water	TPH-g	TPH-d	TPH-mo	MTBE	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes
			EPA Method 8015			8260B	EPA Method 8021B				
			(µg/L)	(µg/L)	(µg/L)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
ESL - current or potential DW			100	100	100	5.0	5.0	1.0	40	30	20
ESL - not potential DW			210	210	210	1,800	1,800	46	130	43	100
<b>MW-4</b>	07/30/99	5.45	340	---	---	---	ND<10	57	2.2	8.5	6.8
	11/09/99	5.31	1,000	---	---	---	ND<10	220	<0.5	17	7.1
	02/23/00	2.72	980	---	---	---	ND<5.0	260	7	33	27
	05/26/00	5.07	760	---	---	---	5.7	170	4.8	22	13
	10/10/00	5.32	520	---	---	---	ND<10	130	2.3	22	10
	02/07/01	4.73	680	---	---	---	ND<8.0	180	3.7	29	21
	05/25/01	4.90	1,700	---	---	---	ND<10	510	9.6	44	46
	09/19/01	5.16	680	---	---	---	ND<10	200	2.6	33	12
	02/06/02	4.65	710	---	---	---	ND<15	220	2.8	40	21
	05/17/02	4.90	1,300	190	---	3.3	ND<10	330	5.6	61	51
	08/20/02	5.02	580	120	ND<5,000	---	ND<5.0	160	1.7	34	13
	01/10/03	3.78	800	85	ND<5,000	---	ND<20	240	2.5	46	28
	04/14/03	4.11	850	120	---	---	ND<10	220	2.7	47	26
	07/14/03	4.75	780	170	---	---	ND<20	220	1.4	44	23
	10/14/03	5.25	420	110	ND<250	---	ND<5.0	120	0.95	31	8.2
	01/13/04	4.07	120	69	ND<250	---	ND<10	30	0.52	8.1	4.7
	04/15/04	4.70	660	120	ND<250	---	ND<25	200	2.2	39	24
	07/15/04	5.09	500	92	ND<250	---	ND<5.0	130	1.3	35	15
	10/18/04	5.09	350	18	ND<250	---	ND<5.0	76	0.68	22	4.9
	01/25/05	4.02	580	110	ND<250	---	ND<5.0	140	1.2	37	20
	04/19/05	4.17	790	130	ND<250	---	ND<5.0	200	1.7	51	28
	07/18/05	4.49	490	140	ND<250	---	ND<5.0	140	0.99	36	11
	10/18/05	4.83	320	84	ND<250	---	ND<5.0	72	0.59	20	4.4
	01/11/06	3.58	310	98	ND<250	---	ND<5.0	88	0.65	26	9.0
	03/13/06	3.58	490	77	ND<250	1.9	ND<5.0	92	0.88	31	15
	06/15/06	4.37	460	86	ND<250	---	ND<25	93	ND<0.5	29	9.2
	09/20/06	4.86	260	170	360	---	ND<10	63	ND<0.5	23	4.7
	01/02/07	4.17	160	78	ND<250	---	ND<5.0	27	ND<0.5	10	2.0
	06/06/07	4.68	190	59	ND<250	---	ND<5.0	40	ND<0.5	14	3.6
	10/04/07	4.78	180	ND<50	ND<250	---	ND<5.0	44	ND<0.5	12	2.2
	01/18/08	4.07	100	ND<50	ND<250	---	ND<5.0	18	ND<0.5	6	1.4
	03/25/08	4.61	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	07/24/08	4.78	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	10/31/08	4.90	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	01/27/08	4.47	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	05/04/09	4.19	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	<b>12/11/09</b>	<b>4.08</b>	<b>ND&lt;50</b>	<b>ND&lt;50</b>	<b>ND&lt;250</b>	<b>--</b>	<b>ND&lt;5.0</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>

**Table 2: Groundwater Analytical Data  
Omega Termite, 807 75th Ave., Oakland, CA**

Sample ID	Sample Date	Depth to Water	TPH-g	TPH-d	TPH-mo	MTBE	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes
			EPA Method 8015			8260B	EPA Method 8021B				
			(µg/L)	(µg/L)	(µg/L)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
ESL - current or potential DW			100	100	100	5.0	5.0	1.0	40	30	20
ESL - not potential DW			210	210	210	1,800	1,800	46	130	43	100
<b>TW-5</b>	10/10/00	---	5,800	2,900	ND<250	---	ND<50	650	60	190	230
	02/07/01	---	720	650	450	---	ND<5.0	6.0	4.5	3.2	4.5
	05/25/01	---	370	420	ND<250	---	ND<5.0	13.0	4.1	1.6	1.3
	09/19/01	6.59	15,000	2,700,000 <sup>1</sup>	1,100,000 <sup>1</sup>	---	530	29	2.7	14	240
	02/06/02	---	280	55,000	18,000 <sup>1</sup>	---	ND<5.0	2.3	0.74	ND<0.5	0.70
	05/17/02	6.56	480	41,000	---	ND<5.0	ND<5.0	1.6	1.1	0.8	ND<0.5
	08/20/02	6.62	240	21,000	ND<5,000	---	ND<5.0	8.0	1.2	1.1	0.54
	01/10/03	4.66	ND<50	1,300	ND<5,000	---	ND<5.0	5.4	0.58	ND<0.5	1.10
	4/14/2003	5.30	160	2,300	---	---	ND<5.0	18	5.7	5.9	16
	7/14/2003	5.84	100	16,000	---	---	ND<5.0	1.2	0.77	0.63	1.2
	10/14/03	6.08	120	10,000	4,600	---	ND<5.0	1.6	1.6	ND<0.5	1.2
	01/13/04	4.83	110	2,100	1,400	---	ND<5.0	8.4	1.2	ND<0.5	3.9
	04/15/04	5.64	170	2,200	1,100	---	ND<5.0	2.5	1.2	ND<0.5	5.1
	07/15/04	5.89	81	3,000	1,600	---	ND<5.0	5	1.3	0.85	4.1
	10/18/04	5.89	230	3,700	1,600	---	ND<5.0	0.54	3.4	ND<0.5	0.93
	01/25/05	5.13	63	750	640	---	ND<5.0	ND<0.5	0.78	ND<0.5	1.3
	04/19/05	5.27	ND<50	1,100	660	---	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	07/18/05	5.76	ND<50	770	490	---	ND<5.0	ND<0.5	0.88	ND<0.5	ND<0.5
	10/18/05	6.04	78	1,600	1,100	---	ND<5.0	ND<0.5	1.6	ND<0.5	ND<0.5
	01/11/06	4.72	ND<50	680	550	ND<0.5	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
03/13/06	4.51	ND<50	180	260	ND<0.5	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
<b>01/02/07 Well Destroyed 12/20/06</b>											
<b>MW-6</b>	03/13/06	5.69	87	160	310	ND<0.5	ND<5.0	ND<0.5	0.83	1.3	0.80
	06/15/09	6.50	ND<50	110	ND<250	---	ND<5.0	ND<0.5	ND<0.5	1.0	0.58
	09/20/06	6.84	ND<50	59	ND<250	---	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	01/02/07	6.44	ND<50	120	ND<250	---	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	06/06/07	6.82	ND<50	76	ND<250	---	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	10/04/07	6.83	ND<50	100	ND<250	---	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	01/18/08	6.39	ND<50	130	ND<250	---	ND<5.0	ND<0.5	ND<0.5	1.3	ND<0.5
	03/25/08	6.61	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	07/24/08	6.79	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	10/31/08	6.92	ND<50	ND<50	ND<250	--	5.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	01/27/08	6.32	ND<50	ND<50	ND<250	--	5.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	05/04/09	6.40	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	<b>12/11/09</b>	<b>6.07</b>	<b>ND&lt;50</b>	<b>ND&lt;50</b>	<b>ND&lt;250</b>	<b>--</b>	<b>5.3</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>

