July 31, 2008

GROUNDWATER MONITORING REPORT
Third Quarter, 2008

807 75th Avenue
Oakland, California

AEI Project No. 262157
ACHCS # RO0000508

Prepared For

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

Prepared By

AEI Consultants
2500 Camino Diablo Blvd.
Walnut Creek, CA 94597
(925) 944-2899

OMEGA
TERMITE & PEST CONTROL

November 3, 2008

Mr. Jerry Wickham
Hazardous Material Specialist
Alameda Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 84502

Re: 3RD Quarter Groundwater Monitoring Report 2008

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Regards,

Allen G. Kanady, Jr.
President
Omega Termite Control, Inc.

AEI CONSULTANTS
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July 31, 2008

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

Subject: **Quarterly Groundwater Monitoring Report**
Third Quarter, 2008
807 75th Avenue
Oakland, California
AEI Project No. 262157
ACHCS # RO0000508

Dear Mr. Kanady:

AEI Consultants (AEI) has prepared this report to document the results of the Third Quarter, 2008 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 (ACHCSA). The purpose of this activity is to monitor groundwater quality near the location of previously removed underground storage tanks (USTs) at the site.

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 75th 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 ACHCSA, 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. A significant amount of impacted soil appears remain in the immediate vicinity of boring SB-14.

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 ug/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 well 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*, April 28, 2006.(7)

In a letter dated May 25, 2006, the ACHCSA 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* (8) was approved by the ACHCSA in a letter dated August 11, 2006. The Ozone Micro-Sparge System was installed during February and March and began continuous operation in early May 2007.

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, in which the clay exhibited significant discoloration (dark greenish gray clay).

At depths ranging from 18 ft (MW-9) to 21 feet (MW-8) bgs second (intermediate) 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

AEI conducted quarterly groundwater sampling and monitoring of five Shallow Zone monitoring wells (MW-1 through MW-4 and MW-6) and six deeper Zone wells (MW-7 through MW-12) on July 25, 2008.

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 11 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 Pacheco, 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 5.45 (MW-1) to 5.63(MW-3) feet above mean sea level (amsl). These elevations are an average of 0.18 feet lower than the previous quarterly monitoring event. The groundwater hydraulic gradient in the Shallow Zone is 0.003 ft/ft to the southwest.

Groundwater elevations in the Deep Zone monitoring wells ranged from 5.47 (MW-9) to 6.18 (MW-11) feet amsl. These elevations are an average of 0.51 feet lower than the previous quarterly monitoring event. The groundwater hydraulic gradient in the Deep Zone is 0.016 ft/ft to the south.

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 Figures 3 and 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 300 µg/L and 440 µg/L, respectively. BTEX was reported at concentrations of 40 µg/L, 2.4 µg/L, 6.0 µg/L, and 2.7 µg/L respectively. MTBE and TPH-mo were reported at ND<10 µg/L and ND<250µg/L, respectively.

The TPH-g concentration in Shallow Zone monitoring well MW-2 increased from 420 µg/L to 570 µg/L, while TPH-d decreased from 300 µg/L to 190 µg/L. BTEX was reported at concentrations of 2.5 µg/L, 6.9 µg/L, 1.6 µg/L, and 2.1 µg/L respectively. MTBE and TPH-mo were reported as non detectable at reporting limits of NW<5.0 µg/L and ND<250 µg/L.

The TPH-g and TPH-d concentrations in Shallow Zone monitoring well MW-3 remained below the reporting limit of ND<50 µg/L. BTEX, MTBE, and TPH-mo were reported as non detectable at detection limits of 5.0 µg/L, 0.50 µg/L, and 250 µg/L, respectively.

TPH-g, TPH-d, TPH-mo, MTBE, and BTEX concentrations reported in Shallow Zone monitoring wells MW-4 and MW-6 remained, below standard reporting limits.

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.

TPH-g concentration Deeper Zone well MW-9 decreased from 740 µg/L to 680 µg/L. TPH-d increased from 210 µg/L to 230 µg/L. BTEX was reported at concentrations of 330 µg/L, 0.69 µg/L, and 2.4 µg/L and 7.0 µg/L, respectively. MTBE and TPH-mo remained below the reporting limit of 10 µg/L and 250 µg/L, respectively.

The TPH-g concentration in Deeper Zone monitoring well MW-10 decreased from 340 µg/L to ND<50 µg/L and TPH-d decreased from 82 µg/L to ND<50 µg/L. MTBE, and BTEX were reported as ND<5.0 µg/L and ND>0.5 µg/L, respectively.

TPH-g, TPH-d, TPH-mo, MTBE and BTEX all remained below standard laboratory detection levels in Deeper Zone monitoring wells MW-11 and MW-12.

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

Summary

Overall the contaminant concentrations in both the Shallow Zone and Deeper Zones are continuing to slowly decrease. Detectable concentrations of hydrocarbons were reported in only one Deeper Zone well (MW-9) and in two Shallower Zone Wells (MW-1 and MW-2).

The next quarterly groundwater monitoring event is tentatively scheduled for October 2008.

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.

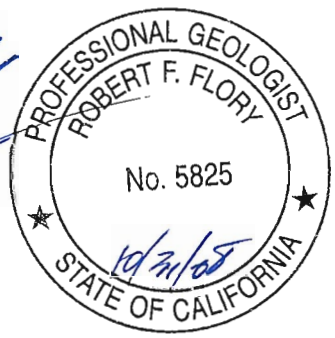
These services were performed in accordance with generally accepted practices in the geologic, environmental engineering and construction fields that existed at the time and location of the work.

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

Leah Levine-Goldberg
Staff Scientist

Robert F. Flory, P.G.
Senior Geologist



Attachments

Figures

Tables

Distribution:

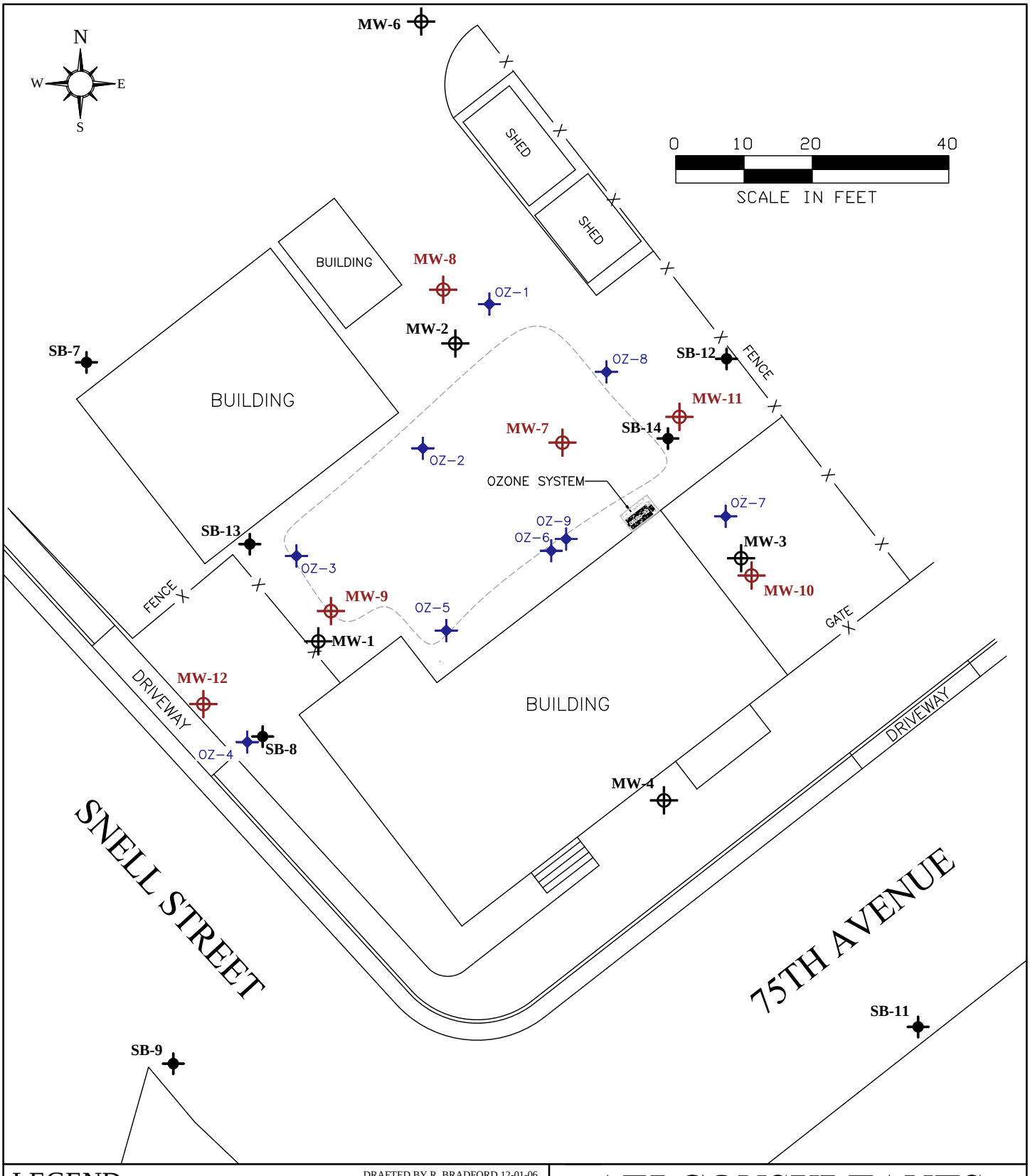
Mr. Allan Kanady
Omega Termite
807 75th Avenue
Oakland, CA 95621 (2 copies)

Mr. Jerry Wickham electronic
Alameda Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

GeoTracker

FIGURES

AEI CONSULTANTS 2500 CAMINO DIABLO, SUITE 200, WALNUT CREEK, CA	
SITE LOCATION MAP	
807 75th AVENUE OAKLAND, CALIFORNIA	**FIGURE 1** AEI 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
- SOIL BORING
- OZONE SPARGE POINT

