November 13, 2006

GROUNDWATER MONITORING REPORT
Third Quarter, 2006

807 75th Avenue
Oakland, California

AEI Project No. 115483
ACHCS # RO0000508

Prepared For

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

Prepared By

AEI Consultants
2500 Camino Diablo Blvd., Suite 100
Walnut Creek, CA 94597
(925) 944-2899

AEI

2500 Camino Diablo, Suite 100, Walnut Creek, CA 94597
Phone: (925) 944-2899 Fax: (925) 944-2895

November 13, 2006

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

Subject: **Quarterly Groundwater Monitoring Report**
Third Quarter, 2006
807 75th Avenue
Oakland, California
AEI Project No. 115483
ACHCS # RO0000508

Dear Mr. Kanady:

AEI Consultants (AEI) has prepared this report to document the results of the third Quarter, 2006 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.

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 indicate 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 four (deeper Zone wells (MW-7 through MW-10) on September 20, 2006. 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 wells ranged from 5.30 (MW-1) to 5.52 (MW-2) feet above mean sea level (amsl). These elevations are an average of 0.93 feet lower than the previous quarterly monitoring event. The groundwater hydraulic gradient in the Shallow Zone is 0.005 ft/ft to the southwest.

Groundwater elevations in the Deeper Zone wells ranged from 5.41 (MW-9) to 6.39 (MW-7 & MW-8) feet amsl. These elevations are an average of 0.47 feet lower than the previous quarterly monitoring event. The groundwater hydraulic gradient in the Deeper Zone is 0.043 ft/ft to the south.

Current and historical Groundwater elevation data are summarized in Table 3 and 3a. The groundwater elevation contours and the groundwater flow direction are shown in Figures 3 and 4. Refer to Appendix A for the Groundwater Monitoring Well Field Sampling Forms.

Groundwater Quality

TPH-g and benzene concentrations in Shallow Zone monitoring well MW-1 increased from 3,200 µg/L to 3,500 µg/L and from 1,400 µg/L to 1,700 µg/L, respectively. TPH-d and TPH-mo concentrations in MW-1 decreased from 640 µg/L to 550 µg/L and from 320 µg/L to 270 µg/L, respectively.

TPH-g and benzene concentrations in monitoring well MW-2 increased from 2,200 µg/L to 2,400 µg/L and from 8.4 µg/L to 12 µg/L, respectively. However, TPH-d and TPH-mo increased from 2,400 µg/L to 860 µg/L and from 270 µg/L to ND<250 µg/L, respectively.

TPH-g and benzene concentrations in monitoring well MW-3 decreased from 670 µg/L to 510 µg/L and from 76 µg/L to 49 µg/L, respectively. TPH-d remained the same at 300 µg/L while TPH-mo increased from ND<250 µg/L to 310 µg/L.

TPH-g and benzene concentrations in monitoring well MW-4 decreased from 460 µg/L to 260 µg/L and from 93 µg/L to 63 µg/L, respectively. TPH-d and TPH-mo increased from 86 µg/L to 170 µg/L and from ND<250 µg/L to 360 µg/L, respectively.

The TPH-d concentration in MW-6 decreased from 110 µg/L to 59 µg/L. TPH-g, TPH-mo, MTBE and BTEX were all reported as not detected at standard detection limits.

The TPH-d concentration in MW-7 decreased from 520 µg/L to 150 µg/L. TPH-g, TPH-mo, MTBE and BTEX continue to be reported as not detected at standard detection limits.

The TPH-d concentration in MW-8 decreased from 140 µg/L to 65 µg/L. TPH-g, TPH-mo, MTBE and BTEX continue to be reported as not detected at standard detection limits.

TPH-g concentrations in Deeper Zone monitoring well MW-9 decreased from 460 µg/L to 130 µg/L, while benzene decreased from 170 µg/L to 20 µg/L, respectively. TPH-d and TPH-mo concentrations in MW-9 decreased from 2,100 µg/L to 1,400 µg/L and from 710 µg/L to 460 µg/L, respectively.