**Table 2: Groundwater Analytical Data  
Omega Termite, 807 75th Ave., Oakland, CA**

Sample ID	Sample Date	Depth to Water	TPH-g	TPH-d	TPH-mo	MTBE	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes
			EPA Method 8015			8260B	EPA Method 8021B				
			(µg/L)	(µg/L)	(µg/L)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
ESL - current or potential DW			100	100	100	5.0	5.0	1.0	40	30	20
ESL - not potential DW			210	210	210	1,800	1,800	46	130	43	100
<b>MW-7</b>	03/13/06	3.36	460	3,500	360	ND<0.5	ND<5.0	2.5	1.0	ND<0.5	3.3
	06/15/09	3.95	ND<50	520	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	09/20/06	4.77	ND<50	150	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	01/02/07	4.17	ND<50	99	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	06/06/07	4.69	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	07/11/07	---	67	150	ND<250	--	ND<5.0	17	ND<0.5	ND<0.5	ND<0.5
	10/04/07	5.15	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	01/18/08	4.15	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	03/25/08	4.33	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	07/24/08	4.98	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	10/31/08	5.29	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	01/27/08	4.69	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	05/04/09	4.07	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
<b>12/11/09</b>	<b>4.34</b>	<b>ND&lt;50</b>	<b>ND&lt;50</b>	<b>ND&lt;250</b>	<b>--</b>	<b>ND&lt;5.0</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>	
<b>MW-8</b>	03/13/06	4.64	280	130	ND<250	ND<0.5	ND<5.0	ND<0.5	2.0	ND<0.5	1.3
	06/15/09	5.21	ND<50	140	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	09/20/06	6.03	ND<50	65	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	01/02/07	5.97	ND<50	70	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	06/06/07	5.93	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	10/04/07	6.64	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	01/18/08	5.35	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	03/25/08	5.67	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	07/24/08	6.28	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	10/31/09	6.42	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	01/27/08	6.16	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	05/04/09	5.29	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	<b>12/11/09</b>	<b>5.52</b>	<b>ND&lt;50</b>	<b>ND&lt;50</b>	<b>ND&lt;250</b>	<b>--</b>	<b>ND&lt;5.0</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>
<b>MW-9</b>	03/13/06	4.32	1,100	14,000 <sup>1</sup>	4,100	2.4	ND<5.0	85	1.8	0.64	100
	06/15/09	5.35	460	2,100	710	--	ND<5.0	170	0.73	1.3	8.3
	09/21/06	5.81	130	1,400	460	--	ND<5.0	20	1.2	ND<0.5	2.6
	01/02/06	5.19	88	4,300	1,000	--	ND<5.0	5.1	0.67	ND<0.5	ND<0.5
	06/06/07	5.67	64	320	250	--	ND<5.0	12	ND<0.5	ND<0.5	ND<0.5
	10/04/07	5.89	ND<50	140	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	01/18/08	5.13	250	160	ND<250	--	ND<5.0	100	ND<0.5	1.3	7.6
	03/25/08	5.56	740	210	ND<250	--	10.0	290	1.5	2.6	16
	07/24/08	5.75	680	230	ND<250	--	ND<10	330	0.69	2.4	7.0
	10/31/08	6.88	62	130	ND<250	--	ND<5.0	20	ND<0.5	ND<0.5	ND<0.5
	01/27/08	5.42	ND<50	100	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	05/04/09	5.17	190	ND<50	ND<250	--	ND<5.0	85	ND<0.5	0.66	1.8
	<b>12/11/09</b>	<b>5.10</b>	<b>&lt;50</b>	<b>52</b>	<b>ND&lt;250</b>	<b>--</b>	<b>ND&lt;5.0</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>

**Table 2: Groundwater Analytical Data  
Omega Termite, 807 75th Ave., Oakland, CA**

Sample ID	Sample Date	Depth to Water	TPH-g	TPH-d	TPH-mo	MTBE	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes
			EPA Method 8015			8260B	EPA Method 8021B				
			(µg/L)	(µg/L)	(µg/L)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
ESL - current or potential DW			100	100	100	5.0	5.0	1.0	40	30	20
ESL - not potential DW			210	210	210	1,800	1,800	46	130	43	100
<b>MW-10</b>	03/13/06	3.28	ND<50	220	ND<250	2.7	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	06/15/09	4.38	ND<50	300	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	09/21/06	4.79	ND<50	280	460	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	01/02/07	4.66	ND<50	230	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	06/06/07	---	ND<50	230	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	10/04/07	4.74	ND<50	120	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	01/18/08	3.92	79	220	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	03/25/08	4.06	340	82	ND<250	--	ND<5.0	0.95	ND<0.5	ND<0.5	1.1
	07/24/08	4.78	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	10/31/08	4.78	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	01/27/08	4.32	130	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	05/04/09	4.06	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	<b>12/11/09</b>	<b>3.88</b>	<b>55</b>	<b>ND&lt;50</b>	<b>ND&lt;250</b>	<b>--</b>	<b>ND&lt;5.0</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>
<b>MW-11</b>	01/02/07	3.94	160	2,700	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	1.7
	6//06/07	4.51	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	07/11/07	4.95	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	10/04/07	5.03	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	01/18/08	3.92	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	03/25/08	4.06	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	07/24/08	4.06	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	10/31/08	5.05	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	01/27/08	4.45	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	05/04/09	3.85	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	<b>12/11/09</b>	<b>4.12</b>	<b>ND&lt;50</b>	<b>ND&lt;50</b>	<b>ND&lt;250</b>	<b>--</b>	<b>ND&lt;5.0</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>
<b>MW-12</b>	01/02/07	3.43	53	130	ND<250	--	1.4	ND<0.5	ND<0.5	ND<0.5	0.95
	06/06/07	3.81	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<5.0
	10/04/07	4.38	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<5.0
	01/18/08	3.32	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<5.0
	03/25/08	3.62	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<5.0
	07/24/08	4.28	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<5.0
	10/31/08	4.60	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<5.0
	01/27/08	3.89	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	05/04/09	3.12	ND<50	ND<50	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	<b>12/11/09</b>	<b>3.70</b>	<b>ND&lt;50</b>	<b>ND&lt;50</b>	<b>ND&lt;250</b>	<b>--</b>	<b>ND&lt;5.0</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>	<b>ND&lt;0.5</b>

TPH-g = total petroleum hydrocarbons as gasoline  
 TPH-d = total petroleum hydrocarbons as diesel  
 TPH-mo = total petroleum hydrocarbons as motor oil  
 MTBE = methyl tert-butyl ether

l = light non-aqueous phase liquid  
 µg/L = micrograms per liter (parts per billion)  
 ----- not sampled  
 ND = not detected



**Table 3: Groundwater Elevation Data  
Omega Termite, 807 75th Ave., Oakland, CA**

Well ID	Date	Well Elevation * (ft amsl)	Depth to Water (ft)	Groundwater Elevation (ft amsl)	Elevation Change (ft)
MW-1	07/30/99	10.68	5.82	4.86	----
	11/09/99	10.68	5.70	4.98	0.12
	02/23/00	10.68	2.84	7.84	2.86
	05/26/00	10.68	5.50	5.18	-2.66
	10/10/00	10.68	5.70	4.98	-0.20
	02/07/01	10.68	5.25	5.43	0.45
	05/25/01	10.68	5.25	5.43	0.00
	09/19/01	10.68	5.51	5.17	-0.26
	02/06/02	10.68	NM	NM	NM
	05/17/02	10.68	5.30	5.38	----
	08/20/02	10.68	5.39	5.29	-0.09
	01/10/03	10.68	4.11	6.57	1.28
	04/14/03	10.68	4.85	5.83	-0.74
	07/14/03	10.68	5.08	5.60	-0.23
	10/14/03	10.68	5.63	5.05	-0.55
	01/13/04	10.68	4.53	6.15	1.10
	04/15/04	10.68	5.14	5.54	-0.61
	07/15/04	10.68	5.42	5.26	-0.28
	10/18/04	10.68	5.24	5.44	0.18
	01/25/05	10.68	4.47	6.21	0.77
	04/19/05	10.68	4.66	6.02	-0.19
	07/18/05	10.68	4.91	5.77	-0.25
	10/18/05	10.68	5.24	5.44	-0.33
	11/03/05	10.68	5.31	5.37	-0.07
	01/11/06	10.68	4.08	6.60	1.23
	03/13/06	10.68	3.76	6.92	0.32
	06/15/06	10.68	4.79	5.89	-1.03
	09/20/06	10.68	5.38	5.30	-0.59
	01/02/07	10.68	4.64	6.04	0.74
	6/6/2007	10.68	5.14	5.54	-0.50
	10/04/07	10.68	5.32	5.36	-0.18
01/18/08	10.68	4.58	6.10	0.74	
03/25/08	10.68	5.00	5.68	-0.42	
07/24/08	10.68	5.23	5.45	-0.23	
10/31/08	10.68	5.35	5.33	-0.12	
01/27/09	10.68	4.91	5.77	0.44	
05/04/09	10.68	4.70	5.98	0.21	
<b>12/11/09</b>	<b>10.68</b>	<b>4.46</b>	<b>6.22</b>	<b>0.24</b>	
MW-2	07/30/99	12.15	6.64	5.51	----
	11/09/99	12.15	6.42	5.73	0.22
	02/23/00	12.15	3.31	8.84	3.11
	05/26/00	12.15	6.34	5.81	-3.03
	10/10/00	12.15	6.52	5.63	-0.18
	02/07/01	12.15	5.90	6.25	0.62
	05/25/01	12.15	6.08	6.07	-0.18
	09/19/01	12.15	6.53	5.62	-0.45
	02/06/02	12.15	5.72	6.43	0.81