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

AEI CONSULTANTS

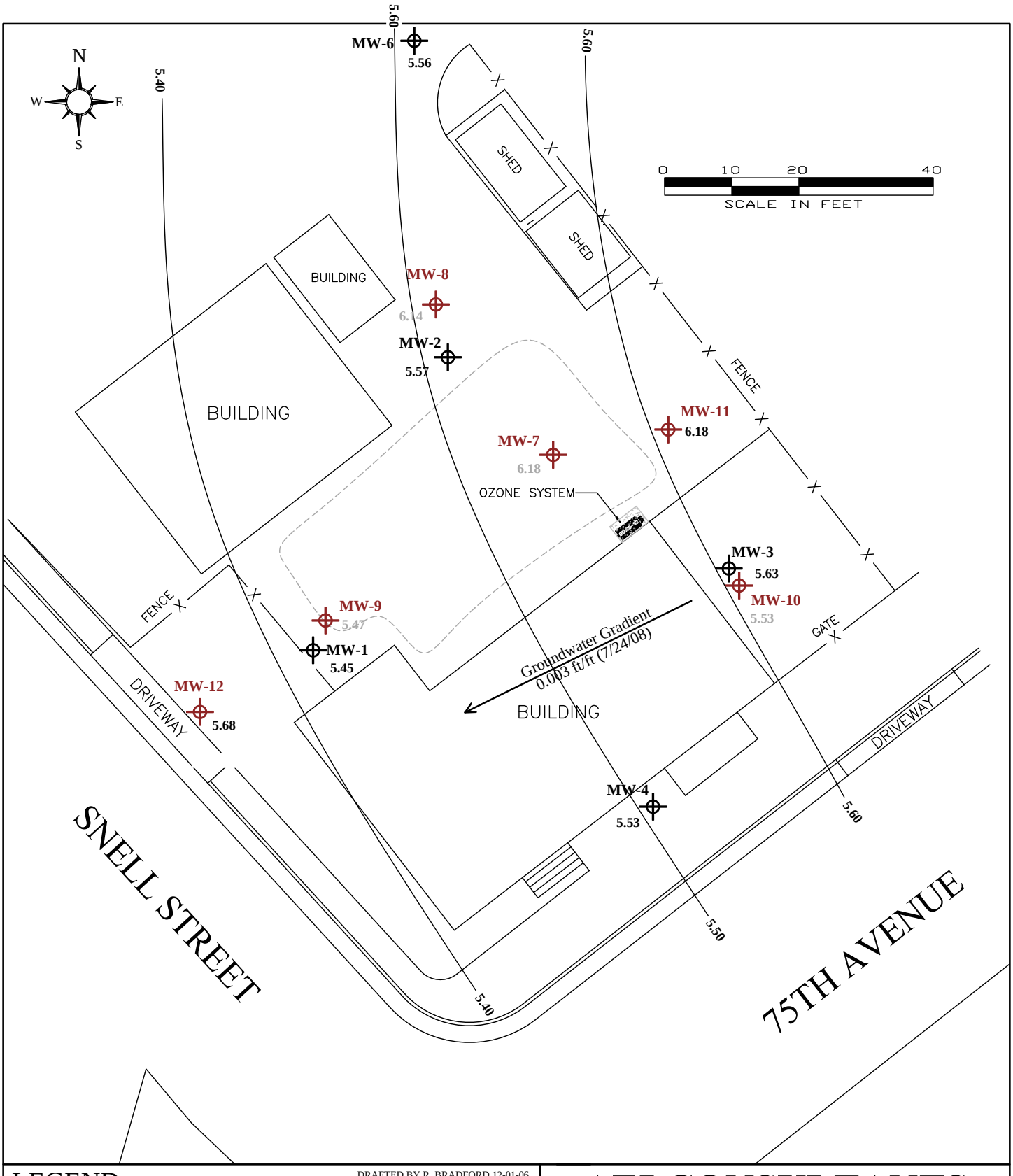
2500 CAMINO DIABLO, WALNUT CREEK

SITE PLAN

807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 2

PROJECT NO. 262157



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

AEI CONSULTANTS

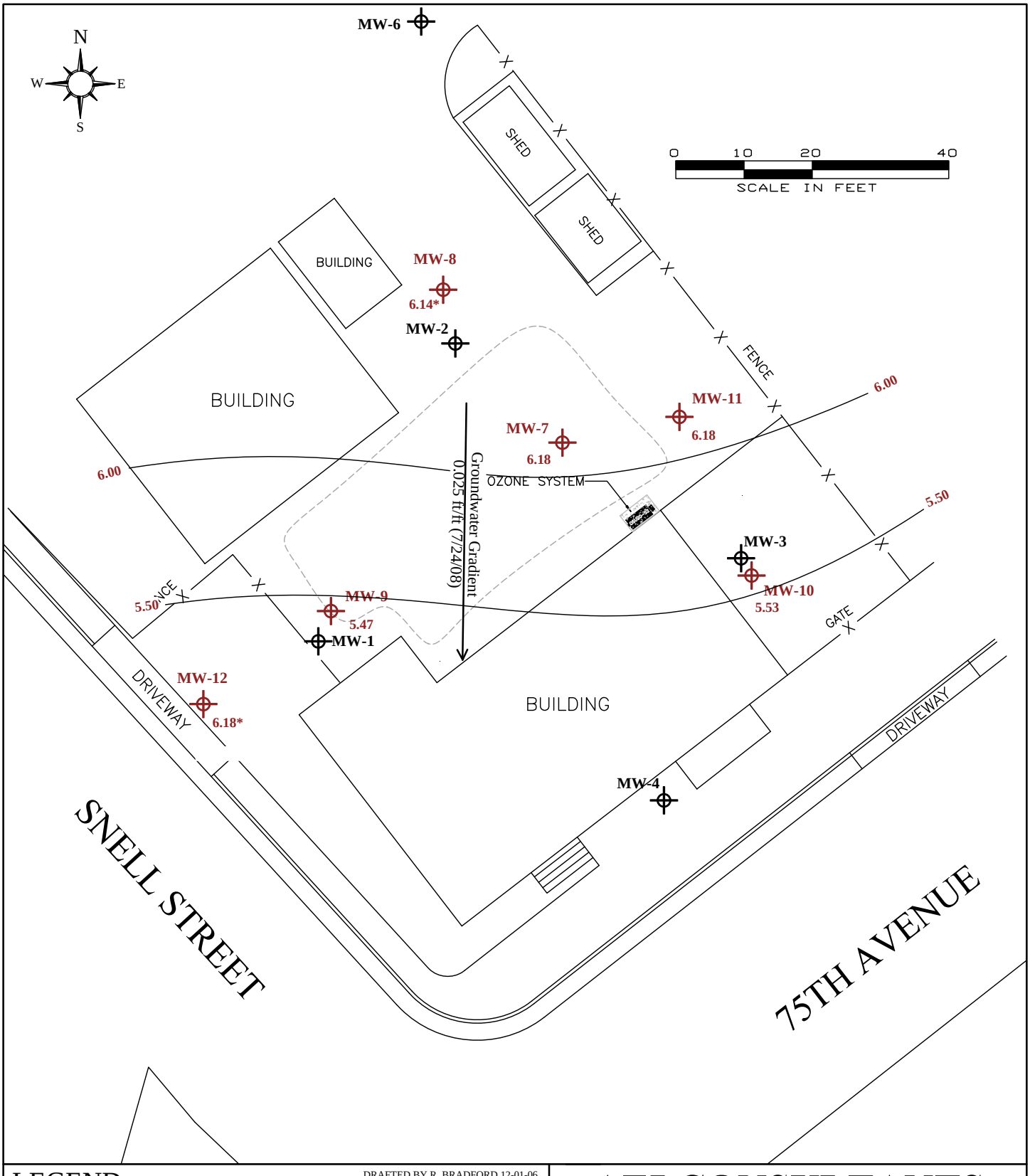
2500 CAMINO DIABLO, SUITE 200, WALNUT CREEK

GROUNDWATER ELEVATION CONTOURS SHALLOW ZONE WELLS - 7/24/2008

807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 3

PROJECT NO. 262157



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REVISED BY R. BRADFORD 12-18-06

AEI CONSULTANTS

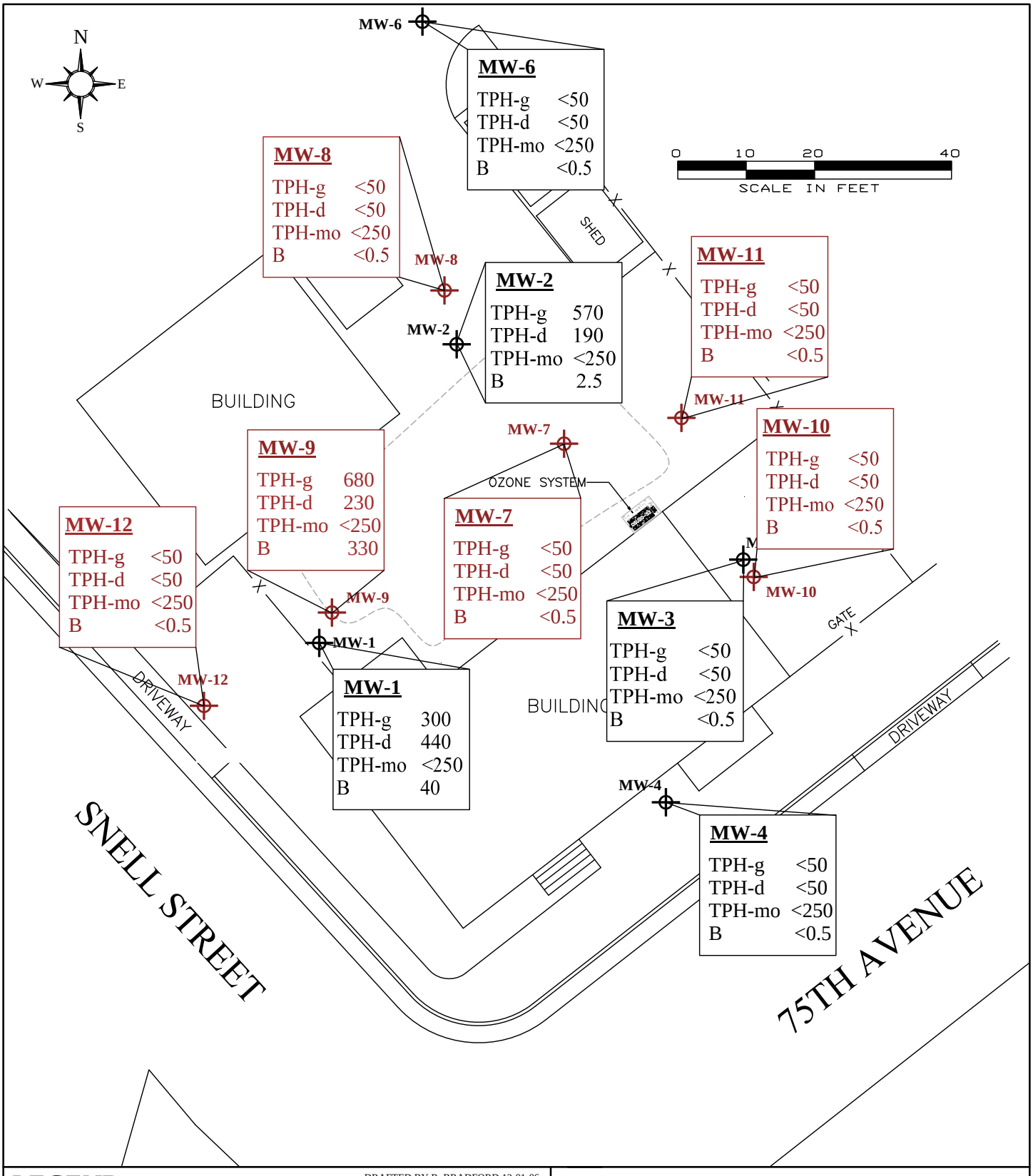
2500 CAMINO DIABLO, SUITE 200, WALNUT CREEK

