February 29, 2008

GROUNDWATER MONITORING REPORT
First 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

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February 29, 2008

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

Subject: **Quarterly Groundwater Monitoring Report**
First 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 First 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, 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 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.

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 January 18, 2008. Backfill well TW-5, which has been damaged and is scheduled for destruction, was not sampled.

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. The wells were then purged using a battery-powered submersible pump. Approximately three (3) well volumes were removed from each well. 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 recovery of water levels to 90% of the original level, water samples were collected from each well. Groundwater samples were collected using new disposable 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, benzene, toluene, ethyl benzene, xylenes (BTEX), MTBE 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 5.96 (MW-6) to 6.24 (MW-3, and MW-4)) feet above mean sea level (amsl). These elevations are an average of 0.65 feet higher than the previous quarterly monitoring event. The groundwater hydraulic gradient in the Shallow Zone is 0.003 ft/ft to the northwest.

Groundwater elevations in the Deep Zone monitoring wells ranged from 6.09 (MW-9) to 7.07 (MW-8) feet amsl. These elevations are an average of 0.96 feet higher than the previous quarterly monitoring event. The groundwater hydraulic gradient in the Deep Zone is 0.015 ft/ft to the 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 Figures 3 and 4. Groundwater Monitoring Well Field Sampling Forms are presented Appendix A.

Groundwater Quality

TPH-g, Benzene, and Xylene concentrations in Shallow Zone monitoring well MW-1 increased from 500 µg/L to 4,400 µg/L, from 140 µg/L to 1,300 µg/L, and from 8.0 µg/L to 84 µg/L respectively. TPH-d, Toluene, and Ethylbenzene concentration in MW-1 increased slightly from 440µg/L to 560 µg/L, from ND <0.5 to 2.5 µg/L, and from 1.8 µg/L to 11 µg/L. TPH-mo remained at 260µg/L.

TPH-g and TPH-d concentrations in Shallow Zone monitoring well MW-2 increased from 660 µg/L to 2,200 and from 1,300 µg/L to 3,200µg/L respectively. TPH-mo, Benzene and Toluene increased slightly to 350 µg/L, to 4.1 µg/L, and to 3.7 µg/L, respectively. Ethylbenzene and Xylene concentrations decreased slightly to 26 µg/L and to 40 µg/L.

TPH-g, Benzene, Toluene, Ethylbenzene, and Xylene concentrations in Shallow Zone monitoring well MW-3 increased slightly to 470 µg/L, to 29 µg/L, to 1.5 µg/L, to 34 µg/L, and to 20µg/L, respectively. TPH-d concentrations decreased slightly to 200 µg/L and TPH –mo remained at ND<250 µg/L.

TPH-g, Benzene, Ethylbenzene, and Xylene concentrations in Shallow Zone monitoring well MW-4 decreased slightly 100 µg/L, to 18 µg/L, to 6.2 µg/L, and to 1.4 µg/L. TPH-d, TPH-mo and Toluene concentrations remained below standard laboratory detection levels.

Ethylbenzene concentration increased slightly in Shallow Zone monitoring well MW-6 to 1.3 µg/L. TPH-d concentration decreased to ND<50 µg/L. TPH-g, TPH-mo, MTBE, Benzene, Toluene, Xylene concentrations all remained below standard laboratory detection levels.

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

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

The Benzene concentration in Deep Zone monitoring well MW-9 increased from ND<0.5 µg/L to 100 µg/L. TPH-d, TPH-g, Ethylbenzene, and Xylene concentrations increased slightly to 160 µg/L,

to 250 µg/L, to 1.3 µg/L and to 7.6 µg/L, respectively. TPH-mo, MTBE and Toluene concentrations remained below standard laboratory detection levels.

TPH-g and TPH-d concentrations in Deep Zone monitoring well MW-10 increased slightly to 79 µg/L and to 220 µg/L respectively. MTBE, BTEX and TPH-mo remained below laboratory detection levels.

TPH-g, TPH-d, TPH-mo, MTBE and BTEX were all reported below 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 the Shallow Zone monitoring wells are continuing on an overall downward trend, further indication that the operation of the ozone injection system is having an effect on hydrocarbon concentrations.

There was a slight increase in contamination concentrations in the Deep Zone monitoring wells; however all wells remain very low in hydrocarbon concentration levels.

The next quarterly groundwater monitoring event is tentatively scheduled for June, 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.

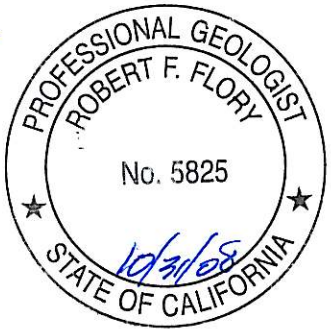
These services were performed in accordance with generally accepted practices in the geologic, environmental engineering and construction fields that existed at the time and location of the work.

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

Russell Bartlett
Staff Scientist

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 (1/18/08)
Figure 4	Groundwater Elevation Contours – Deeper Zone (1/18/08)
Figure 5	Analytical Results (1/18/08)
Figure 6	TPH-g Shallow Zone Isopleths (1/18/08)

Tables

Table 1	Groundwater Elevation Data
Table 2	Groundwater Analytical Data
Table 3	Groundwater Elevation and Flow Direction Summary

Appendix A Groundwater Monitoring Well Field Sampling Forms
Appendix B Laboratory Analytical Documentation and Chain of Custody Documentation

Distribution:

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Mr. Jerry Wickham electronic
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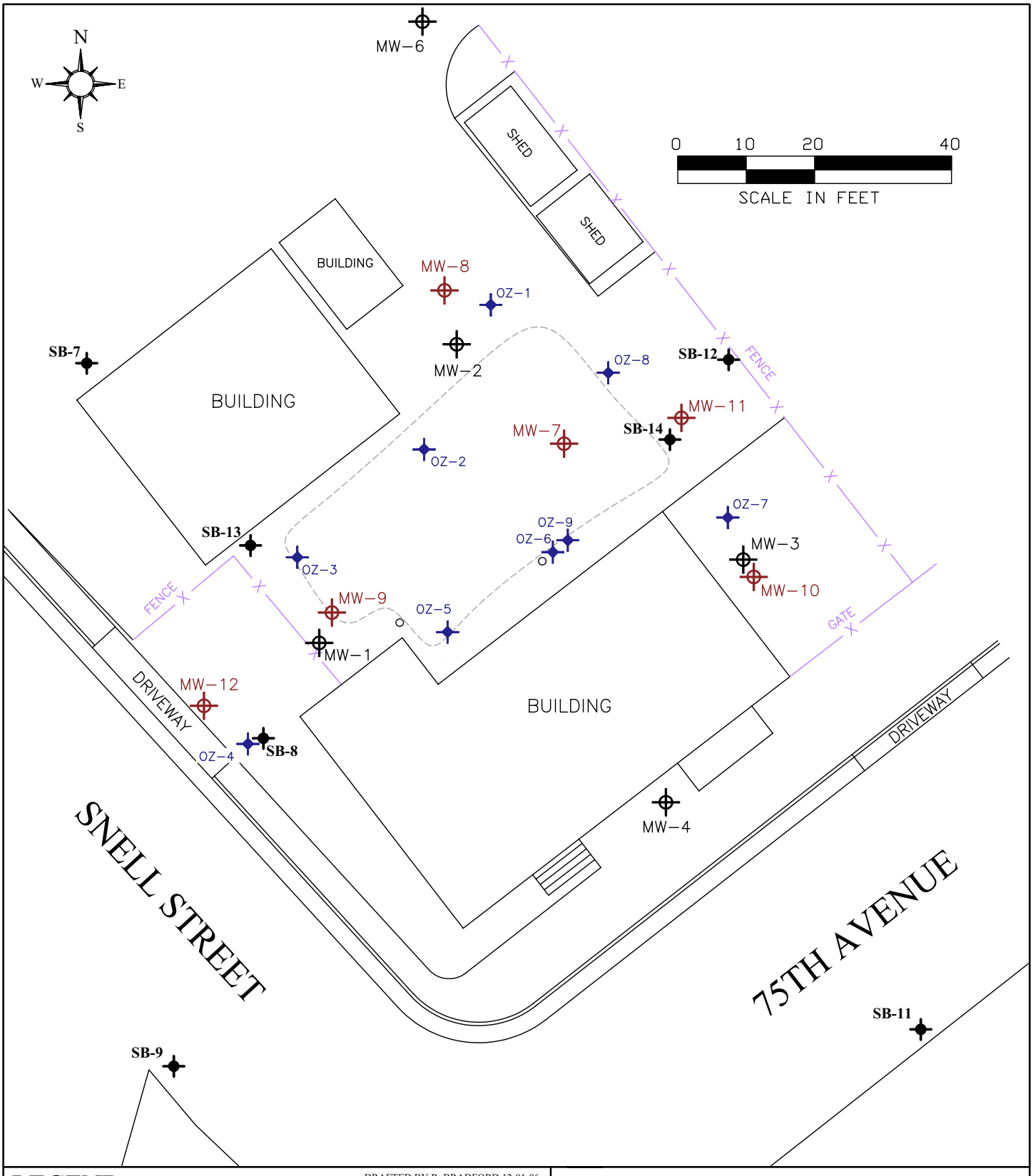
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Betty Graham electronic
San Francisco Bay Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland CA 94612

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)
- 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

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

AEI CONSULTANTS

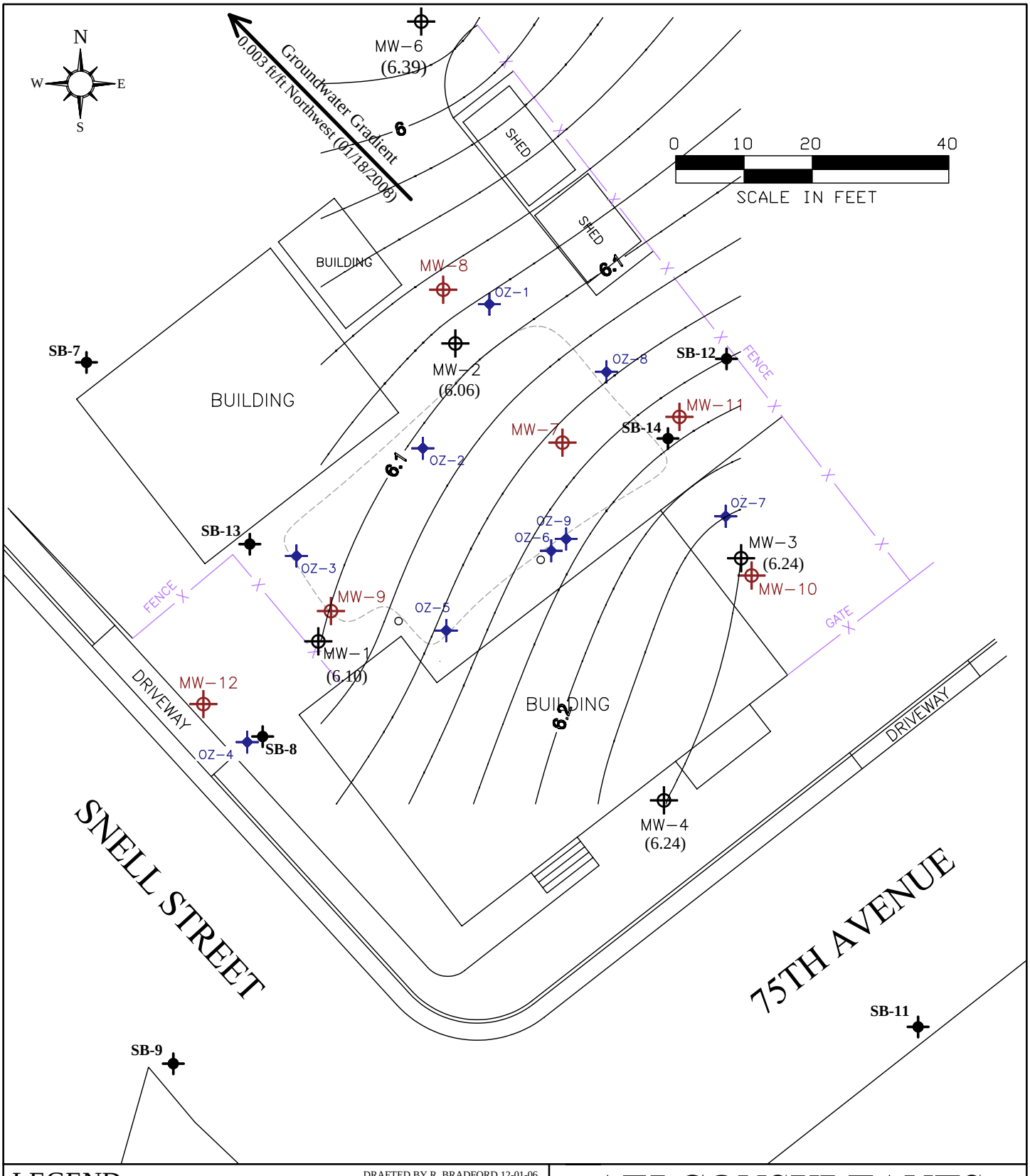
2500 CAMINO DIABLO, WALNUT CREEK

SITE PLAN

807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 2

PROJECT NO. 262157



LEGEND

- MONITORING WELL (SHALLOW) — SHALLOW WELLS 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