**Table 3: Groundwater Elevation Data  
Omega Termite, 807 75th Ave., Oakland, CA**

Well ID	Date	Well Elevation * (ft amsl)	Depth to Water (ft)	Groundwater Elevation (ft amsl)	Elevation Change (ft)
<b>MW-2 continued</b>	05/17/02	12.15	6.17	5.98	-0.45
	08/20/02	12.15	NM	NM	NM
	01/10/03	12.15	5.12	7.03	----
	04/14/03	12.15	4.98	7.17	0.14
	07/14/03	12.15	5.99	6.16	-1.01
	10/14/03	12.15	6.43	5.72	-0.44
	01/13/04	12.15	5.42	6.73	1.01
	04/15/04	12.15	6.02	6.13	-0.60
	07/15/04	12.15	5.27	6.88	0.75
	10/18/04	12.15	6.12	6.03	-0.85
	04/19/05	12.15	5.61	6.54	0.51
	07/18/05	12.15	5.84	6.31	-0.23
	10/19/05	12.15	6.17	5.98	-0.33
	11/03/05	12.15	6.21	5.94	-0.04
	01/11/06	12.15	5.11	7.04	1.10
	03/13/06	12.15	5.24	6.91	-0.13
	06/15/06	12.15	6.23	5.92	-0.99
	09/20/06	12.15	6.63	5.52	-0.40
	01/02/06	12.15	6.09	6.06	0.54
	6/6/2007	12.15	6.57	5.58	-0.48
	10/04/07	12.15	6.63	5.52	-0.06
	01/18/08	12.15	6.06	6.09	0.57
	03/25/08	12.15	6.45	5.70	-0.39
	07/24/08	12.15	6.58	5.57	-0.13
	10/31/08	12.15	6.81	5.34	-0.23
	01/27/09	12.15	6.30	5.85	0.51
	05/04/09	12.15	6.05	6.10	0.25
<b>12/11/09</b>		<b>12.15</b>	<b>5.87</b>	<b>6.28</b>	<b>0.18</b>
<b>MW-3</b>	07/30/99	10.40	5.35	5.05	----
	11/09/99	10.40	5.11	5.29	0.24
	02/23/00	10.40	2.37	8.03	2.74
	05/26/00	10.40	4.98	5.42	-2.61
	10/10/00	10.40	5.24	5.16	-0.26
	02/07/01	10.40	4.73	5.67	0.51
	05/25/01	10.40	4.73	5.67	0.00
	09/19/01	10.40	5.07	5.33	-0.34
	02/06/02	10.40	4.69	5.71	0.38
	05/17/02	10.40	4.80	5.60	-0.11
	08/20/02	10.40	4.97	5.43	-0.17
	01/10/03	10.40	3.59	6.81	1.38
	04/14/03	10.40	5.40	5.00	-1.81
	07/14/03	10.40	4.69	5.71	0.71
	10/14/03	10.40	5.16	5.24	-0.47
	01/13/04	10.40	4.15	6.25	1.01
	04/15/04	10.40	4.73	5.67	-0.58
	07/15/04	10.40	5.03	5.37	-0.30
	10/18/04	10.40	4.85	5.55	0.18

**Table 3: Groundwater Elevation Data  
Omega Termite, 807 75th Ave., Oakland, CA**

<b>Well ID</b>	<b>Date</b>	<b>Well Elevation *</b> <b>(ft amsl)</b>	<b>Depth to Water</b> <b>(ft)</b>	<b>Groundwater Elevation</b> <b>(ft amsl)</b>	<b>Elevation Change</b> <b>(ft)</b>
<b>MW-3</b> <b>continued</b>	01/25/05	10.40	4.13	6.27	0.72
	04/19/05	10.40	4.23	6.17	-0.10
	07/18/05	10.40	4.56	5.84	-0.33
	10/18/05	10.40	4.82	5.58	-0.26
	11/03/05	10.40	4.87	5.53	-0.05
	01/11/06	10.40	3.62	6.78	1.25
	03/13/06	10.40	3.47	6.93	0.15
	06/15/06	10.40	4.38	6.02	-0.91
	08/02/06	10.40	4.69	5.71	-0.31
	09/20/06	10.40	4.84	5.56	-0.15
	01/02/07	10.40	3.73	6.67	1.11
	6/6/2007	10.40	4.7	5.7	-0.97
	10/04/07	10.40	4.75	5.65	-0.05
	01/18/08	10.40	4.16	6.24	0.59
	03/25/08	10.40	4.59	5.81	-0.43
	07/24/08	10.40	4.77	5.63	-0.18
	10/31/08	10.40	4.94	5.46	-0.17
	01/27/09	10.40	4.52	5.88	0.42
	05/04/09	10.40	4.46	5.94	0.06
<b>12/11/09</b>	<b>10.40</b>	<b>4.03</b>	<b>6.37</b>	<b>0.43</b>	
<b>MW-4</b>	07/30/99	10.31	5.45	4.86	----
	11/09/99	10.31	5.31	5.00	0.14
	02/23/00	10.31	2.72	7.59	2.59
	05/26/00	10.31	5.07	5.24	-2.35
	10/10/00	10.31	5.32	4.99	-0.25
	02/07/01	10.31	4.73	5.58	0.59
	05/25/01	10.31	4.90	5.41	-0.17
	09/19/01	10.31	5.16	5.15	-0.26
	02/06/02	10.31	4.65	5.66	0.51
	05/17/02	10.31	4.90	5.41	-0.25
	08/20/02	10.31	5.02	5.29	-0.12
	01/10/03	10.31	3.78	6.53	1.24
	04/14/03	10.31	4.11	6.20	-0.33
	07/14/03	10.31	4.75	5.56	-0.64
	10/14/03	10.31	5.28	5.03	-0.53
	01/13/04	10.31	4.07	6.24	1.21
	04/15/04	10.31	4.70	5.61	-0.63
	07/15/04	10.31	5.09	5.22	-0.39
	10/18/04	10.31	4.86	5.45	0.23
	01/25/05	10.31	4.02	6.29	0.84
	04/19/05	10.31	4.17	6.14	-0.15
07/18/05	10.31	4.49	5.82	-0.32	
10/18/05	10.31	4.83	5.48	-0.34	
11/03/05	10.31	4.88	5.43	-0.05	