TPH-g and benzene concentrations in monitoring well MW-10 remained at ND<50 µg/L and ND<0.5 µg/L, respectively, while TPH-d and TPH-mo increased from below detection limits to 280 µg/L and 460 µg/L, respectively.

A summary of groundwater analytical data is presented in Table 2 and on Figure 5. Contaminant isopleths are presented in Figures 6 through 11. Laboratory results and chain of custody documents are included in Appendix B.

Summary

Contaminant concentrations are reasonably consistent with previous findings. The noted decreases appear to be consistent with historical seasonal lows in the 3rd and 4th quarters. The lower concentrations in deeper wells are not consistent with the non-aqueous phase liquid (NAPL) petroleum observed during the drilling of MW-9 and SB-14.

During the 4th Quarter, as required by ACHCSA, the additional deeper groundwater monitoring wells MW-11 and MW-12 and the ozone sparging groundwater treatment system will be installed. The next quarterly groundwater monitoring event is tentatively scheduled for December 2006, by which time the additional wells should be installed.

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

PROFESSIONAL GEOLOGIST
ROBERT F. FLORY
No. 5825
10/31/06
STATE OF CALIFORNIA

Robert F. Flory, P.G.
Senior Geologist

Ricky Bradford
Senior Staff Engineer

Peter McIntyre, P.G.
Senior Project Manager

Attachments

Figures

Figure 1	Site Location Map
Figure 2	Site Plan
Figure 3	Groundwater Gradient – Shallow Zone (9/20/06)
Figure 4	Groundwater Gradient – Deeper Zone (9/20/06)
Figure 5	Analytical Results (9/20/06)
Figure 6	TPH-g Isopleths – Shallow Zone (9/20/06)
Figure 7	TPH-g Isopleths – Deeper Zone (9/20/06)
Figure 8	TPH-d Isopleths – Shallow Zone (9/20/06)
Figure 9	TPH-d Isopleths – Deeper Zone (9/20/06)
Figure 10	Benzene Isopleths – Shallow Zone (9/20/06)
Figure 11	Benzene Isopleths – Deeper Zone (9/20/06)