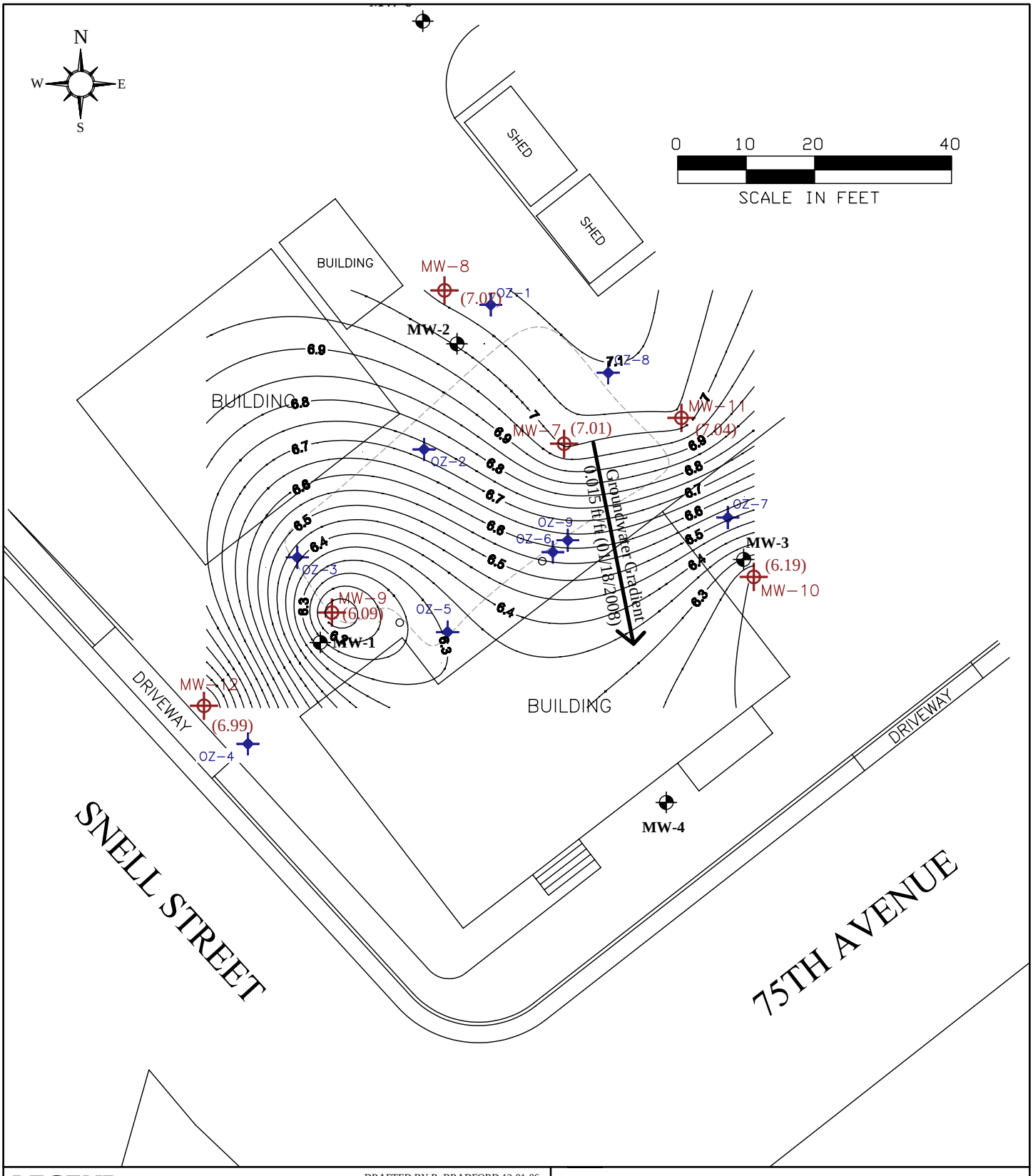
2500 CAMINO DIABLO, SUITE 200, WALNUT CREEK

GROUNDWATER ELEVATION CONTOURS (SHALLOW ZONE WELLS)

807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 3

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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REVISED BY R. BRADFORD 12-18-06