GROUNDWATER ELEVATION CONTOURS DEEPER ZONE WELLS - 7/24/2008

807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 4

PROJECT NO. 262157



LEGEND

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AEI CONSULTANTS

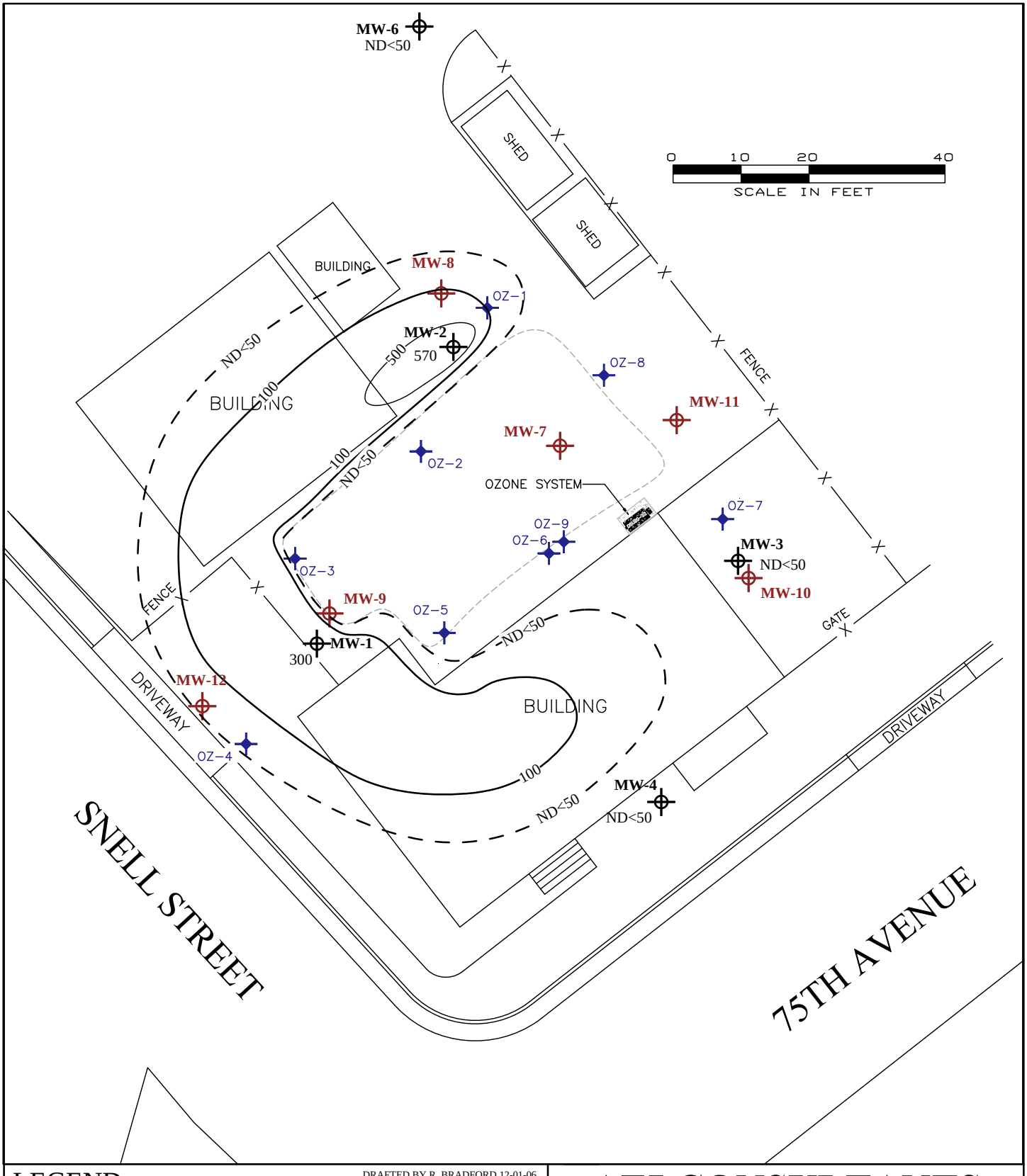
2500 CAMINO DIABLO, SUITE 200, WALNUT CREEK

GROUNDWATER ANALYTICALS (7/24/08)