Tables

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

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

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

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

GeoTracker

FIGURES

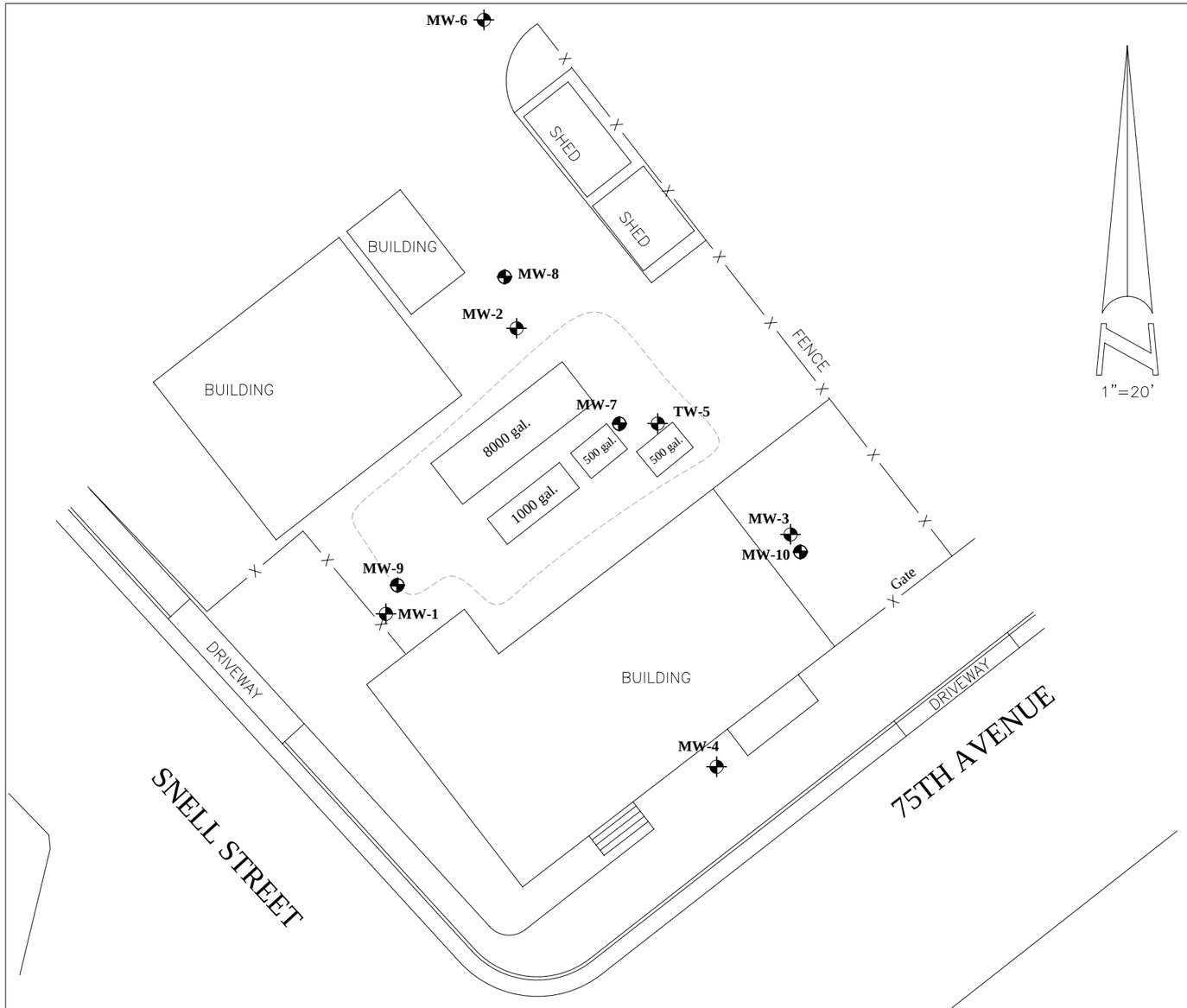
AEI CONSULTANTS

2500 CAMINO DIABLO, SUITE 200, WALNUT CREEK, CA

SITE LOCATION MAP

807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 1
AEI PROJECT NO. 115483



1"=20'

LEGEND

- Groundwater Monitoring Well shallow (10 - 20 ft. deep, screened above 20 ft.)
- Groundwater Monitoring Well (30 - 33 feet deep, screened from 25' to total depth)