**Table 3: Groundwater Elevation Data  
Omega Termite, 807 75th Ave., Oakland, CA**

<b>Well ID</b>	<b>Date</b>	<b>Well Elevation * (ft amsl)</b>	<b>Depth to Water (ft)</b>	<b>Groundwater Elevation (ft amsl)</b>	<b>Elevation Change (ft)</b>
<b>MW-4 continued</b>	01/11/06	10.31	3.58	6.73	1.30
	03/13/06	10.31	3.28	7.03	0.30
	06/15/06	10.31	4.37	5.94	-1.09
	09/20/06	10.31	4.86	5.45	-0.49
	01/02/07	10.31	4.17	6.14	0.69
	6/6/2007	10.31	4.68	5.63	-0.51
	10/04/07	10.31	4.78	5.53	-0.10
	01/18/08	10.31	4.07	6.24	0.71
	03/25/08	10.31	4.61	5.70	-0.54
	07/24/08	10.31	4.78	5.53	-0.17
	10/31/08	10.31	4.79	5.52	-0.01
	01/27/09	10.31	4.47	5.84	0.32
	05/04/09	10.31	4.19	6.12	0.28
	<b>12/11/09</b>	<b>10.31</b>	<b>4.08</b>	<b>6.23</b>	<b>0.11</b>
<b>TW-5</b>	09/19/01	----	6.59	----	----
	05/17/02	----	6.56	----	0.03
	08/20/02	----	6.62	----	-0.06
	01/10/03	----	4.66	----	1.96
	04/14/03	----	5.30	----	-0.64
	07/14/03	----	5.84	----	-0.54
	07/14/03	----	5.84	----	0.00
	10/14/03	----	6.08	----	-0.24
	01/13/04	----	4.83	----	1.25
	04/15/04	----	5.64	----	-0.81
	07/15/04	----	5.89	----	-0.25
	10/18/04	----	5.95	----	-0.06
	01/25/05	----	5.13	----	0.82
	04/19/05	----	5.27	----	-0.14
	07/18/05	----	5.76	----	-0.49
	10/18/05	----	6.04	----	-0.28
	11/03/05	----	6.09	----	-0.05
	01/11/06	----	4.72	----	1.37
	04/26/06	----	5.02	----	#REF!
	<b>01/02/07</b>	<b>Well Destroyed 12/20/06</b>			
<b>MW-6</b>	03/13/06	12.35	5.69	6.66	----
	06/15/06	12.35	6.50	5.85	-0.81
	09/20/06	12.35	6.84	5.51	-0.34
	01/02/07	12.35	6.44	5.91	0.40
	6/6/2007	12.35	6.82	5.53	-0.38
	10/04/07	12.35	6.83	5.52	-0.01
	01/18/08	12.35	6.39	5.96	0.44
	03/25/08	12.35	6.61	5.74	-0.22
	07/24/08	12.35	6.79	5.56	-0.18
	10/31/08	12.35	6.92	5.43	-0.13
	01/27/09	12.35	6.32	6.03	0.60
	05/04/09	12.35	6.40	5.95	-0.08
	<b>12/11/09</b>	<b>12.35</b>	<b>6.07</b>	<b>6.28</b>	<b>0.33</b>

**Table 3: Groundwater Elevation Data  
Omega Termite, 807 75th Ave., Oakland, CA**

Well ID	Date	Well Elevation * (ft amsl)	Depth to Water (ft)	Groundwater Elevation (ft amsl)	Elevation Change (ft)
MW-7	03/13/06	11.16	3.36	7.80	----
	06/15/06	11.16	3.95	7.21	-0.59
	09/20/06	11.16	4.77	6.39	-0.82
	01/02/07	11.16	4.17	6.99	0.60
	6/6/2007	11.16	4.69	6.47	-0.52
	10/04/07	11.16	5.15	6.01	-0.46
	01/18/08	11.16	4.15	7.01	1.00
	03/25/08	11.16	4.33	6.83	-0.18
	07/24/08	11.16	4.98	6.18	-0.65
	10/31/08	11.16	5.29	5.87	-0.31
	01/27/09	11.16	4.69	6.47	0.60
	05/04/09	11.16	4.07	7.09	0.62
	<b>12/11/09</b>	<b>11.16</b>	<b>4.34</b>	<b>6.82</b>	<b>-0.27</b>
MW-8	03/13/06	12.42	4.64	7.78	----
	06/15/06	12.42	5.21	7.21	-0.57
	09/20/06	12.42	6.03	6.39	-0.82
	01/02/07	12.42	5.97	6.45	0.06
	6/6/2007	12.42	5.93	6.49	0.04
	10/04/07	12.42	6.64	5.78	-0.71
	01/18/08	12.42	5.35	7.07	1.29
	03/25/08	12.42	5.67	6.75	-0.32
	07/24/08	12.42	6.28	6.14	-0.61
	10/31/08	12.42	6.42	6.00	-0.14
	01/27/09	12.42	6.16	6.26	0.26
	05/04/09	12.42	5.29	7.13	0.87
	<b>12/11/09</b>	<b>12.42</b>	<b>5.52</b>	<b>6.90</b>	<b>-0.23</b>
MW-9	03/13/06	11.22	4.32	6.90	----
	06/15/06	11.22	5.35	5.87	-1.03
	08/02/06	11.22	5.70	5.52	-0.35
	09/20/06	11.22	5.81	5.41	-0.11
	01/02/07	11.22	5.19	6.03	0.62
	6/6/2007	11.22	5.67	5.55	-0.48
	10/04/07	11.22	5.89	5.33	-0.22
	01/18/08	11.22	5.13	6.09	0.76
	03/25/08	11.22	5.56	5.66	-0.43
	07/24/08	11.22	5.75	5.47	-0.19
	10/31/08	11.22	6.88	4.34	-1.13
	01/27/09	11.22	5.42	5.80	1.46
	05/04/09	11.22	5.17	6.05	0.25
<b>05/04/09</b>	<b>11.22</b>	<b>5.10</b>	<b>6.12</b>	<b>0.07</b>	

**Table 3: Groundwater Elevation Data  
Omega Termite, 807 75th Ave., Oakland, CA**

Well ID	Date	Well Elevation * (ft amsl)	Depth to Water (ft)	Groundwater Elevation (ft amsl)	Elevation Change (ft)
MW-10	03/13/06	10.31	3.28	7.03	----
	06/15/06	10.31	4.34	5.97	-1.06
	08/02/06	10.31	4.66	5.65	-0.32
	09/20/06	10.31	4.79	5.52	-0.13
	01/02/07	10.31	4.26	6.05	0.53
	6/6/2007	10.31	4.66	5.65	-0.40
	10/04/07	10.31	4.74	5.57	-0.08
	01/18/08	10.31	4.12	6.19	0.62
	03/25/08	10.31	4.42	5.89	-0.30
	07/24/08	10.31	4.78	5.53	-0.36
	01/27/09	10.31	4.32	5.99	0.46
	05/04/09	10.31	4.06	6.25	0.26
	<b>12/11/09</b>	<b>10.31</b>	<b>3.88</b>	<b>6.43</b>	<b>0.18</b>
MW-11	01/02/07	10.96	3.94	7.02	----
	6/6/2007	10.96	4.51	6.45	-0.57
	10/04/07	10.96	5.03	5.93	-0.52
	01/18/08	10.96	3.92	7.04	1.11
	03/25/08	10.96	4.06	6.90	-0.14
	07/24/08	10.96	4.78	6.18	-0.72
	10/31/08	10.96	5.05	5.91	-0.27
	01/27/09	10.96	4.45	6.51	0.60
	05/04/09	10.96	3.85	7.11	0.60
	<b>12/11/09</b>	<b>10.96</b>	<b>4.12</b>	<b>6.84</b>	<b>-0.27</b>
MW-12	01/02/07	10.46	3.43	7.03	----
	6/6/2007	10.46	3.81	6.65	-0.38
	10/04/07	10.46	4.38	6.08	-0.57
	01/18/08	10.46	3.32	7.14	1.06
	03/25/08	10.46	3.62	6.84	-0.30
	07/24/08	10.46	4.28	6.18	-0.66
	10/31/08	10.46	4.60	5.86	-0.32
	01/27/09	10.46	3.89	6.57	0.71
	05/04/09	10.46	3.12	7.34	0.77
	<b>12/11/09</b>	<b>10.46</b>	<b>3.70</b>	<b>6.76</b>	<b>-0.58</b>