807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 5

PROJECT NO. 262157



LEGEND

- MONITORING WELL (SHALLOW)
- MONITORING WELL (DEEP)
- SOIL BORING
- OZONE SPARGE POINT

SHALLOW WELLS SCREEDED FROM ~5 TO 20 FT BGS

DEEP WELLS SCREENED FROM ~25 TO 30 FT BGS

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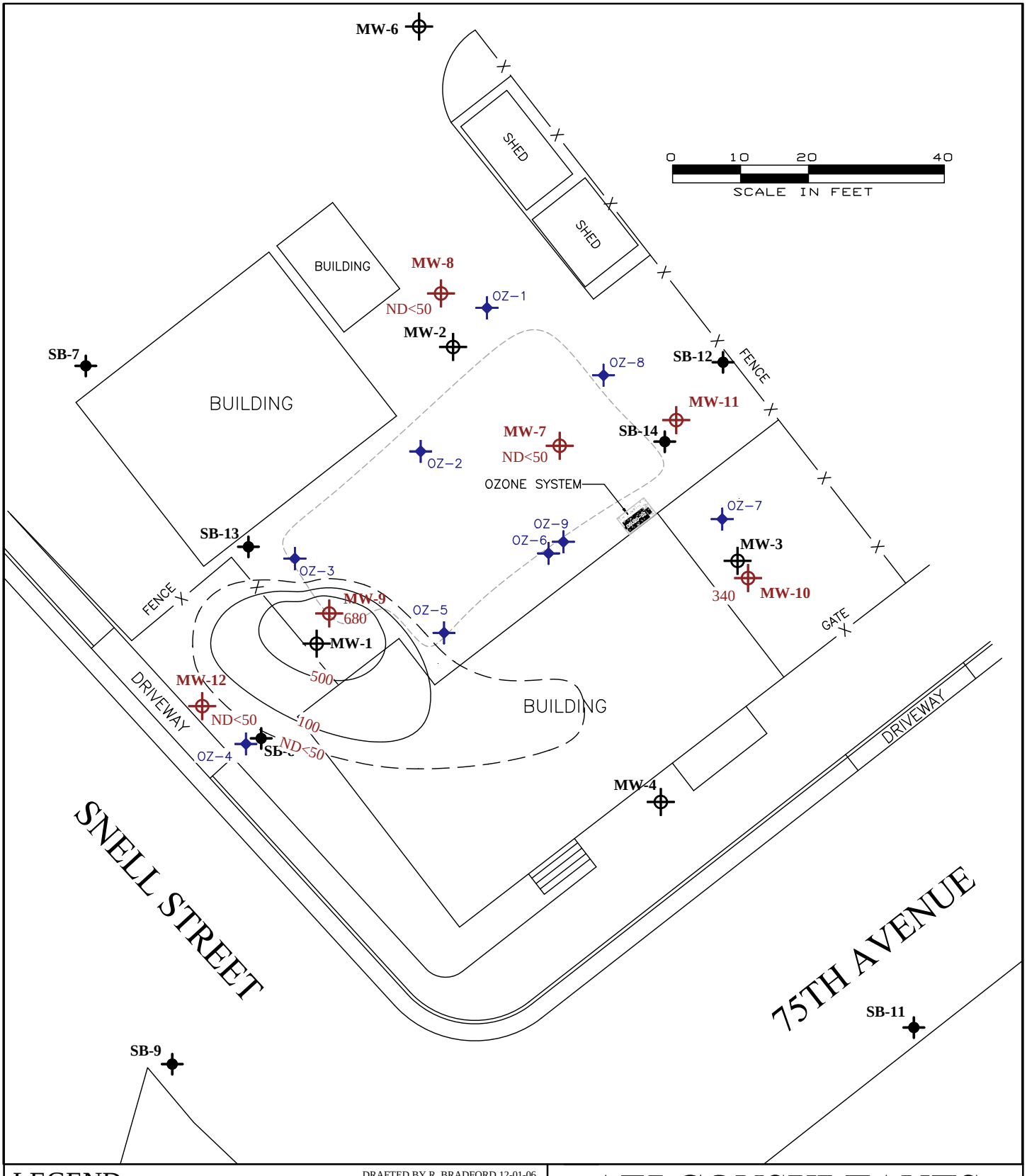
2500 CAMINO DIABLO, SUITE 200, WALNUT CREEK

TPH-g ISOPLETHS - SHALLOW ZONE (7/24/08)

807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 6

PROJECT NO. 262157



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2500 CAMINO DIABLO, SUITE 200, WALNUT CREEK

TPH-g ISOPLETHS - DEEPER ZONE (7/24/08)

807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 7

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 07/24/08	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	5.23	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	6.58	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	4.77	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	4.61	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	6.79	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	4.98	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	6.28	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	5.75	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	4.78	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	4.78	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	4.28	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)
MW-1	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	---	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	**6.00**	**300**	**440**	**ND<250**	**---**	**ND<10**	**40**	**2.4**	**6.0**	**2.7**
MW-2	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

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)
MW-2 continued	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	---	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	**6.45**	**570**	**190**	**ND<250**	**---**	**ND<5.0**	**2.5**	**6.9**	**1.6**	**2.1**
MW-3	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

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)
MW-3 continued	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	**4.59**	**ND<50**	**ND<50**	**ND<250**	**--**	**ND<5.0**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
MW-4	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	**4.61**	**ND<50**	**ND<50**	**ND<250**	**--**	**ND<5.0**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
TW-5	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[1]	1,100,000[1]	---	530	29	2.7	14	240
	02/06/02	---	280	55,000	18,000[1]	---	ND<5.0	2.3	0.74	ND<0.5	0.70

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)
TW-5 continued	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
	01/02/07	**Well Destroyed 12/20/06**									
MW-6	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	**6.61**	**ND<50**	**ND<50**	**ND<250**	**--**	**ND<5.0**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
MW-7	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	**4.33**	**ND<50**	**ND<50**	**ND<250**	**--**	**ND<5.0**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
MW-8	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	**5.67**	**ND<50**	**ND<50**	**ND<250**	**--**	**ND<5.0**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<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)
MW-9	03/13/06	4.32	1,100	14,000[1]	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	**5.56**	**680**	**230**	**ND<250**	**--**	**ND<10**	**330**	**0.69**	**2.4**	**7.0**
MW-10	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	4.12	79	220	ND<250	--	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	03/25/08	4.42	340	82	ND<250	--	ND<5.0	0.95	ND<0.5	ND<0.5	1.1
	07/24/08	**4.42**	**ND<50**	**ND<50**	**ND<250**	**--**	**ND<5.0**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
MW-11	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**
MW-12	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	**3.62**	**ND<50**	**ND<50**	**ND<250**	**--**	**ND<5.0**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<5.0**

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

1 = 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**
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
	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	----

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-2 continued	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**
MW-3	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
	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

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-3 continued	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**
MW-4	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
	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**

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)
TW-5	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
	03/13/06	----	4.51	----	0.21
	04/26/06	----	5.02	----	-0.51
	01/02/07	**Well Destroyed 12/20/06**			
MW-6	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**
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**
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

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-8 continued	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**
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**
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**
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**
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**

* 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 2a - Groundwater Elevation Data
1246 Florida Street, Vallejo, CA

Episode	Date	Average groundwater elevation (ft amsl)	Change from previous elevation (ft)	Flow Direction (gradient)
1	4/11/2002	14.81	----	W-NW (0.063)
2	7/26/2002	13.65	-1.16	SW (0.067)
3	10/31/2002	13.19	-0.46	W (0.068)
4	1/28/2003	14.92	1.73	W-NW (0.15)
5	4/27/2003	17.65	2.73	NE (0.015)
6	7/28/2003	15.76	-1.88	NE (0.018)
7	10/27/2003	13.44	-2.33	W (0.06)
8	1/26/2004	15.92	2.49	NE (0.06)
9	4/27/2004	16.07	0.14	E-NE (0.02)
10	7/26/2004	15.29	-0.78	W-SW (0.01)
11	10/26/2004	15.87	0.58	E-SE (0.02)
12	1/28/2005	17.61	1.74	E-SE (0.05)
13	4/25/2005	16.68	-0.93	E-NE (0.01)
14	7/25/2005	14.94	-1.74	NW (0.02)
15	10/25/2005	14.73	-0.21	NW (0.03)
16	1/25/2006**	17.78	3.05	NE (0.020
	1/25/2006*	17.58	----	NE (0.018)
17	4/25/2006 **	17.97	0.19	NE (0.0180
	4/25/2006 *	17.91	0.33	NE (0.018)
18	7/28/2006 **	15.42	-2.55	NE (0.017)
	7/28/2006 *	15.26	-2.65	ENE (0.032)
19	10/25/2006 **	15.15	-0.26	NE (0.016)
	10/25/2006 *	15.06	-0.20	ENE (0.022)
20	1/23/2006 **	15.64	0.49	NE (0.016)
	1/23/2007*	15.58	0.52	ENE(0.019)
21	5/10/2007**	14.67	-0.98	NE (0.016)
	5/10/2007***	15.56	-0.01	ENE(0.019)
22	10/2/2007***	14.38	-1.18	NE(0.007)
23	1/11/2008***	16.72	2.34	SW(0.01)
24	4/8/2008***	16.14	-0.58	SE (0.009)
25	**7/14/2008*** **	**14.99**	**-1.14**	**SE (0.009)**