0 10 20 40 60

SCALE IN FEET

AEI CONSULTANTS

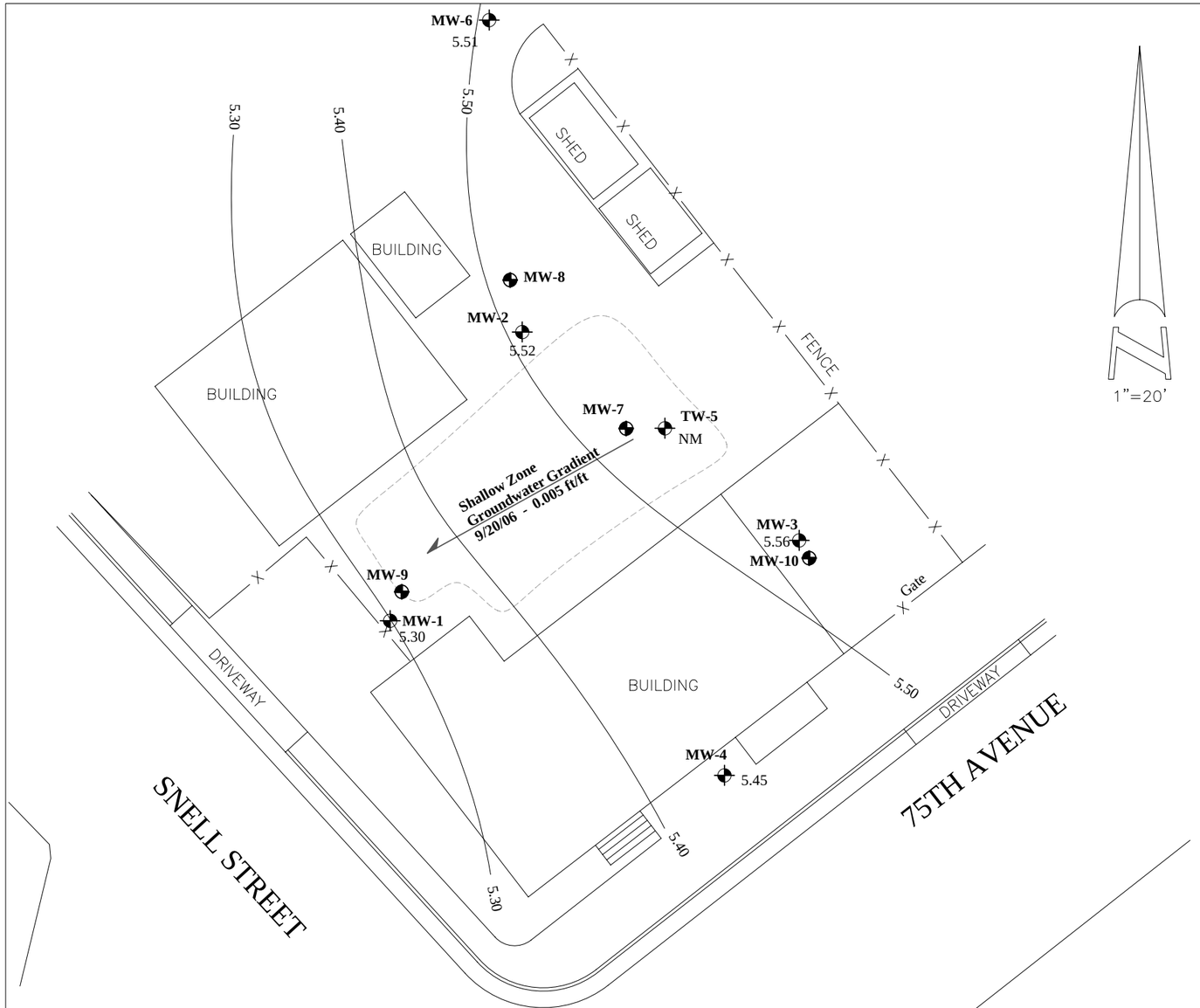
2500 CAMINO DIABLO, STE. 100, WALNUT CREEK, CA

SITE PLAN

OMEGA TERMITE
807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 2

Project No. 115483



1"=20'

LEGEND

- Groundwater Monitoring Well shallow (10 - 20 ft. deep, screened above 20 ft.)
- Groundwater Monitoring Well (30 - 33 feet deep, screened from 25' to total depth)
- 6.02 Groundwater elevation used for contouring
- 5.85* Groundwater elevation not used for contouring