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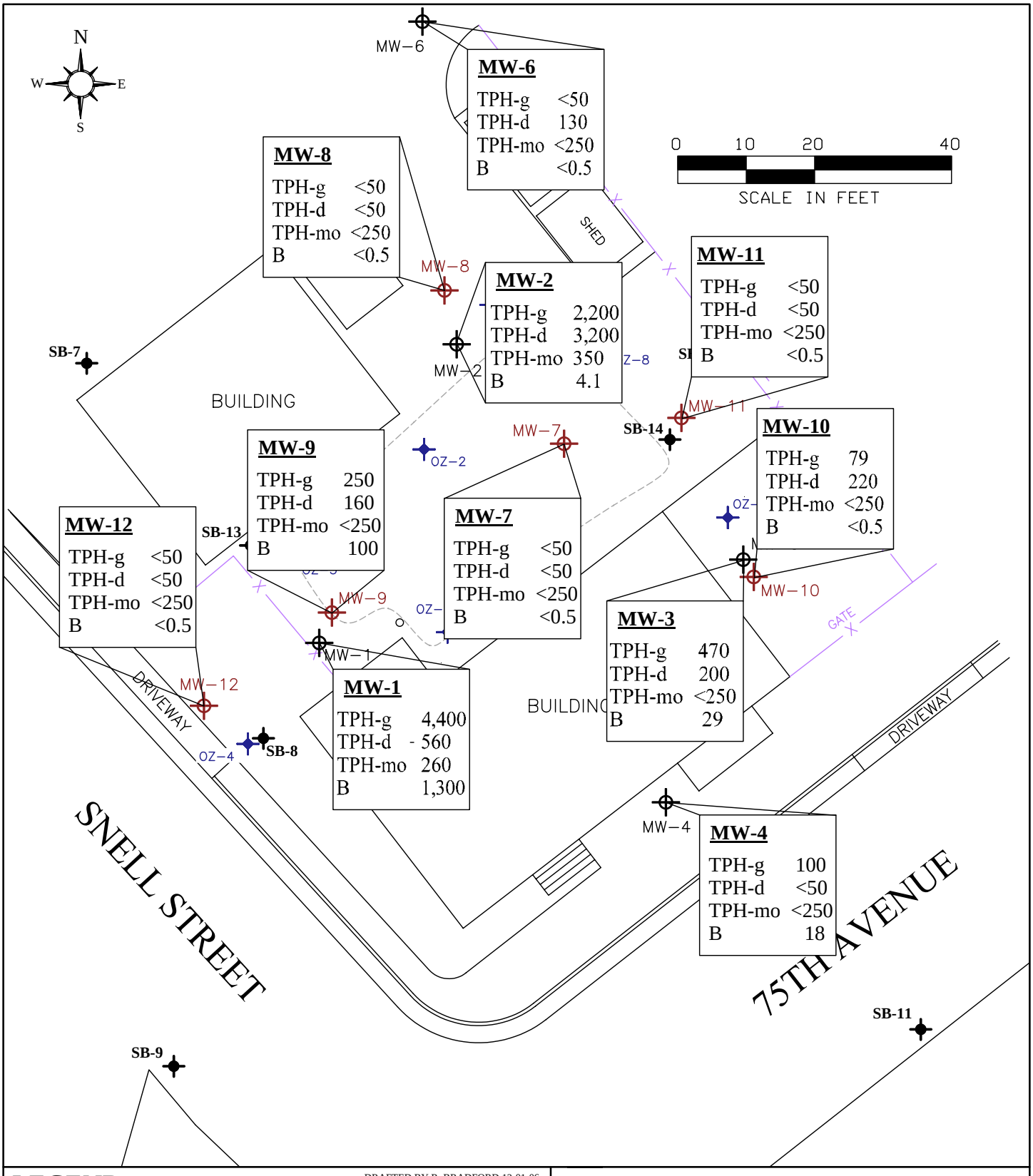
2500 CAMINO DIABLO, SUITE 200, WALNUT CREEK

GROUNDWATER ELEVATION CONTOURS (DEEPER ZONE WELLS)

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 SCREENED FROM ~25 TO 30 FT BGS
- SOIL BORING
- OZONE SPARGE POINT

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2500 CAMINO DIABLO, SUITE 200, WALNUT CREEK

GROUNDWATER ANALYTICALS

807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 5

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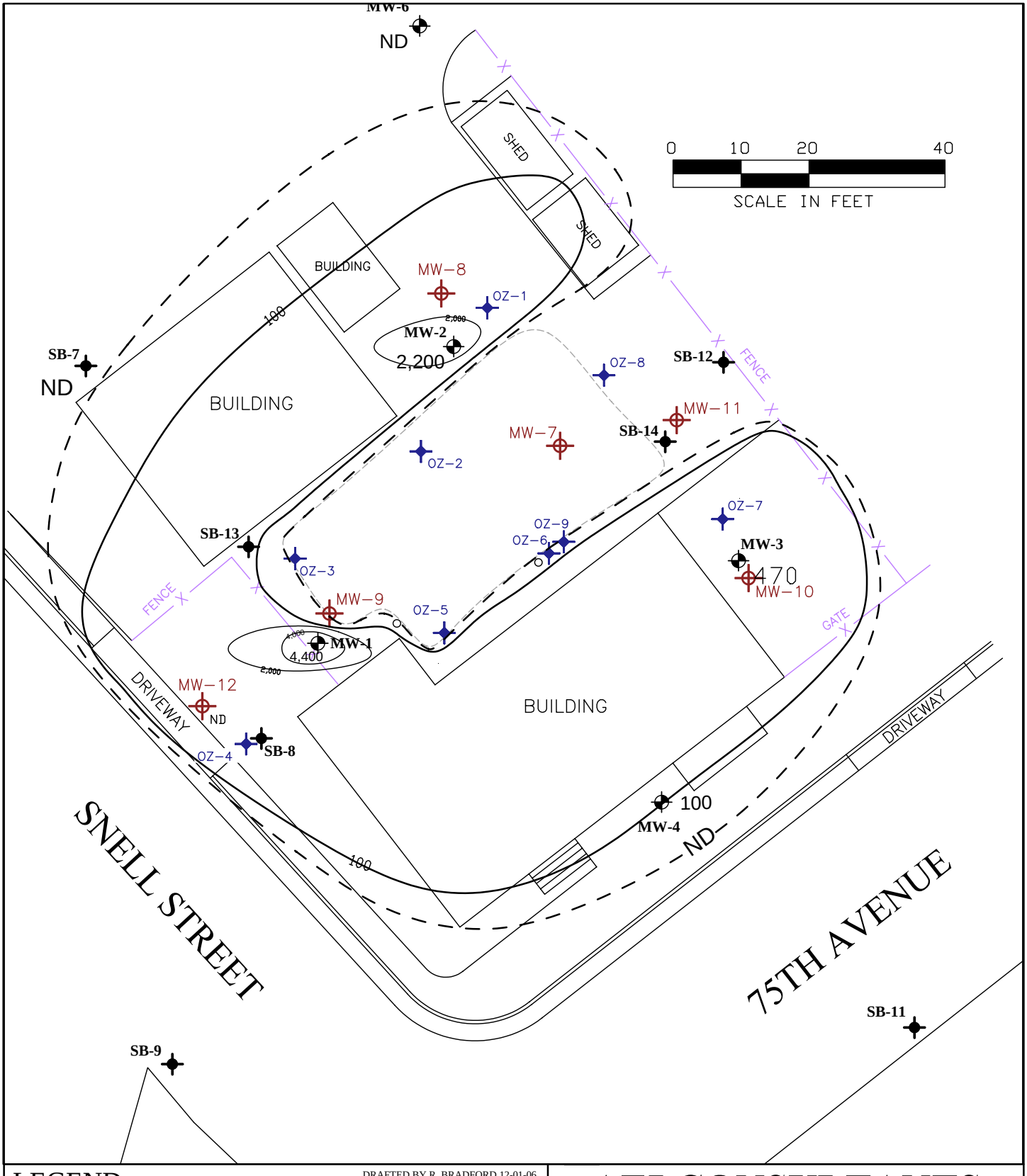