\* Original wells surveyed 12/9/02 by Morrow Surveying, resurveyed on 3/02/06, 1/16/07 by Morrow Surveying

Depth to water measured from the top of well casing

NM - not monitored

ft amsl = feet above mean sea level

**Table 3a: Groundwater Elevation and Flow Direction Summary  
Omega Termite, 807 75th Ave., Oakland, CA**

Episode #	Date	Average Elevation (ft)	Elevation Change (ft)	Flow Direction / Gradient
1	07/30/99	5.07	-	
2	11/09/99	5.25	0.18	0.0056 / SW
3	02/23/00	8.08	2.83	0.008 / S
4	05/26/00	5.41	-2.66	0.003 / SW
5	10/10/00	5.19	-0.22	0.0036 / S
6	02/07/01	5.73	0.54	0.008 / S
7	05/25/01	5.65	-0.09	0.006 / S
8	09/19/01	5.32	-0.33	0.004 / S
9	02/06/02	5.93	0.62	0.005 / SE
10	05/17/02	5.59	-0.34	0.003 / SW
11	08/20/02	5.34	-0.26	0.002 / S
12	01/10/03	6.74	1.40	0.006 / E-NE
13	04/14/03	6.05	-0.69	0.016 / E-NE
14	07/14/03	5.76	-0.29	.0017 / S-SE
15	10/14/03	5.26	-0.50	0.003 / SE
16	01/13/04	6.34	1.08	0.001 / W
17	04/15/04	5.74	h	0.001 / W
18	07/15/04	5.68	-0.05	0.001 / W
19	10/18/04	5.62	-0.07	0.002 / N
20	01/25/05	6.33	0.71	0.002 / N
21	04/19/05	6.16	-0.17	0.001 / N
22	07/18/05	5.85	-0.31	0.0004 / S
23	10/18/05	5.61	-0.24	0.0017 / SW
24	01/11/06	6.79	1.18	0.0047 / N
25	3/13/06	6.57	-0.21	Shallow Zone .0004 / NW
	3/13/06	7.38	---	Deeper zone 0.036 / S
26	6/15/06	5.92	-0.65	Shallow Zone 0.0004 / NW
	6/15/06	6.40	-0.98	Deeper zone 0.06 / S
27	9/20/06	5.47	-0.46	Shallow Zone 0.005 / SW
	9/20/06	5.93	-0.47	Deeper zone 0.004/ S
28	1/2/07	6.16	0.70	Shallow Zone 0.0004 / NW
	1/2/07	6.52	0.59	Deeper Zone 0.06 / S
29	6/6/07	5.60	-0.57	Shallow Zone 0.0004 / NW
	6/6/07	6.21	-0.31	Deeper Zone 0.06 / S
30	10/4/07	5.52	-0.08	Shallow Zone 0.005 / SW
	10/4/07	5.72	-0.49	Deeper Zone 0.012/ S
31	1/18/08	6.17	0.65	Shallow Zone 0.003/ NW
	1/18/08	6.68	0.96	Deeper Zone .015/ SE
32	3/25/08	5.72	-0.45	Shallow Zone 0.003/ NW
	3/25/08	6.41	-0.27	Deeper Zone .015/ SE
32	7/24/08	5.55	-0.18	Shallow Zone 0.003/ NW
	7/24/08	5.85	-0.56	Deeper Zone 0.016/ S
33	10/31/08	5.41	-0.13	Shallow Zone 0.003/ NW
	10/31/08	5.53	-0.32	Deeper Zone 0.023/ SSE
34	1/27/09	5.84	0.42	Shallow Zone 0.003/ NW
	1/27/09	6.26	0.73	Deeper Zone 0.021/ SSE
35	5/4/09	6.04	0.20	Shallow Zone 0.0047/ NE
	5/4/09	6.73	0.47	Deeper Zone 0.033/ SSW
<b>36</b>	<b>12/11/09</b>	<b>6.28</b>	<b>0.24</b>	<b>Shallow Zone 0.003/ NE</b>
	<b>12/11/09</b>	<b>6.67</b>	<b>-0.06</b>	<b>Deeper Zone 0.033/ SSW</b>

Average water table elevation calculated using Microsoft Excel

Shallow Zone Wells: MW-1, MW-2, MW-3, MW-4, MW-6

Deeper Zone Wells: MW-7, MW-8, MW-9, MW-10, MW-11, MW-12

## **APPENDIX A**

# **MONITORING WELL FIELD SAMPLING FORMS**





**AEI CONSULTANTS**  
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

**Monitoring Well Number: MW-1**

Project Name:	Omega Termite (Q4, 2009)	Date of Sampling:	12/11/2009
Job Number:	262157	Name of Sampler:	A Nieto
Project Address:	807 75th Avenue Oakland		

**MONITORING WELL DATA**

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK ▼		
Elevation of Top of Casing (feet above msl)	10.68		
Depth of Well	20.00		
Depth to Water (from top of casing)	4.46		
Water Elevation (feet above msl)	6.22		
Well Volumes Purged	Micropurge		
Actual Volume Purged (liters)	3.0		
Appearance of Purge Water	Clear		
Free Product Present?	No	Thickness (ft):	NA

**GROUNDWATER SAMPLES**

Number of Samples/Container Size				2 - 40ml VOAs, 1 L Amber			
Time	Vol Removed (liters)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	0.0	16.97	5.70	1029	10.51	-47.2	Clear
	1.0	17.61	5.57	1044	1.73	-50.9	Clear
	1.5	17.81	5.60	1050	1.20	-53.4	Clear
	2.0	18.00	5.64	1056	0.80	-57.7	Clear
	3.0	18.01	6.65	1056	0.74	-58.8	Clear

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

Clear, slight hydrocarbon odor

**AEI CONSULTANTS**  
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

**Monitoring Well Number: MW-2**

Project Name:	Omega Termite (Q4, 2009)	Date of Sampling:	12/11/2009
Job Number:	262157	Name of Sampler:	A Nieto
Project Address:	807 75th Avenue Oakland		

**MONITORING WELL DATA**

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK ▼		
Elevation of Top of Casing (feet above msl)	12.15		
Depth of Well	20.00		
Depth to Water (from top of casing)	5.87		
Water Elevation (feet above msl)	6.28		
Well Volumes Purged	Micropurge		
Actual Volume Purged (liters)	3.0		
Appearance of Purge Water	Clear		
Free Product Present?	No	Thickness (ft):	NA

**GROUNDWATER SAMPLES**

Number of Samples/Container Size				2 - 40ml VOAs, 1 L Amber			
Time	Vol Removed (liters)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	0.0	18.98	5.86	858	2.36	-96.9	Clear
	0.5	19.22	5.83	873	0.77	-104.5	Clear
	1.0	19.26	5.83	866	0.50	-108.6	Clear
	1.5	19.25	5.83	863	0.49	-109.9	Clear
	2.0	19.28	5.83	863	0.49	-111.3	Clear
	3.0	19.28	5.83	862	0.52	-111.8	Clear

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

Clear, slight hydrocarbon odor

**AEI CONSULTANTS**  
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

**Monitoring Well Number: MW-3**

Project Name:	Omega Termite (Q4, 2009)	Date of Sampling:	12/11/2009
Job Number:	262157	Name of Sampler:	A Nieto
Project Address:	807 75th Avenue Oakland		

**MONITORING WELL DATA**

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK ▼		
Elevation of Top of Casing (feet above msl)	10.40		
Depth of Well	20.00		
Depth to Water (from top of casing)	4.03		
Water Elevation (feet above msl)	6.37		
Well Volumes Purged	Micropurge		
Actual Volume Purged (liters)	4.0		
Appearance of Purge Water	Clear		
Free Product Present?	No	Thickness (ft):	NA

**GROUNDWATER SAMPLES**

Number of Samples/Container Size				2 - 40ml VOAs, 1 L Amber			
Time	Vol Removed (liters)	Temperature (deg C)	pH	Conductivity (μS/cm)	DO (mg/L)	ORP (meV)	Comments
	0.0	17.92	5.54	1224	2.17	4.3	Clear
	1.0	17.91	5.56	1225	1.72	-0.4	Clear
	2.0	17.84	5.58	1225	1.72	-1.8	Clear
	2.5	17.87	5.59	1225	1.46	11.8	Clear
	3.0	17.85	5.57	1224	1.32	54.9	Clear
	4.0	17.8	5.54	1223	1.32	110.8	Clear