0 10 20 40 60
SCALE IN FEET

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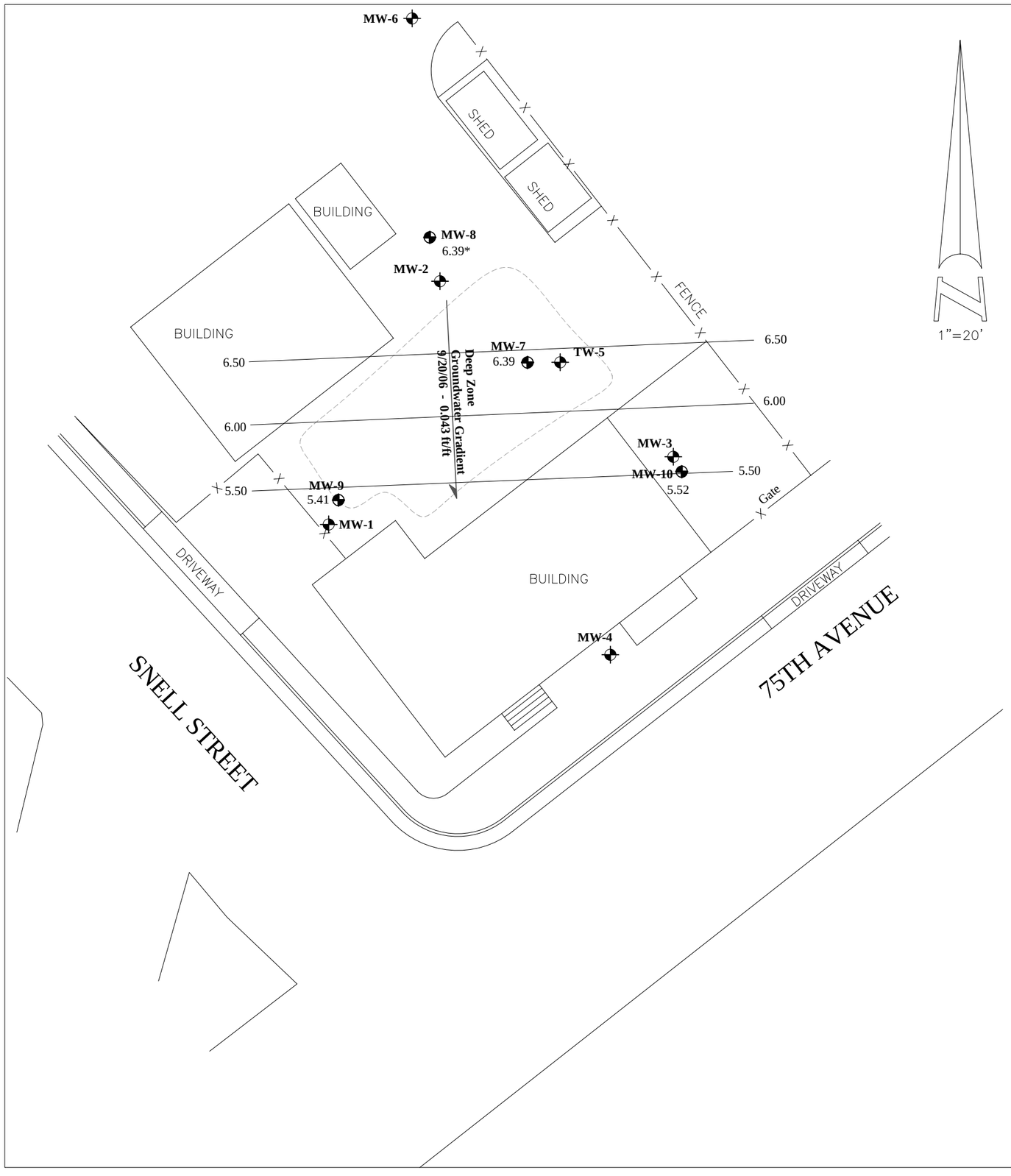
2500 CAMINO DIABLO, STE. 100, WALNUT CREEK, CA

Groundwater Gradient - Shallow Zone (9/20/06)

OMEGA TERMITE
807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 3
Project No. 115483



1"=20'

LEGEND

- Groundwater Monitoring Well shallow (10 - 20 ft. deep, screened above 20 ft.)
- Groundwater Monitoring Well (30 - 33 feet deep, screened from 25' to total depth)
- 5.97 Groundwater elevation used for contouring
- 6.39* Groundwater elevation not used for contouring