LEGEND

- MONITORING WELL (SHALLOW)
- MONITORING WELL (DEEP)
- SOIL BORING

SHALLOW WELLS SCREEDED FROM ~5 TO 20 FT BGS

DEEP WELLS SCREENED FROM ~25 TO 30 FT BGS

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

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2500 CAMINO DIABLO, SUITE 200, WALNUT CREEK

TPH-G ISOPLETHS (SHALLOW ZONE)

807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 6

PROJECT NO. 262157

TABLES

Table 1: 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
	08/02/06	10.68	5.14	5.54	-0.35
	09/20/06	10.68	5.38	5.30	-0.24
	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**
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	----
	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

Table 1: 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	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**
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
	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
	09/20/26	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**

Table 1: 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-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**
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**			

Table 1: 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-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**
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**
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**
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**
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**
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**
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**

* 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 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**
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
	10/14/03	6.43	1,600	1,300	ND<250	---	ND<10	14	5.9	87	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)
	01/13/04	5.72	2,900	960	ND<250	---	ND<50	26	13	190	150
MW-2	04/15/04	6.02	2,700	1,100	ND<250	---	ND<15	28	11	120	100
continued	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**
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
	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

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)
	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**
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**
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
	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

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)
	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
TW-5	10/18/04	5.89	230	3,700	1,600	---	ND<5.0	0.54	3.4	ND<0.5	0.93
continued	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
	06/15/06	Not sampled, well damaged - will be destroyed									
	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**
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**
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**
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**

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-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**
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**
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**
SB7-W-15	10/09/03	---	ND <50	--	--	--	ND <5.0	ND <0.5	ND <0.5	ND <0.5	ND <0.5
SB8-W-20	10/09/03	---	1,700	--	--	--	8.3	940	2.7	0.58	2.2
SB9-W-20	10/09/03	---	ND <50	--	--	--	ND <5.0	ND <0.5	ND <0.5	ND <0.5	ND <0.5
SB10-W-15	10/09/03	---	ND <50	--	--	--	ND <5.0	ND <0.5	ND <0.5	ND <0.5	ND <0.5
SB11-W-15	10/09/03	---	ND <50	--	--	--	ND <5.0	ND <0.5	ND <0.5	ND <0.5	ND <0.5
SB12-W-15	10/09/03	---	ND <50	150	320	320	ND <5.0	ND <0.5	ND <0.5	ND <0.5	ND <0.5
SB13-W-20	10/10/03	---	891	--	--	--	ND <5.0	27	0.53	2.4	6.2
SB14-W-30	10/10/03	---	2,300[1]	72,000[1]	ND <57	ND <57	45	120	7.8	35	100
GW	09/15/96	---	4,800.0	--	--	--	<130	4,100	3,500	21,000	6,400
BH-1	01/31/97	---	13,000	--	--	--	<60	770	67	530	1,800
BH-4	01/31/97	---	25,000	--	--	--	<50	1,300	110	1,200	2,400
BH-6	01/31/97	---	27,000	--	--	--	230	5,000	410	1,100	2,400

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 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	5.52	-0.41	Shallow Zone 0.005 / SW
	9/20/06	5.93	-0.47	Deeper zone 0.004/ S
28	1/2/07	6.02	0.50	Shallow Zone 0.0004 / NW
	1/2/07	6.38	0.45	Deeper Zone 0.06 / S
29	6/6/07	6.04	0.02	Shallow Zone 0.0004 / NW
	6/6/07	5.67	-0.71	Deeper Zone 0.06 / S
30	10/4/07	5.52	-0.53	Shallow Zone 0.005 / SW
	10/4/07	5.72	0.05	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**

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
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:	1/18/2008
Job Number:	262157	Name of Sampler:	Adrian
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)	4.58		
Water Elevation (feet above msl)	6.10		
Well Volumes Purged	3		
Calculated Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	**7.4**		
Actual Volume Purged (gallons)	8.0		
Appearance of Purge Water	Clears quickly		
Free Product Present?	No	Thickness (ft):	NA

GROUNDWATER SAMPLES

Number of Samples/Container Size: 2 - 40ml VOAs, 1 L Amber

Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
12:21	1	17.81	6.78	2694	0.51	-0.4	Clear
12:22	2	17.52	6.77	2688	0.46	-5.9	Clear
12:23	3	17.46	6.75	2724	0.4	-11.7	Clear
12:24	4	17.61	6.73	2756	0.37	-13.4	Clear
12:25	5	17.96	6.70	2813	0.3	-17.3	Clear
12:26	6	183.10	6.70	2829	0.29	-19.4	Clear
12:27	7	18.17	6.70	2837	0.29	-20.8	Clear
12:28	8	18.33	6.69	2854	0.29	-23.4	Clear

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

Started light grey with slightly Hydrocarbon smells notabled

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-2

Project Name:	Omega Termite	Date of Sampling:	1/18/2008
Job Number:	262157	Name of Sampler:	Adrian
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)	6.06		
Water Elevation (feet above msl)	6.09		
Well Volumes Purged	3		
Calculated Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	**6.9**		
Actual Volume Purged (gallons)	7.0		
Appearance of Purge Water	Fast clearing		
Free Product Present?	No	Thickness (ft):	NA

GROUNDWATER SAMPLES

Number of Samples/Container Size				2 - 40ml VOAs, 1 L Amber			
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
11:25	1	18.45	6.93	2234	0.40	-57.0	Clear
11:26	2	18.07	6.94	2256	0.58	-46.5	Clear
11:27	3	18.23	6.90	2251	0.66	-47.5	Clear
11:28	4	18.42	6.88	2247	0.53	-52.9	Clear
11:29	5	18.61	6.90	2226	0.40	-58.8	Clear
11:30	6	18.99	6.92	2224	0.33	-64.6	Clear
11:31	7	19.18	6.93	2226	0.33	-66.3	Clear

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

Slight grey color with moderate hydrocarbon odors noted. Clears fast

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-3

Project Name:	Omega Termite	Date of Sampling:	1/18/2008
Job Number:	262157	Name of Sampler:	Adrian
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)	4.16		
Water Elevation (feet above msl)	6.24		
Well Volumes Purged	3		
Calculated Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	**7.6**		
Actual Volume Purged (gallons)	8.0		
Appearance of Purge Water	Fast clearing		
Free Product Present?	No	Thickness (ft):	NA