* = Wells MW-5 thru MW-9, (Shallow Aquifer)
** = Wells MW-1 thru MW-4, (Lower Aquifer)
*** = Wells MW-5 thru MW-17, (Shallow Aquifer)
ft amsl = feet above mean sea level
All well elevations are measured from the top of the well casing.

APPENDIX A
Groundwater Monitoring Well Field Sampling Forms

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-1

Project Name:	Omega Termite	Date of Sampling:	7/24/2008
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)	5.23		
Water Elevation (feet above msl)	5.45		
Well Volumes Purged			
Actual Volume Purged (liters)	5.0		
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
12:18	1.0	19.14	6.75	2354	1.26	-29.3	Clear
12:20	2.0	19.02	6.72	2349	1.31	-36.8	Clear
12:22	3.0	18.88	6.69	2347	1.22	-51.6	Clear
12:24	4.0	18.72	6.69	2373	0.76	-70.1	Clear
12:26	5.0	18.63	6.64	2387	0.66	-73.6	Clear

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

Clear slight hydrocarbon odor.

Purge line @ 12 feet bgs

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-2

Project Name:	Omega Termite	Date of Sampling:	7/24/2008
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)	6.58		
Water Elevation (feet above msl)	5.57		
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
10:20	1.0	20.47	6.84	1684	0.96	-117.4	Clear
10"22	2.0	20.67	6.81	1688	0.91	-123.3	Clear
10:24	3.0	20.84	6.81	1697	0.84	-126.4	Clear
10:26	4.0	20.85	6.80	1701	0.60	-122.6	Clear

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

Clear with strong petroleum odor

Purge line ta 11.5' deep

Well cap under pressure

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-3

Project Name:	Omega Termite	Date of Sampling:	7/24/2008
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)	4.77		
Water Elevation (feet above msl)	5.63		
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
9:21	1.0	19.05	6.50	2435	1.04	580.3	Clear
9:23	2.0	19.21	6.48	2438	0.95	576.9	Clear
9:25	3.0	19.40	6.49	2402	0.86	570.6	Clear
9:27	4.0	19.78	6.51	2383	0.75	570	Clear

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

Clear no hydrocarbon odor.

Purge line @ 11feet bgs

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-4

Project Name:	Omega Termite	Date of Sampling:	7/24/2008
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)	4.78		
Water Elevation (feet above msl)	5.53		
Actual Volume Purged (liters)	5.0		
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
	1.0	20.26	6.82	2287	2.12	39.0	Clear
	2.0	19.81	6.72	2255	1.95	54.7	Clear
	3.0	19.75	6.63	2247	1.76	66.9	Clear
	4.0	19.75	6.59	2236	1.63	76.9	Clear
	5.0	19.75	6.57	2200	1.61	84.8	Clear

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

Clear no hydrocarbon odor.

Purge line @ 11.5 feet bgs

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-6

Project Name:	Omega Termite	Date of Sampling:	7/24/2008
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)	6.79		
Water Elevation (feet above msl)	5.56		
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
11:03	1.0	19.15	6.76	2220	1.02	60.2	clear
	2.0	18.95	6.82	2201	0.92	45.1	clear
	3.0	18.79	6.61	2180	0.86	41.3	clear
11:09	4.0	18.72	6.67	2168	0.76	32.8	clear

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

Clear no hydrocarbon odor.

Purge line @ 11.5 feet bgs

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-7

Project Name:	Omega Termite	Date of Sampling:	7/24/2008
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)	4.98		
Water Elevation (feet above msl)	6.18		
Actual Volume Purged (liters)	5.0		
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
8:32	1.0	18.97	7.52	2738	4.49	148.8	Clear
	2.0	18.89	7.55	2736	4.52	148.9	Clear
	3.0	18.87	7.42	2753	4.46	156.0	Clear
	4.0	18.86	6.99	2815	3.90	172.4	Clear
8:40	5.0	18.85	6.89	2841	3.65	173.8	Clear

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

Clear no hydrocarbon odor.

Purge line @ 27 feet bgs

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-8

Project Name:	Omega Termite	Date of Sampling:	7/24/2008
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)	6.28		
Water Elevation (feet above msl)	6.14		
Actual Volume Purged (liters)	4.0		
Appearance of Purge Water	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
10:43	1.0	19.34	6.83	3885	1.46	5.7	clear
	2.0	18.97	6.74	3870	1.32	19.9	clear
	3.0	18.83	6.7	3863	1.22	29.8	clear
10"49	4.0	18.76	6.66	3860	1.09	38.8	clear

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

Brown, no hydrocarbon odor.

Purge line @ 27 feet bgs

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-9

Project Name:	Omega Termite	Date of Sampling:	7/24/2008
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)	5.75		
Water Elevation (feet above msl)	5.47		
Actual Volume Purged (liters)	5.0		
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
11:58	1.0	19.83	7.41	2641	2.33	61.9	Clear
	2.0	19.2	7.33	2598	2.27	90.6	Clear
	3.0	18.95	7.13	2539	2.15	107.2	Clear
	4.0	18.86	7.02	2500	2.09	113.6	Clear
12:06	5	18.81	6.93	2472	2.08	117.8	Clear

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

Clear slight hydrocarbon odor.