0 10 20 40 60
SCALE IN FEET

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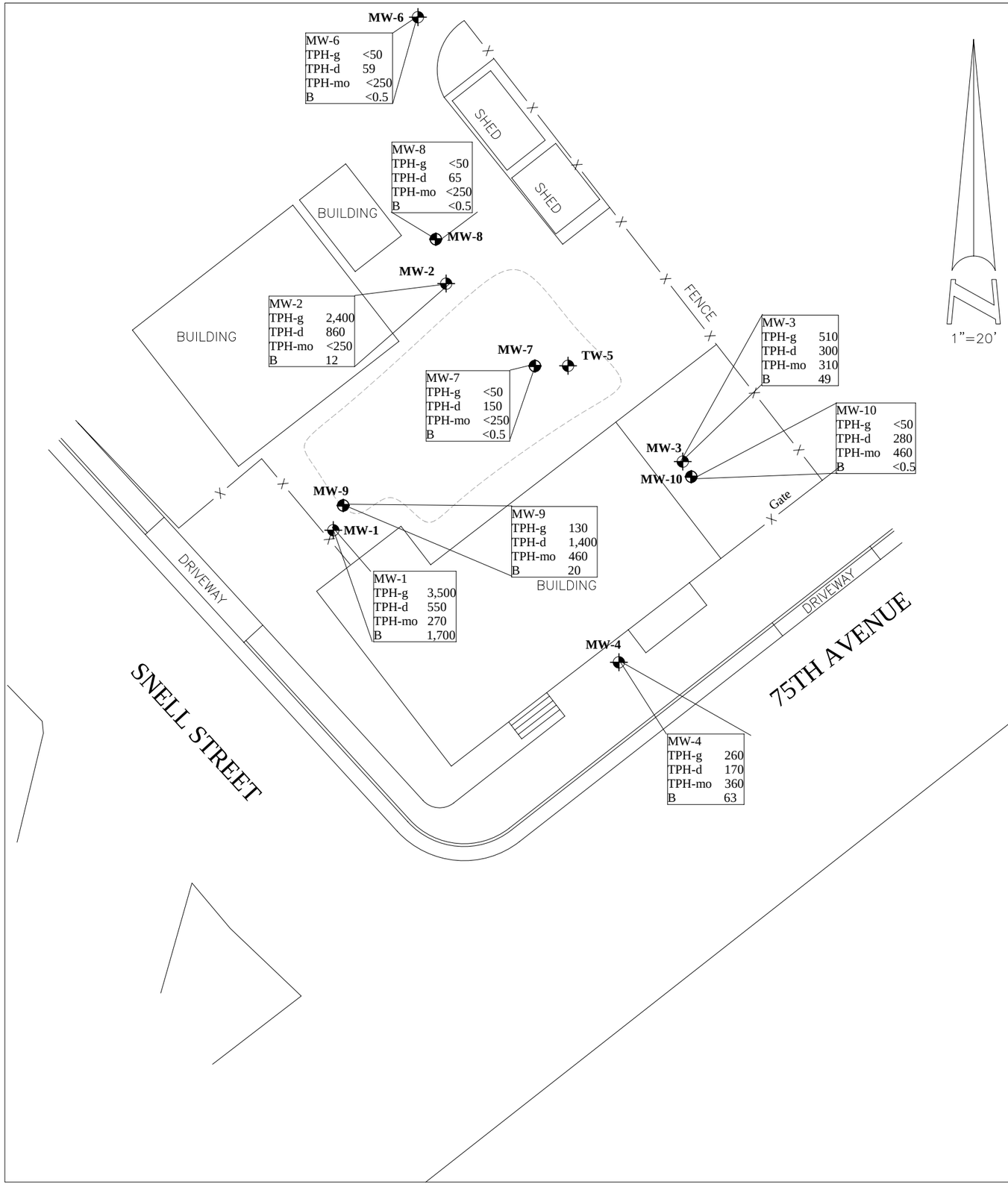
2500 CAMINO DIABLO, STE. 100, WALNUT CREEK, CA

Groundwater Gradient - Deeper Zone (9/20/06)

OMEGA TERMITE
807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 4
Project No. 115483



LEGEND

Groundwater Monitoring Well shallow
(10 - 20 ft. deep, screened above 20 ft.)

Groundwater Monitoring Well
(30 - 33 feet deep, screened from 25' to total depth)