GROUNDWATER SAMPLES

Number of Samples/Container Size				2 - 40ml VOAs, 1 L Amber			
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	1	17.72	6.69	3166	1.38	530.8	Clear
	2	17.00	6.67	3158	1.39	537.9	Clear
	3	16.74	6.66	3141	1.42	539.2	Clear
	4	17.17	6.63	3170	0.8	535.3	Clear
	5	17.92	6.63	3207	0.51	409.7	Clear
	6	18.09	6.67	3230	0.43	131.7	Clear
	7	18.22	6.67	3243	0.42	40.7	Clear
	8	18.32	6.76	3226	0.43	33.6	Clear

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

Almost clear with no hydrocarbon odors

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-4

Project Name:	Omega Termite	Date of Sampling:	1/18/2008
Job Number:	262157	Name of Sampler:	Adrian
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)	4.07		
Water Elevation (feet above msl)	6.24		
Well Volumes Purged	3		
Calculated Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	**7.6**		
Actual Volume Purged (gallons)	8.0		
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 (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
9:26am	1	18.74	6.76	2289	3.20	290	Clear
	2	1796	6.80	2123	3.53	275.6	Clear
	3	17.93	6.78	2135	3.07	271.2	Clear
	4	18.18	6.75	2249	2.90	271	Clear
	5	18.34	6.73	2305	2.77	274.9	Clear
	6	18.59	6.71	2419	2.35	287.1	Clear
	7	18.83	6.69	2643	1.82	326.6	Clear
9:33am	8	18.86	6.66	2848	1.41	350.5	Clear

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

Clear with no hydrocarbon odors noted.

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-6

Project Name:	Omega Termite	Date of Sampling:	1/18/2008
Job Number:	262157	Name of Sampler:	Adrian
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)	6.39		
Water Elevation (feet above msl)	5.96		
Well Volumes Purged			
Calculated Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	**4.0**		
Actual Volume Purged (gallons)	4.0		
Appearance of Purge Water	clear at 2 gallons		
Free Product Present?	No	Thickness (ft):	NA

GROUNDWATER SAMPLES

Number of Samples/Container Size: 2 - 40ml VOAs, 1 L Amber

Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
10:25	1	17.05	6.89	2256	0.52	52.0	Clear
	2	17.12	6.86	2240	0.44	52.9	Clear
	3	17.57	6.82	2241	0.37	57.2	Clear
10:28am	4	17.62	6.81	2241	0.36	57.7	Clear

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

Brown with no hydrocarbon odors noted.

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-7

Project Name:	Omega Termite	Date of Sampling:	1/18/2008
Job Number:	262157	Name of Sampler:	Adrian
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)	4.15		
Water Elevation (feet above msl)	7.01		
Well Volumes Purged	3		
Calculated Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	**14.8**		
Actual Volume Purged (gallons)	15.0		
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 (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	1	18.60	6.87	3702	7.95	206.2	
	2	18.62	6.87	3702	8.14	192.8	
	3	18.63	6.86	3699	8.26	172.5	
	4	18.64	6.86	3699	8.5	159	
	6	18.65	6.86	3696	8.57	149.2	
	8	18.65	6.85	3689	8.54	138.0	
	10	18.65	6.85	3686	8.57	133.8	
	12	18.66	6.85	3678	8.64	128.5	
	15	18.67	6.84	3659	8.76	123.0	

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

No hydrocarbon odors noted.

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-8

Project Name:	Omega Termite	Date of Sampling:	1/18/2008
Job Number:	262157	Name of Sampler:	Adrian
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)	5.35		
Water Elevation (feet above msl)	7.07		
Well Volumes Purged	3		
Calculated Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	**14.2**		
Actual Volume Purged (gallons)	15.0		
Appearance of Purge Water	Brown changing to clear @ 3.5gal.		
Free Product Present?	No	Thickness (ft):	NA

GROUNDWATER SAMPLES

Number of Samples/Container Size: 2 - 40ml VOAs, 1 L Amber

Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
11:08am	1	18.71	6.94	4976	4.56	104.9	Brown
	2	18.74	6.92	4975	4.82	108.2	Brown
	3	18.75	6.91	4985	5..08	110.7	Brown
	4	18.64	6.89	4984	4.71	112.2	Brown
	5	18.60	6.89	4981	4.39	111..7	Brown
	7	18.49	6.86	4988	3.40	107.7	Brown
	9	18.51	6.85	4987	2.86	107.7	Brown
	11	18.57	6.85	4985	2.54	106.4	Brown
	13	18.60	6.84	1983	2.43	105.7	Brown
11:17am	15	18.6	6.84	4978	2.27	105	Brown

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

Milky brown with No hydrocarbon odors noted. Light brwon at 1.5 gallons

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-9

Project Name:	Omega Termite	Date of Sampling:	1/18/2008
Job Number:	262157	Name of Sampler:	Adrian
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)	5.13		
Water Elevation (feet above msl)	6.09		
Well Volumes Purged	3		
Calculated Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	**14.3**		
Actual Volume Purged (gallons)	15.0		
Appearance of Purge Water	Light brown at 2 gallons		
Free Product Present?	No	Thickness (ft):	NA

GROUNDWATER SAMPLES

Number of Samples/Container Size: 2 - 40ml VOAs, 1 L Amber

Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	1	18.62	7.16	3118	14.73	37.9	Light brown
	2	18.59	7.12	3114	14..11	43.8	Light brown
	3	18.47	7.09	3105	13.00	50.3	Light brown
	4	18.31	7.06	3091	11.60	54.8	Light brown
	5	18.26	7.05	3087	11.14	56.3	Light brown
	7	18.57	6.94	3069	6.71	62.5	Light brown
	9	18.67	6.97	3405	5.27	64.2	Light brown
	11	18.63	6.95	3467	4.46	64.6	Light brown
	13	18.72	6.84	3024	5.3	76	Light brown
	15	18.67	6.83	3024	4.49	78.9	Light brown

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

Brown with no hydrocarbon odors. .