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

Clear, no hydrocarbon odor

**AEI CONSULTANTS**  
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

**Monitoring Well Number: MW-4**

Project Name:	Omega Termite (Q4, 2009)	Date of Sampling:	12/11/2009
Job Number:	262157	Name of Sampler:	A Nieto
Project Address:	807 75th Avenue Oakland		

**MONITORING WELL DATA**

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK ▼		
Elevation of Top of Casing (feet above msl)	10.31		
Depth of Well	20.00		
Depth to Water (from top of casing)	4.08		
Water Elevation (feet above msl)	6.23		
Well Volumes Purged	Micropurge		
Actual Volume Purged (liters)	3.0		
Appearance of Purge Water	Clear		
Free Product Present?	No	Thickness (ft):	NA

**GROUNDWATER SAMPLES**

Number of Samples/Container Size				2 - 40ml VOAs, 1 L Amber			
Time	Vol Removed (liters)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	0.0	18.45	5.52	1180	7.37	22.3	Clear
	1.0	19.04	5.45	1189	4.70	10.0	Clear
	1.5	19.06	5.61	1190	7.67	7.2	Clear
	2.0	19.07	5.62	1190	4.66	6.2	Clear
	2.5	19.07	5.63	1190	4.64	5.0	Clear
	3.0	19.09	5.64	1191	4.56	3.2	Clear

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

Clear, no hydrocarbon odor

**AEI CONSULTANTS**  
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

**Monitoring Well Number: MW-6**

Project Name:	Omega Termite (Q4, 2009)	Date of Sampling:	12/11/2009
Job Number:	262157	Name of Sampler:	A Nieto
Project Address:	807 75th Avenue Oakland		

**MONITORING WELL DATA**

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK ▼		
Elevation of Top of Casing (feet above msl)	12.35		
Depth of Well	14.00		
Depth to Water (from top of casing)	6.07		
Water Elevation (feet above msl)	6.28		
Well Volumes Purged	Micropurge		
Actual Volume Purged (liters)	3.0		
Appearance of Purge Water	Clear		
Free Product Present?	No	Thickness (ft):	NA

**GROUNDWATER SAMPLES**

Number of Samples/Container Size				2 - 40ml VOAs, 1 L Amber			
Time	Vol Removed (liters)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	0.0	17.48	5.63	958	2.11	-34.6	Clear
	0.5	18.2	5.62	957	1.13	-41.3	Clear
	1.0	18.37	5.63	948	0.80	-47.2	Clear
	1.5	18.42	5.64	955	0.74	-50.9	Clear
	2.0	18.58	5.66	979	0.80	-54.0	Clear
	2.5	15.82	5.67	995	0.83	-56.4	Clear
	3.0	18.55	5.67	999	0.82	-57.8	Clear

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

Clear, no hydrocarbon odor

**AEI CONSULTANTS**  
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

**Monitoring Well Number: MW-7**

Project Name:	Omega Termite (Q4, 2009)	Date of Sampling:	12/11/2009
Job Number:	262157	Name of Sampler:	A Nieto
Project Address:	807 75th Avenue Oakland		

**MONITORING WELL DATA**

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK ▼		
Elevation of Top of Casing (feet above msl)	11.16		
Depth of Well	35.00		
Depth to Water (from top of casing)	4.34		
Water Elevation (feet above msl)	6.82		
Well Volumes Purged	Micropurge		
Actual Volume Purged (liters)	3.0		
Appearance of Purge Water	Clear		
Free Product Present?	No	Thickness (ft):	NA

**GROUNDWATER SAMPLES**

Number of Samples/Container Size				2 - 40ml VOAs, 1 L Amber			
Time	Vol Removed (liters)	Temperature (deg C)	pH	Conductivity (μS/cm)	DO (mg/L)	ORP (meV)	Comments
	0.0	18.76	6.17	1464	10.50	-13.3	Clear
	0.5	18.86	6.17	1469	10.13	-11.0	Clear
	1.0	19.00	6.21	1473	9.97	-8.5	Clear
	1.5	19.03	6.22	1474	9.96	-8.0	Clear
	2.0	19.09	6.22	1477	9.89	-6.2	Clear
	3.0	19.18	6.20	1481	9.10	-3.3	Clear

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

Clear, no hydrocarbon odor

**AEI CONSULTANTS**  
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

**Monitoring Well Number: MW-8**

Project Name:	Omega Termite (Q4, 2009)	Date of Sampling:	12/11/2009
Job Number:	262157	Name of Sampler:	A Nieto
Project Address:	807 75th Avenue Oakland		

**MONITORING WELL DATA**

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK ▼		
Elevation of Top of Casing (feet above msl)	12.42		
Depth of Well	35.00		
Depth to Water (from top of casing)	5.52		
Water Elevation (feet above msl)	6.90		
Well Volumes Purged	Micropurge		
Actual Volume Purged (liters)	3.5		
Appearance of Purge Water	Slightly brown		
Free Product Present?	No	Thickness (ft):	NA

**GROUNDWATER SAMPLES**

Number of Samples/Container Size				2 - 40ml VOAs, 1 L Amber			
Time	Vol Removed (liters)	Temperature (deg C)	pH	Conductivity (μS/cm)	DO (mg/L)	ORP (meV)	Comments
	0.0	18.64	5.61	2106	4.08	-21.9	Clear
	0.5	18.87	5.65	2129	2.45	-27.5	Clear
	1.0	18.94	6.68	2137	2.63	-29.9	Clear
	1.5	19.07	5.7	2144	2.40	-32.3	Clear
	2.0	19.14	5.71	2147	2.28	-32.9	Clear
	2.5	19.16	5.71	2148	2.24	-33.0	Clear
	3.5	19.19	5.73	2150	2.09	-34.0	Clear

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

Clear, no hydrocarbon odor

**AEI CONSULTANTS**  
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

**Monitoring Well Number: MW-9**

Project Name:	Omega Termite (Q4, 2009)	Date of Sampling:	12/11/2009
Job Number:	262157	Name of Sampler:	A Nieto
Project Address:	807 75th Avenue Oakland		

**MONITORING WELL DATA**

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK ▼		
Elevation of Top of Casing (feet above msl)	11.22		
Depth of Well	35.00		
Depth to Water (from top of casing)	5.10		
Water Elevation (feet above msl)	6.12		
Well Volumes Purged	Micropurge		
Actual Volume Purged (liters)	3.0		
Appearance of Purge Water	Clear		
Free Product Present?	No	Thickness (ft):	NA

**GROUNDWATER SAMPLES**

Number of Samples/Container Size				2 - 40ml VOAs, 1 L Amber			
Time	Vol Removed (liters)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	0.0	17.80	5.93	1158	8.72	-30.5	Clear
	1.0	18.22	6.23	1187	9.75	-24.6	Clear
	2.0	18.28	6.25	1189	9.76	-22.2	Clear
	3.0	18.29	6.25	1189	9.74	-20.2	Clear

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

Clear, no hydrocarbon odor



**AEI CONSULTANTS**  
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

**Monitoring Well Number: MW-10**

Project Name:	Omega Termite (Q4, 2009)	Date of Sampling:	12/11/2009
Job Number:	262157	Name of Sampler:	A Nieto
Project Address:	807 75th Avenue Oakland		

**MONITORING WELL DATA**

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK ▼		
Elevation of Top of Casing (feet above msl)	10.31		
Depth of Well	35.00		
Depth to Water (from top of casing)	3.88		
Water Elevation (feet above msl)	6.43		
Well Volumes Purged	Micropurge		
Actual Volume Purged (liters)	3.0		
Appearance of Purge Water	Clear		
Free Product Present?	No	Thickness (ft):	NA