MW-1	
TPH-g	78
TPH-D	1,600
TPH-mo	1,100
B	<0.5

Concentrations in ug/L

0 10 20 40 60
SCALE IN FEET

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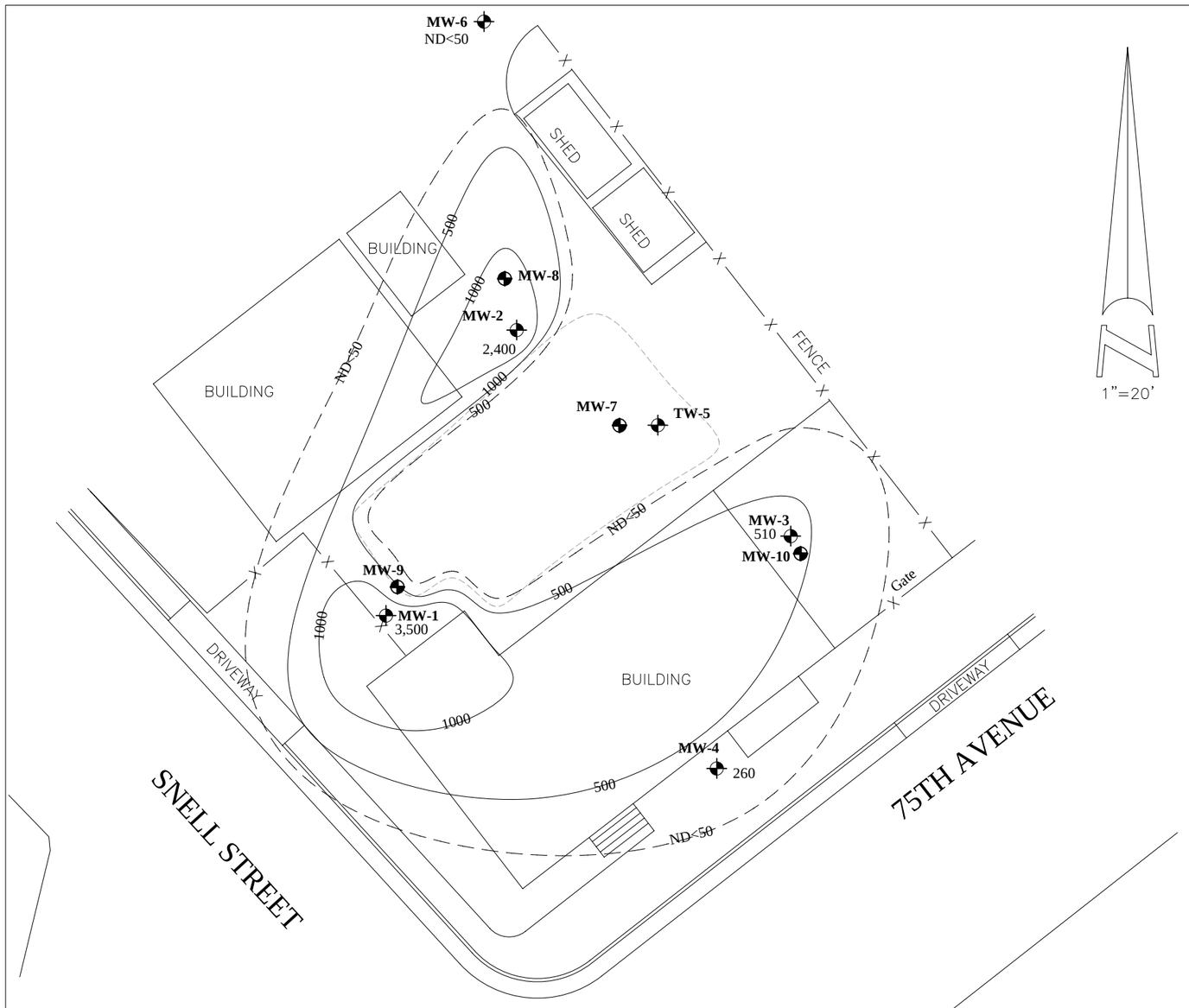
2500 CAMINO DIABLO, STE. 100, WALNUT CREEK, CA

Analytical Results (9/20/06)

OMEGA TERMITE
807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 5
Project No. 115483



1"=20'

LEGEND

- Groundwater Monitoring Well shallow (10 - 20 ft. deep, screened above 20 ft.)
- Groundwater Monitoring Well (30 - 33 feet deep, screened from 25' to total depth)
- 1,300 Concentration in ug/L