Purge line @ 27 feet bgs

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-10

Project Name:	Omega Termite	Date of Sampling:	7/24/2008
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)	4.78		
Water Elevation (feet above msl)	5.53		
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
9:47	1.0	18.76	6.52	2915	1.13	-11.2	Clear
	2.0	18.64	6.52	2910	1.33	-14.9	Clear
	3.0	18.48	6.52	2899	0.54	-57.6	Clear
9:53	4.0	18.47	6.52	2894	0.51	-59.1	Clear

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

Clear with slight fetid odor

Purge line @ 27 feet bgs

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-11

Project Name:	Omega Termite	Date of Sampling:	10/3/2007
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)	4.78		
Water Elevation (feet above msl)	6.18		
Actual Volume Purged (liters)	5.0		
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
8:58	1.0	18.94	7.61	2108	4.17	138.5	Clear
	2.0	18.73	7.6	2087	4.12	141.8	Clear
	3.0	18.70	7.56	2088	4.14	144.4	Clear
	4.0	18.69	7.50	2088	4.03	149	Clear
9:06	5.0	18.69	7.43	2099	3.99	151.8	Clear

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

Clear no hydrocarbon odor.
Purge line @ 27 feet bgs

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-12

Project Name:	Omega Termite	Date of Sampling:	7/24/2008
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)	4.28		
Water Elevation (feet above msl)	6.18		
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
	1.0	20.01	7.10	1790	1.96	87.8	Clear
	2.0	19.59	7.08	1745	1.95	105.0	Clear
	3.0	19.48	7.07	1742	1.92	109.9	Clear
	4.0	19.35	6.99	1752	1.88	121.1	Clear

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

Clear no hydrocarbon odor.

Purge line @ 27 feet bgs

APPENDIX B
Laboratory Analytical Documentation and Chain of Custody Documentation

McCampbell 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: #262157; Omega Termite, 807 75th, Oakland,CA	Date Sampled: 07/24/08
		Date Received: 07/24/08
	Client Contact: Robert Flory	Date Reported: 07/30/08
	Client P.O.:	Date Completed: 07/29/08

WorkOrder: 0807590

July 30, 2008

Dear Robert:

Enclosed within are:

1) The results of the **11** analyzed samples from your project: **#262157; Omega Termite, 807 75th,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

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

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

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

0807590

McCAMPBELL ANALYTICAL INC.

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553-5560
Telephone: (925) 798-1620 Fax: (925) 798-1622

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 Bill To: Same

Company: AEI Consultants
2500 Camino Diablo, Suite 200
Walnut Creek, CA 94597 E-Mail: rflory@aeiconsultants.com
Tel: (925) 944-2899, extension 122 Fax: (925) 944-2895
Project #: 262157 Project Name: Omega Termite
Project Location: 807 75th, Oakland, CA
Sampler Signature:

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	Soil	Air	Sludge	Other	METHOD PRESERVED: Ice	HCl	HNO_3	Other	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH (8015) diesel / motor oil	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	HVOCs EPA 8260 (8010 list)	BTEX ONLY (EPA 602 / 8020)	Pesticides EPA 608 / 8080	PCBs EPA 608 / 8080	Fuel Aditives by 8260 incl DCA & EDB	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	Halogenated VOCs (8260B - 8010 Target List)	Comments
MW-1		7/24/09	11:25	4	V/L	X					X	X			X	X							X								
MW-2			10:35			X					X	X			X	X															
MW-3			9:35			X					X	X			X	X															
MW-4			1:10			X					X	X			X	X															
MW-6			10:25			X					X	X			X	X															
MW-7			8:50			X					X	X			X	X															
MW-8			10:55			X					X	X			X	X															
MW-9			12:15			X					X	X			X	X							X								
MW-10			10:00			X					X	X			X	X															
MW-11			9:15			X					X	X			X	X							X								
(1) MW-12			1:45			X					X	X			X	X															

Analysis Request | Other | Comments

Comments: Filter Samples for Metals Analysis: Yes / No

Relinquished By:	Date:	Time:	Received By:
	7/24/09	5:15	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 3.0

	VOAS	O&G	METALS	OTHER
GOOD CONDITION ✓	PRESERVATION			
HEAD SPACE ABSENT	APPROPRIATE CONTAINERS ✓			
DECHLORINATED IN LAB	PERSERVED IN LAB			

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0807590 **ClientCode: AEL**

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

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

Email: rflory@aeiconsultants.com
cc:
PO:
ProjectNo: #262157; Omega Termite, 807 75th, Oakland,CA

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

Requested TAT: 5 days

Date Received: **07/24/2008**
Date Printed: **07/24/2008**

					Requested Tests (See legend below)											
Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
0807590-001	MW-1	Water	7/24/2008 12:35	☐	C	A	A	B								
0807590-002	MW-2	Water	7/24/2008 10:35	☐		A		B								
0807590-003	MW-3	Water	7/24/2008 9:35	☐		A		B								
0807590-004	MW-4	Water	7/24/2008 13:10	☐		A		B								
0807590-005	MW-6	Water	7/24/2008 11:25	☐		A		B								
0807590-006	MW-7	Water	7/24/2008 8:50	☐		A		B								
0807590-007	MW-8	Water	7/24/2008 10:55	☐		A		B								
0807590-008	MW-9	Water	7/24/2008 12:15	☐	C	A		B								
0807590-009	MW-10	Water	7/24/2008 10:00	☐		A		B								
0807590-010	MW-11	Water	7/24/2008 9:15	☐	C	A		B								
0807590-011	MW-12	Water	7/24/2008 13:45	☐		A		B								

Test Legend:

1	5-OXYS+PBSCV_W	2	G-MBTEX_W	3	PREDF REPORT	4	TPH(DMO)_W	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.

McCampbell 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

Sample Receipt Checklist

Client Name: **AEI Consultants**
Date and Time Received: **7/24/08 5:51:05 PM**
Project Name: **#262157; Omega Termite, 807 75th, Oakland,CA**
Checklist completed and reviewed by: Ana Venegas
WorkOrder N°: **0807590** 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°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 ☑

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

Client contacted: Date contacted: Contacted by:

Comments:

McCampbell 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	Client Project ID: #262157; Omega Termite, 807 75th, Oakland,CA	Date Sampled: 07/24/08
		Date Received: 07/24/08
2500 Camino Diablo, Ste. #200	Client Contact: Robert Flory	Date Extracted: 07/28/08
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed 07/28/08

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0807590

Lab ID	0807590-001C	0807590-008C	0807590-010C		Reporting Limit for DF =1	
Client ID	MW-1	MW-9	MW-11			
Matrix	W	W	W			
DF	1	2	1		S	W
Compound	**Concentration**				ug/kg	µg/L
tert-Amyl methyl ether (TAME)	ND	ND<1.0	ND		NA	0.5
t-Butyl alcohol (TBA)	11	8.3	ND		NA	2.0
1,2-Dibromoethane (EDB)	ND	ND<1.0	ND		NA	0.5
1,2-Dichloroethane (1,2-DCA)	2.3	11	ND		NA	0.5
Diisopropyl ether (DIPE)	ND	ND<1.0	ND		NA	0.5
Ethyl tert-butyl ether (ETBE)	ND	ND<1.0	ND		NA	0.5
Methyl-t-butyl ether (MTBE)	0.74	1.3	ND		NA	0.5
Surrogate Recoveries (%)						
%SS1:	93	94	98			
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 coelutes with another peak; &) low surrogate due to matrix interference.