**GROUNDWATER SAMPLES**

Number of Samples/Container Size				2 - 40ml VOAs, 1 L Amber			
Time	Vol Removed (liters)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	0.0	17.96	5.62	1561	7.4	171.9	Clear
	0.5	18.12	5.62	1570	5.3	178.8	Clear
	1.0	18.08	5.61	1570	5.2	196.4	Clear
	1.5	18.11	5.61	1572	5.2	200.2	Clear
	2.0	18.17	5.60	1575	5.1	211.4	Clear
	3.0	18.21	5.60	1575	5.1	214.5	Clear

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

Clear, no hydrocarbon odor

**AEI CONSULTANTS**  
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

**Monitoring Well Number: MW-11**

Project Name:	Omega Termite (Q4, 2009)	Date of Sampling:	12/11/2009
Job Number:	262157	Name of Sampler:	A Nieto
Project Address:	807 75th Avenue Oakland		

**MONITORING WELL DATA**

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK ▼		
Elevation of Top of Casing (feet above msl)	10.96		
Depth of Well	35.00		
Depth to Water (from top of casing)	4.12		
Water Elevation (feet above msl)	6.84		
Well Volumes Purged	Micropurge		
Actual Volume Purged (liters)	3.0		
Appearance of Purge Water	Clear		
Free Product Present?	No	Thickness (ft):	NA

**GROUNDWATER SAMPLES**

Number of Samples/Container Size				2 - 40ml VOAs, 1 L Amber			
Time	Vol Removed (liters)	Temperature (deg C)	pH	Conductivity (μS/cm)	DO (mg/L)	ORP (meV)	Comments
	0.0	17.42	6.11	1150	9.13	52.1	Clear
	0.5	18.47	6.16	1156	10.61	41.2	Clear
	1.0	18.76	6.2	1161	10.65	34.5	Clear
	1.5	18.86	6.21	1163	10.65	30.8	Clear
	2.0	18.95	6.24	1166	10.64	25.5	Clear
	3.0	18.98	6.25	1167	10.66	22.2	Clear

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

Clear, no hydrocarbon odor

**AEI CONSULTANTS**  
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

**Monitoring Well Number: MW-12**

Project Name:	Omega Termite (Q4, 2009)	Date of Sampling:	12/11/2009
Job Number:	262157	Name of Sampler:	A Nieto
Project Address:	807 75th Avenue Oakland		

**MONITORING WELL DATA**

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK ▼		
Elevation of Top of Casing (feet above msl)	10.46		
Depth of Well	35.00		
Depth to Water (from top of casing)	3.70		
Water Elevation (feet above msl)	6.76		
Well Volumes Purged	Micropurge		
Actual Volume Purged (liters)	4.0		
Appearance of Purge Water	Clear		
Free Product Present?	No	Thickness (ft):	NA

**GROUNDWATER SAMPLES**

Number of Samples/Container Size				2 - 40ml VOAs, 1 L Amber			
Time	Vol Removed (liters)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	0.0	17.46	5.76	899	3.34	75.2	Clear
	0.5	18.59	5.4	906	2.29	12.2	Clear
	1.0	18.92	6.1	821	2.04	1.4	Clear
	2.0	18.98	6.17	906	1.80	-2.8	Clear
	2.0	19.13	6.27	917	1.9	-4.9	Clear
	4.0	16.26	6.23	893	1.87	-5.2	Clear

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

Clear, no hydrocarbon odor

## **APPENDIX B**

# **LABORATORY ANALYTICAL AND CHAIN OF CUSTODY DOCUMENTATION**





**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: #262157; Omega Termite	Date Sampled: 12/11/09
		Date Received: 12/11/09
	Client Contact: Robert Flory	Date Reported: 12/18/09
	Client P.O.: #WC082112	Date Completed: 12/16/09

**WorkOrder: 0912333**

December 18, 2009

Dear Robert:

Enclosed within are:

- 1) The results of the **11** analyzed samples from your project: **#262157; Omega Termite**,
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius  
Laboratory Manager  
McC Campbell Analytical, Inc.

0912333

# McCAMPBELL ANALYTICAL, INC.

1538 Willow Pass Road  
Bay Point, 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

GeoTracker EDF  PDF  Excel  Write On (DW)

Report To: Robert Flory; Ricky Bradford Bill To: Same P.O. #WC082112  
 Company: AEI Consultants  
 2500 Camino Diablo, Suite 200, Walnut Creek, CA 94597  
 E-Mail: rflory@aeiconsultants.com; rbradford@aeiconsultants.com  
 Tel: (925) 746-6000, ext. 122; ext. 148 Fax: (925) 746-6099  
 Project #: 262157 Project Name: Omega Termite (Q4, 2009)  
 Project Location: 807 75<sup>th</sup> Avenue, Oakland, CA  
 Sampler Signature:

Analysis Request Other Comments

SAMPLE ID	FIELD POINT NAME	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED									
		Date	Time			Water	Soil	Air	Sludge	Other	Ice	HCl	HNO <sub>3</sub>	Other						
MW-1	MW-1	12/11/09	1510	4	VLL	X						X								
MW-2	MW-2		1410			X						X								
MW-3	MW-3		1235			X						X								
MW-4	MW-4		1155			X														
TW-5	TW-5					X						X	X	X						DAMAGED
MW-6	MW-6		1335			X						X	X	X						
MW-7	MW-7		1320			X						X	X	X						
MW-8	MW-8		1415			X						X	X	X						
MW-9	MW-9		1500			X						X	X	X						
MW-10	MW-10		1230			X						X	X	X						
MW-11	MW-11		1300			X						X	X	X						
MW-12	MW-12		1135			X						X	X	X						

TPH as gas w/ BTEX&MTBE (SW8021B/8015Cm)	TPH as diesel (SW8015C)	TPH as motor oil (SW8015C)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Halogenated VOCs (SW8260B i.e., 8010 list)	BTEX ONLY! (SW8021B)	PCBs EPA 608 / 8080	Fuel Additives (SW8260B) inc., EDB, TCA	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										
X	X	X																					
X	X	X																					
X	X	X																					
X	X	X																					
X	X	X																					
X	X	X																					
X	X	X																					
X	X	X																					
X	X	X																					

Relinquished By:   
 Date: 12/11/09 Time: 1702 Received By:

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received By: \_\_\_\_\_

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received By: \_\_\_\_\_

ICE/it# 3.0

GOOD CONDITION \_\_\_\_\_ PRESERVATION \_\_\_\_\_  
 HEAD SPACE ABSENT \_\_\_\_\_ APPROPRIATE \_\_\_\_\_  
 DECHLORINATED IN LAB \_\_\_\_\_ CONTAINERS \_\_\_\_\_  
 \_\_\_\_\_ PERSERVED IN LAB \_\_\_\_\_

VOAS \_\_\_\_\_ O&G \_\_\_\_\_ METALS \_\_\_\_\_ OTHER \_\_\_\_\_

# McC Campbell Analytical, Inc.



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

# CHAIN-OF-CUSTODY RECORD

WorkOrder: 0912333

ClientCode: AEL

WaterTrax   
  WriteOn   
  EDF   
  Excel   
  Fax   
  Email   
  HardCopy   
  ThirdParty   
  J-flag

Report to:	Robert Flory	Email: rflory@aeiconsultants.com	Bill to:	Denise Mockel	Requested TAT: 5 days
	AEI Consultants	cc:		AEI Consultants	Date Received: 12/11/2009
	2500 Camino Diablo, Ste. #200	PO: #WC082112		2500 Camino Diablo, Ste. #200	Date Printed: 12/11/2009
	Walnut Creek, CA 94597	ProjectNo: #262157; Omega Termite		Walnut Creek, CA 94597	
	(925) 283-6000 FAX (925) 283-6121			dmockel@aeiconsultants.com	