Light brown @ 2 gallons. Went dry at 11 gallons @ 11:45 am

Recharged @ 12:13 pm

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-10

Project Name:	Omega Termite	Date of Sampling:	1/18/2008
Job Number:	262157	Name of Sampler:	Adrian
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)	4.12		
Water Elevation (feet above msl)	6.19		
Well Volumes Purged	3		
Calculated Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	**14.6**		
Actual Volume Purged (gallons)	15.0		
Appearance of Purge Water	Brown, clears fast		
Free Product Present?	No	Thickness (ft):	NA

GROUNDWATER SAMPLES

Number of Samples/Container Size: 2 - 40ml VOAs, 1 L Amber

Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	1	18.65	6.79	3512	3.29	27.0	clear
	2	18.52	6.80	3517	3.74	29.7	clear
	3	18.34	6.80	3520	3.62	14.5	clear
	5	18.11	6.80	3511	3.41	1.3	clear
	7	17.85	6.81	3495	3.14	-9.1	clear
	9	18.68	6.63	3824	0.56	27.8	clear
	11	18.72	6.66	3416	2.61	-26.0	light brown
	13	18.79	6.67	3400	1.28	-34.1	clear
	15	18.78	6.68	3402	1.12	-36.9	clear

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

Brown with hydrocarbon odors noted. Clears @ 1 gallon

Well dry at 9.5 gallons 9;47am, recharged @ 10:13 am

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:	Adrian
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)	3.92		
Water Elevation (feet above msl)	7.04		
Well Volumes Purged	3		
Calculated Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	**14.9**		
Actual Volume Purged (gallons)	16.0		
Appearance of Purge Water	Initially brown, then clear @ 2.5 gal.		
Free Product Present?	No	Thickness (ft):	NA

GROUNDWATER SAMPLES

Number of Samples/Container Size: 2 - 40ml VOAs, 1 L Amber

Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	1	18.60	7.37	2822	16.52	140.1	light brown
	2	18.65	7.35	2807	18.19	146.1	clear
	3	18.66	7.33	2805	18.31	148.9	clear
	4	18.67	7.32	2803	18.36	152.2	clear
	6	18.68	7.30	2801	18.31	154.1	clear
	8	18.68	7.29	1799	18.22	155.2	clear
	10	18.69	7.27	2796	18.00	156.6	clear
	12	18.69	7.25	2795	17.87	155.6	clear
	14	18.69	7.25	2795	17.81	156.8	clear
	16	18.7	7.25	2794	17.78	159.1	clear

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

No hydrocarbon odor. Clear at 2.5 Gallons

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-12

Project Name:	Omega Termite	Date of Sampling:	1/18/2008
Job Number:	262157	Name of Sampler:	Adrian
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)	3.32		
Water Elevation (feet above msl)	7.14		
Well Volumes Purged	3		
Calculated Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	**15.2**		
Actual Volume Purged (gallons)	16.0		
Appearance of Purge Water	milky brown. Clears @ 1.5gal		
Free Product Present?	No	Thickness (ft):	NA

GROUNDWATER SAMPLES

Number of Samples/Container Size: 2 - 40ml VOAs, 1 L Amber

Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	1	18.95	7.40	2532	16.97	122.6	Light brown
	2	19.05	7.36	2535	17.15	127.9	clear
	3	19.03	7.32	2544	16.93	133.6	clear
	4	19.02	7.30	2547	16.64	136.2	clear
	6	18.93	7.23	2554	15.55	138.1	clear
	8	18.83	7.17	2565	14.20	141.2	clear
	10	18.82	7.16	2572	13.80	143.2	clear
	12	18.82	7.12	2575	12.88	147.2	clear
	14	18.82	7.1	2580	12.45	148.4	clear
	16	18.83	7.09	2582	12.03	149.8	clear

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

Brown with No hydrocarbon odor. Clears @ 1.5 Gallons

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	Date Sampled: 01/18/08
		Date Received: 01/18/08
	Client Contact: Robert Flory	Date Reported: 01/25/08
	Client P.O.:	Date Completed: 01/25/08

WorkOrder: 0801471

January 25, 2008

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

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

0801471

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

Company: AEI Consultants

2500 Camino Diablo, Suite 200, Walnut Creek, CA 94597

E-Mail: rflory@aeiconsultants.com; rbradford@aeiconsultants.com

Tel: (925) 944-2899, ext. 122; ext. 148 Fax: (925) 944-2895

Project #: 262157 Project Name: Omega Termite

Project Location: 807 75th Avenue, 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	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	Other	Comments
+1	MW-1		1/18/08	11:10a	4	VIA	X					X	X			X	X	X													
+1	MW-2			12:30			X					X	X			X	X	X													
+1	MW-3			11:05			X					X	X			X	X	X													
+1	MW-4			12:05			X					X	X			X	X	X													
~~+1~~	~~TW-5~~						X					X	X			~~X~~	~~X~~	~~X~~													~~DAMAGED~~
+1	MW-6			12:10			X					X	X			X	X	X													
+1	MW-7			9:55			X					X	X			X	X	X													
+1	MW-8			12:00			X					X	X			X	X	X													
+1	MW-9			1:00			X					X	X			X	X	X													
+1	MW-10			10:55			X					X	X			X	X	X													
+1	MW-11			10:00			X					X	X			X	X	X													
+1	MW-12			12:55	1	1	X					X	X			X	X	X													

Relinquished By:	Date:	Time:	Received By:
	1/18/08	5:50	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 7.2°C
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
DECHLORINATED IN LAB N/A

PRESERVATION	VOAS	O&G	METALS	OTHER
APPROPRIATE ✓				
CONTAINERS ✓				

PERSERVED IN LAB N/A

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0801471 **ClientID: AEL**

☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty

Report to:
Robert Flory; Ricky Bradford
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597

Email:
TEL: (925) 283-6000 FAX: (925) 944-2895
ProjectNo: #262157; Omega Termite
PO:

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

Requested TAT: 5 days

Date Received: **01/18/2008**
Date Printed: **01/22/2008**

					Requested Tests (See legend below)											
Sample ID	**ClientSampID**	**Matrix**	**Collection Date**	**Hold**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
0801471-001	MW-1	Water	1/18/2008 1:10:00	☐	A	A	B									
0801471-002	MW-2	Water	1/18/2008	☐	A		B									
0801471-003	MW-3	Water	1/18/2008	☐	A		B									
0801471-004	MW-4	Water	1/18/2008	☐	A		B									
0801471-005	MW-6	Water	1/18/2008	☐	A		B									
0801471-006	MW-7	Water	1/18/2008 9:55:00	☐	A		B									
0801471-007	MW-8	Water	1/18/2008	☐	A		B									
0801471-008	MW-9	Water	1/18/2008 1:00:00	☐	A		B									
0801471-009	MW-10	Water	1/18/2008	☐	A		B									
0801471-010	MW-11	Water	1/18/2008	☐	A		B									
0801471-011	MW-12	Water	1/18/2008	☐	A		B									

Test Legend:

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

Prepared by: Samantha Arbuckle

Comments:

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

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: **1/18/08 4:32:23 PM**

Project Name: **#262157; Omega Termite**

Checklist completed and reviewed by: Samantha Arbuckle

WorkOrder N°: **0801471** 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: 7.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