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Angela Rydelius, Lab Manager

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AEI Consultants	Client Project ID: #262157; Omega Termite, 807 75th, Oakland,CA	Date Sampled: 07/24/08
		Date Received: 07/24/08
2500 Camino Diablo, Ste. #200	Client Contact: Robert Flory	Date Extracted: 07/25/08-07/28/08
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed 07/25/08-07/28/08

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

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0807590

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-1	W	300,d1	ND<10	40	2.4	6.0	2.7	1	122
002A	MW-2	W	570,d1	ND	2.5	6.9	1.6	2.1	1	118
003A	MW-3	W	ND	ND	ND	ND	ND	ND	1	100
004A	MW-4	W	ND	ND	ND	ND	ND	ND	1	109
005A	MW-6	W	ND	ND	ND	ND	ND	ND	1	101
006A	MW-7	W	ND	ND	ND	ND	ND	ND	1	103
007A	MW-8	W	ND,b1	ND	ND	ND	ND	ND	1	95
008A	MW-9	W	680,d1	ND<10	330	0.69	2.4	7.0	1	106
009A	MW-10	W	ND	ND	ND	ND	ND	ND	1	102
010A	MW-11	W	ND	ND	ND	ND	ND	ND	1	104
011A	MW-12	W	ND	ND	ND	ND	ND	ND	1	108

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

b1) aqueous sample that contains greater than ~1 vol. % sediment
d1) weakly modified or unmodified gasoline is significant

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AEI Consultants	Client Project ID: #262157; Omega Termite, 807 75th, Oakland,CA	Date Sampled: 07/24/08
		Date Received: 07/24/08
2500 Camino Diablo, Ste. #200	Client Contact: Robert Flory	Date Extracted: 07/24/08
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed: 07/25/08-07/30/08

Total Extractable Petroleum Hydrocarbons*

Extraction method: SW3510C Analytical methods: SW8015C Work Order: 0807590

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS
0807590-001B	MW-1	W	440,e2,e4	ND	1	108
0807590-002B	MW-2	W	190,e4,e2	ND	1	110
0807590-003B	MW-3	W	ND	ND	1	110
0807590-004B	MW-4	W	ND	ND	1	110
0807590-005B	MW-6	W	ND	ND	1	110
0807590-006B	MW-7	W	ND	ND	1	112
0807590-007B	MW-8	W	ND,b1	ND	1	111
0807590-008B	MW-9	W	230,e2,e4	ND	1	115
0807590-009B	MW-10	W	ND	ND	1	106
0807590-010B	MW-11	W	ND	ND	1	112
0807590-011B	MW-12	W	ND	ND	1	113

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 McCampbell Analytical is not responsible for their interpretation:

b1) aqueous sample that contains greater than ~1 vol. % sediment
e2) diesel range compounds are significant; no recognizable pattern
e4) gasoline range compounds are significant.

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 37109 WorkOrder 0807590

EPA Method SW8260B **Extraction SW5030B** **Spiked Sample ID: 0807520-004B**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	10	102	103	0.330	117	112	4.56	70 - 130	30	70 - 130	30
Benzene	ND	10	93.8	94	0.154	105	101	3.40	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	88.6	91.5	3.20	109	103	5.05	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	116	115	0.565	126	122	3.94	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	92.5	93.5	1.16	106	102	3.94	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	91.9	92	0.0914	108	104	4.04	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	100	99.3	0.798	116	111	4.25	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	0.59	10	98.5	98.6	0.142	118	114	3.58	70 - 130	30	70 - 130	30
Toluene	ND	10	104	103	0.459	115	111	3.15	70 - 130	30	70 - 130	30
%SS1:	100	25	94	96	1.42	96	96	0	70 - 130	30	70 - 130	30

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

BATCH 37109 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0807590-001C	07/24/08 12:35 PM	07/28/08	07/28/08 8:41 PM	0807590-008C	07/24/08 12:15 PM	07/28/08	07/28/08 9:20 PM
0807590-010C	07/24/08 9:15 AM	07/28/08	07/28/08 9:59 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.

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

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 37144 WorkOrder 0807590

EPA Method SW8015C **Extraction SW3510C** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	99.8	98	1.84	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	108	106	2.35	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 37144 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0807590-001B	07/24/08 12:35 PM	07/24/08	07/25/08 11:40 AM	0807590-002B	07/24/08 10:35 AM	07/24/08	07/25/08 1:56 PM
0807590-003B	07/24/08 9:35 AM	07/24/08	07/25/08 3:04 PM	0807590-004B	07/24/08 1:10 PM	07/24/08	07/25/08 4:12 PM
0807590-005B	07/24/08 11:25 AM	07/24/08	07/25/08 6:29 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.

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 37182 WorkOrder 0807590

EPA Method SW8021B/8015Cm **Extraction SW5030B** **Spiked Sample ID: 0807590-011**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	96	98.4	2.48	93.4	91.8	1.70	70 - 130	20	70 - 130	20
MTBE	ND	10	100	114	12.7	106	103	2.69	70 - 130	20	70 - 130	20
Benzene	ND	10	102	96.1	6.36	104	97.3	6.73	70 - 130	20	70 - 130	20
Toluene	ND	10	113	106	6.65	103	96.7	6.13	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	110	103	6.34	107	101	6.44	70 - 130	20	70 - 130	20
Xylenes	ND	30	121	114	6.14	115	111	3.95	70 - 130	20	70 - 130	20
%SS:	108	10	100	93	7.86	105	100	4.69	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 37182 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0807590-001A	07/24/08 12:35 PM	07/25/08	07/25/08 8:15 PM	0807590-002A	07/24/08 10:35 AM	07/25/08	07/25/08 8:48 PM
0807590-003A	07/24/08 9:35 AM	07/25/08	07/25/08 9:22 PM	0807590-004A	07/24/08 1:10 PM	07/25/08	07/25/08 9:56 PM
0807590-005A	07/24/08 11:25 AM	07/25/08	07/25/08 10:29 PM	0807590-006A	07/24/08 8:50 AM	07/25/08	07/25/08 11:37 PM
0807590-007A	07/24/08 10:55 AM	07/26/08	07/26/08 1:16 AM	0807590-008A	07/24/08 12:15 PM	07/26/08	07/26/08 2:23 AM
0807590-009A	07/24/08 10:00 AM	07/26/08	07/26/08 2:56 AM	0807590-010A	07/24/08 9:15 AM	07/26/08	07/26/08 3:29 AM
0807590-011A	07/24/08 1:45 PM	07/28/08	07/28/08 1:31 PM				

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 37183 WorkOrder 0807590

EPA Method SW8015C **Extraction SW3510C** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	97.7	100	2.40	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	105	108	2.59	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 37183 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0807590-006B	07/24/08 8:50 AM	07/24/08	07/25/08 7:37 PM	0807590-007B	07/24/08 10:55 AM	07/24/08	07/25/08 8:45 PM
0807590-008B	07/24/08 12:15 PM	07/24/08	07/28/08 1:34 PM	0807590-009B	07/24/08 10:00 AM	07/24/08	07/30/08 6:10 AM
0807590-010B	07/24/08 9:15 AM	07/24/08	07/28/08 3:49 PM	0807590-011B	07/24/08 1:45 PM	07/24/08	07/28/08 4:57 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.

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