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0912333-001	MW-1	Water	12/11/2009 15:10	<input type="checkbox"/>	A	A	B									
0912333-002	MW-2	Water	12/11/2009 14:10	<input type="checkbox"/>	A		B									
0912333-003	MW-3	Water	12/11/2009 12:35	<input type="checkbox"/>	A		B									
0912333-004	MW-4	Water	12/11/2009 11:55	<input type="checkbox"/>	A		B									
0912333-005	MW-6	Water	12/11/2009 13:35	<input type="checkbox"/>	A		B									
0912333-006	MW-7	Water	12/11/2009 13:20	<input type="checkbox"/>	A		B									
0912333-007	MW-8	Water	12/11/2009 14:15	<input type="checkbox"/>	A		B									
0912333-008	MW-9	Water	12/11/2009 15:00	<input type="checkbox"/>	A		B									
0912333-009	MW-10	Water	12/11/2009 12:30	<input type="checkbox"/>	A		B									
0912333-010	MW-11	Water	12/11/2009 13:00	<input type="checkbox"/>	A		B									
0912333-011	MW-12	Water	12/11/2009 11:35	<input type="checkbox"/>	A		B									

**Test Legend:**

1	G-MBTX_W	2	PREDF REPORT	3	TPH(DMO)_W	4		5	
6		7		8		9		10	
11		12							

Prepared by: Ana Venegas

**Comments:**

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



### Sample Receipt Checklist

Client Name: **AEI Consultants** Date and Time Received: **12/11/2009 6:01:01 PM**  
 Project Name: **#262157; Omega Termite** Checklist completed and reviewed by: **Ana Venegas**  
 WorkOrder N°: **0912333** 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: 3.6°C NA   
 Water - VOA vials have zero headspace / no bubbles? Yes  No  No VOA vials submitted   
 Sample labels checked for correct preservation? Yes  No   
 Metal - pH acceptable upon receipt (pH<2)? Yes  No  NA   
 Samples Received on Ice? Yes  No   
 (Ice Type: WET ICE )

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

-----

Client contacted: Date contacted: Contacted by:

Comments:





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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: #262157; Omega Termite	Date Sampled: 12/11/09
	Client Contact: Robert Flory	Date Received: 12/11/09
	Client P.O.: #WC082112	Date Extracted: 12/14/09-12/16/09
		Date Analyzed: 12/14/09-12/16/09

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

Extraction method: SW5030B

Analytical methods: SW8021B/8015Bm

Work Order: 0912333

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
001A	MW-1	W	91	ND	ND	1.3	ND	ND	1	115	d1
002A	MW-2	W	330	ND	ND	5.9	1.0	0.72	1	111	d1
003A	MW-3	W	ND	ND	ND	ND	ND	ND	1	99	
004A	MW-4	W	ND	ND	ND	ND	ND	ND	1	112	
005A	MW-6	W	ND	5.3	ND	ND	ND	ND	1	103	
006A	MW-7	W	ND	ND	ND	ND	ND	ND	1	102	
007A	MW-8	W	ND	ND	ND	ND	ND	ND	1	107	
008A	MW-9	W	ND	ND	ND	ND	ND	ND	1	99	
009A	MW-10	W	55	ND	ND	ND	ND	ND	1	102	d6
010A	MW-11	W	ND	ND	ND	ND	ND	ND	1	101	
011A	MW-12	W	ND	ND	ND	ND	ND	ND	1	105	

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

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

# cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation:

d1) weakly modified or unmodified gasoline is significant  
d6) one to a few isolated non-target peaks present in the TPH(g) chromatogram



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

AEI Consultants  2500 Camino Diablo, Ste. #200  Walnut Creek, CA 94597	Client Project ID: #262157; Omega Termite	Date Sampled: 12/11/09
	Client Contact: Robert Flory	Date Received: 12/11/09
	Client P.O.: #WC082112	Date Extracted: 12/11/09
		Date Analyzed: 12/12/09-12/14/09

### Total Extractable Petroleum Hydrocarbons\*

Extraction method: SW3510C

Analytical methods: SW8015B

Work Order: 0912333

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
0912333-001B	MW-1	W	170	ND	1	97	e2
0912333-002B	MW-2	W	120	ND	1	97	e4,e2
0912333-003B	MW-3	W	ND	ND	1	103	
0912333-004B	MW-4	W	ND	ND	1	99	
0912333-005B	MW-6	W	ND	ND	1	100	
0912333-006B	MW-7	W	ND	ND	1	98	
0912333-007B	MW-8	W	ND	ND	1	100	
0912333-008B	MW-9	W	52	ND	1	103	e2
0912333-009B	MW-10	W	ND	ND	1	99	
0912333-010B	MW-11	W	ND	ND	1	100	
0912333-011B	MW-12	W	ND	ND	1	101	

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

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

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

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation:

e2) diesel range compounds are significant; no recognizable pattern

e4) gasoline range compounds are significant.



**QC SUMMARY REPORT FOR SW8015B**

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 47574

WorkOrder: 0912333

Analyte	Extraction SW3510C			Spiked Sample ID: N/A								
	Sample µg/L	Spiked µg/L	MS % Rec.	MSD % Rec.	MS-MSD % RPD	LCS % Rec.	LCSD % Rec.	LCS-LCSD % RPD	Acceptance Criteria (%)			
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	114	114	0	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	104	103	1.02	N/A	N/A	70 - 130	30

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

BATCH 47574 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0912333-001B	12/11/09 3:10 PM	12/11/09	12/14/09 2:40 PM	0912333-002B	12/11/09 2:10 PM	12/11/09	12/14/09 3:48 PM
0912333-003B	12/11/09 12:35 PM	12/11/09	12/13/09 3:25 AM	0912333-004B	12/11/09 11:55 AM	12/11/09	12/12/09 2:57 PM
0912333-005B	12/11/09 1:35 PM	12/11/09	12/12/09 4:05 PM	0912333-006B	12/11/09 1:20 PM	12/11/09	12/12/09 5:13 PM
0912333-007B	12/11/09 2:15 PM	12/11/09	12/12/09 6:21 PM	0912333-008B	12/11/09 3:00 PM	12/11/09	12/12/09 7:29 PM
0912333-009B	12/11/09 12:30 PM	12/11/09	12/12/09 8:37 PM	0912333-010B	12/11/09 1:00 PM	12/11/09	12/12/09 9:45 PM
0912333-011B	12/11/09 11:35 AM	12/11/09	12/12/09 3:46 AM				

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

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

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

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

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



### QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 47577

WorkOrder: 0912333

Analyte	EPA Method SW8021B/8015Bm		Extraction SW5030B						Spiked Sample ID: 0912333-011A			
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) <sup>£</sup>	ND	60	106	111	4.57	109	107	1.55	70 - 130	20	70 - 130	20
MTBE	ND	10	101	107	5.49	106	107	1.04	70 - 130	20	70 - 130	20
Benzene	ND	10	91.2	95.7	4.83	93.8	96.4	2.75	70 - 130	20	70 - 130	20
Toluene	ND	10	91.1	95.9	5.15	94.4	96.4	2.08	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	89.5	94.4	5.34	92	95.1	3.34	70 - 130	20	70 - 130	20
Xylenes	ND	30	92	96.6	4.82	95.1	97.8	2.71	70 - 130	20	70 - 130	20
%SS:	105	10	98	99	1.10	99	100	0.675	70 - 130	20	70 - 130	20

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

#### BATCH 47577 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0912333-001A	12/11/09 3:10 PM	12/15/09	12/15/09 5:24 PM	0912333-002A	12/11/09 2:10 PM	12/14/09	12/14/09 8:38 PM
0912333-003A	12/11/09 12:35 PM	12/15/09	12/15/09 2:46 AM	0912333-004A	12/11/09 11:55 AM	12/15/09	12/15/09 3:15 AM
0912333-005A	12/11/09 1:35 PM	12/15/09	12/15/09 3:45 AM	0912333-006A	12/11/09 1:20 PM	12/15/09	12/15/09 4:15 AM
0912333-007A	12/11/09 2:15 PM	12/15/09	12/15/09 4:45 AM	0912333-008A	12/11/09 3:00 PM	12/15/09	12/15/09 5:15 AM
0912333-009A	12/11/09 12:30 PM	12/16/09	12/16/09 10:50 PM	0912333-010A	12/11/09 1:00 PM	12/15/09	12/15/09 2:16 AM
0912333-011A	12/11/09 11:35 AM	12/15/09	12/15/09 6:15 AM				

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

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

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

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

# cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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