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	Date Sampled: 01/18/08
2500 Camino Diablo, Ste. #200		Date Received: 01/18/08
Walnut Creek, CA 94597	Client Contact: Robert Flory	Date Extracted: 01/19/08-01/24/08
	Client P.O.:	Date Analyzed 01/19/08-01/24/08

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

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0801471

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-1	W	4400,a,i	ND<25	1300	2.5	11	84	5	91
002A	MW-2	W	2200,b,m,i	ND	4.1	3.7	26	40	1	114
003A	MW-3	W	470,a,i	ND	29	1.5	34	20	1	101
004A	MW-4	W	100,a,i	ND	18	ND	6.2	1.4	1	96
005A	MW-6	W	ND,i	ND	ND	ND	1.3	ND	1	93
006A	MW-7	W	ND,i	ND	ND	ND	ND	ND	1	94
007A	MW-8	W	ND,i	ND	ND	ND	ND	ND	1	92
008A	MW-9	W	250,a,i	ND	100	ND	1.3	7.6	1	97
009A	MW-10	W	79,g,i	ND	ND	ND	ND	ND	1	105
010A	MW-11	W	ND,i	ND	ND	ND	ND	ND	1	117
011A	MW-12	W	ND,i	ND	ND	ND	ND	ND	1	108

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	1	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: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: #262157; Omega Termite	Date Sampled: 01/18/08
		Date Received: 01/18/08
	Client Contact: Robert Flory	Date Extracted: 01/18/08
	Client P.O.:	Date Analyzed 01/19/08-01/22/08

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil*

Extraction method: SW3510C Analytical methods: SW8015C Work Order: 0801471

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0801471-001B	MW-1	W	560,a,d,i	260	1	102
0801471-002B	MW-2	W	3200,d,k,i	350	1	110
0801471-003B	MW-3	W	200,d,b,i	ND	1	102
0801471-004B	MW-4	W	ND,i	ND	1	102
0801471-005B	MW-6	W	130,b,d,i	ND	1	102
0801471-006B	MW-7	W	ND,i	ND	1	103
0801471-007B	MW-8	W	ND,i	ND	1	103
0801471-008B	MW-9	W	160,b,i	ND	1	102
0801471-009B	MW-10	W	220,k,i	ND	1	102
0801471-010B	MW-11	W	ND,i	ND	1	101
0801471-011B	MW-12	W	ND,i	ND	1	116

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: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant (cooking oil?); h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil range (?); no recognizable pattern; m) fuel oil; n) stoddard solvent/mineral spirits; p) see attached narrative.

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0801471

EPA Method SW8021B/8015Cm Extraction SW5030B BatchID: 33243 Spiked Sample ID: 0801432-005A

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	109	109	0	101	111	8.88	70 - 130	30	70 - 130	30
MTBE	ND	10	124	121	1.95	123	117	5.05	70 - 130	30	70 - 130	30
Benzene	ND	10	93.5	97.3	4.06	106	101	4.47	70 - 130	30	70 - 130	30
Toluene	ND	10	104	107	3.21	116	112	3.75	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	102	106	3.67	110	110	0	70 - 130	30	70 - 130	30
Xylenes	ND	30	110	113	2.99	120	120	0	70 - 130	30	70 - 130	30
%SS:	107	10	89	89	0	98	93	4.27	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 33243 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0801471-001A	01/18/08 1:10 PM	01/23/08	01/23/08 5:12 AM	0801471-002A	01/18/08 12:50 PM	01/23/08	01/23/08 1:40 AM
0801471-003A	01/18/08 11:05 AM	01/19/08	01/19/08 6:58 AM	0801471-004A	01/18/08 12:05 PM	01/19/08	01/19/08 7:32 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.

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0801471

EPA Method SW8021B/8015Cm Extraction SW5030B BatchID: 33276 Spiked Sample ID: 0801476-004A

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	108	99.7	8.13	122	118	3.17	70 - 130	30	70 - 130	30
MTBE	ND	10	107	111	3.64	94.4	96.7	2.41	70 - 130	30	70 - 130	30
Benzene	ND	10	97.8	101	3.48	95.2	96.8	1.63	70 - 130	30	70 - 130	30
Toluene	ND	10	98.2	100	2.25	94.5	96.3	1.84	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	102	103	1.63	97.4	101	3.72	70 - 130	30	70 - 130	30
Xylenes	ND	30	110	110	0	110	110	0	70 - 130	30	70 - 130	30
%SS:	92	10	92	95	2.73	90	92	1.94	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 33276 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0801471-005A	01/18/08 12:10 PM	01/19/08	01/19/08 8:05 AM	0801471-006A	01/18/08 9:55 AM	01/19/08	01/19/08 8:39 AM
0801471-007A	01/18/08 12:00 PM	01/19/08	01/19/08 9:12 AM	0801471-008A	01/18/08 1:00 PM	01/19/08	01/19/08 9:46 AM
0801471-009A	01/18/08 10:55 AM	01/24/08	01/24/08 11:09 PM	0801471-010A	01/18/08 10:10 AM	01/23/08	01/23/08 5:42 PM
0801471-011A	01/18/08 12:55 PM	01/19/08	01/19/08 12:04 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.

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0801471

EPA Method SW8015C **Extraction SW3510C** **BatchID: 33196** **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(d)	N/A	1000	N/A	N/A	N/A	112	115	1.95	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	114	111	2.88	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 33196 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0801471-001B	01/18/08 1:10 PM	01/18/08	01/19/08 1:40 AM	0801471-002B	01/18/08 12:50 PM	01/18/08	01/22/08 3:41 PM
0801471-003B	01/18/08 11:05 AM	01/18/08	01/19/08 6:14 AM	0801471-004B	01/18/08 12:05 PM	01/18/08	01/19/08 7:22 AM
0801471-005B	01/18/08 12:10 PM	01/18/08	01/19/08 8:30 AM	0801471-006B	01/18/08 9:55 AM	01/18/08	01/19/08 9:39 AM
0801471-007B	01/18/08 12:00 PM	01/18/08	01/19/08 10:47 AM	0801471-008B	01/18/08 1:00 PM	01/18/08	01/19/08 11:55 AM
0801471-009B	01/18/08 10:55 AM	01/18/08	01/19/08 1:04 PM	0801471-010B	01/18/08 10:10 AM	01/18/08	01/19/08 2:12 PM
0801471-011B	01/18/08 12:55 PM	01/18/08	01/22/08 12:53 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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QA/QC Officer