0 10 20 40 60
SCALE IN FEET

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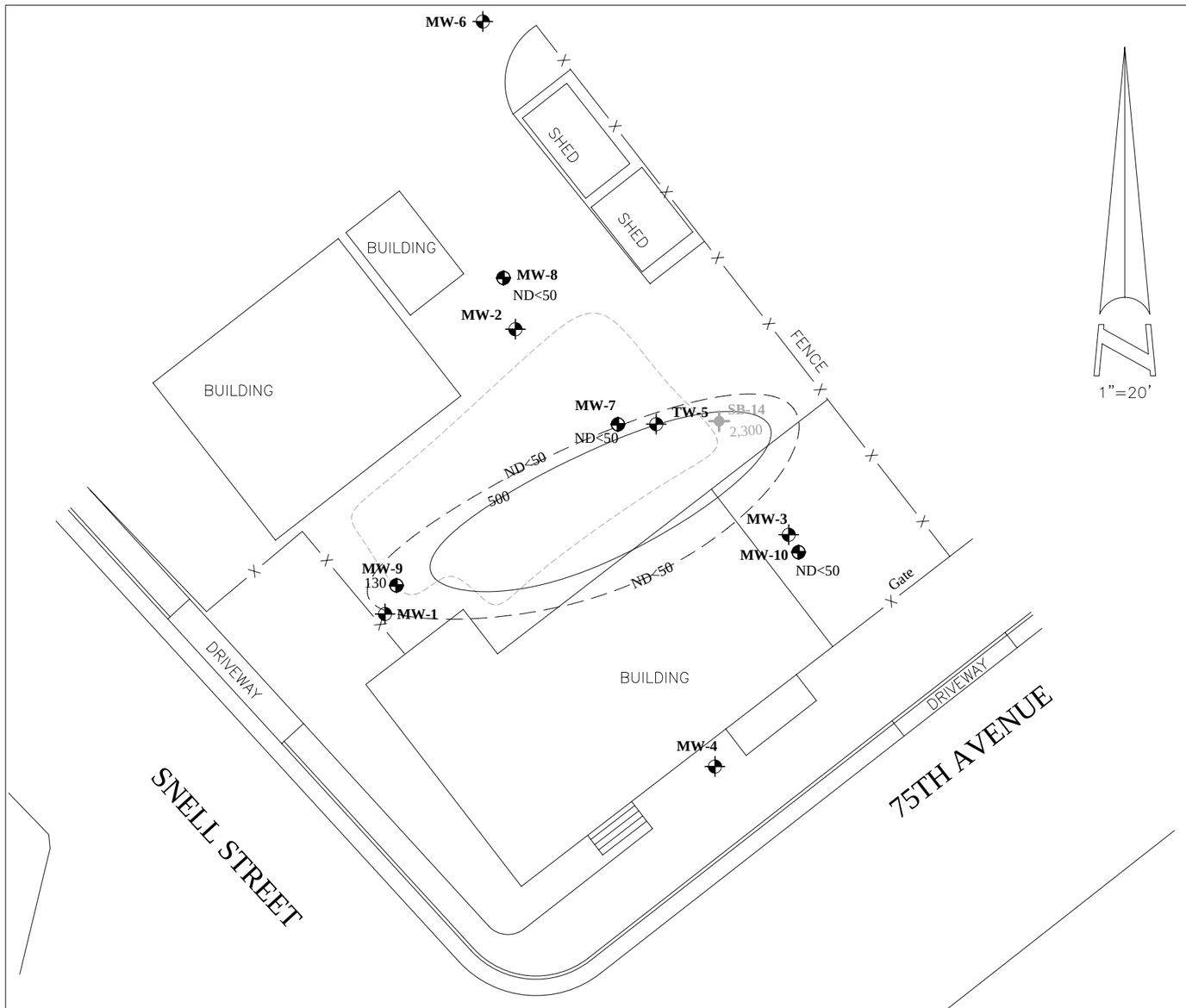
2500 CAMINO DIABLO, STE. 100, WALNUT CREEK, CA

TPH-g Isopleths - Shallow Zone (9/20/2006)

OMEGA TERMITE
807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 6
Project No. 115483



1"=20'

LEGEND

- Groundwater Monitoring Well shallow (10 - 20 ft. deep, screened above 20 ft.)
- Groundwater Monitoring Well (30 - 33 feet deep, screened from 25' to total depth)
- 2,300 Concentration in ug/L

0 10 20 40 60

SCALE IN FEET

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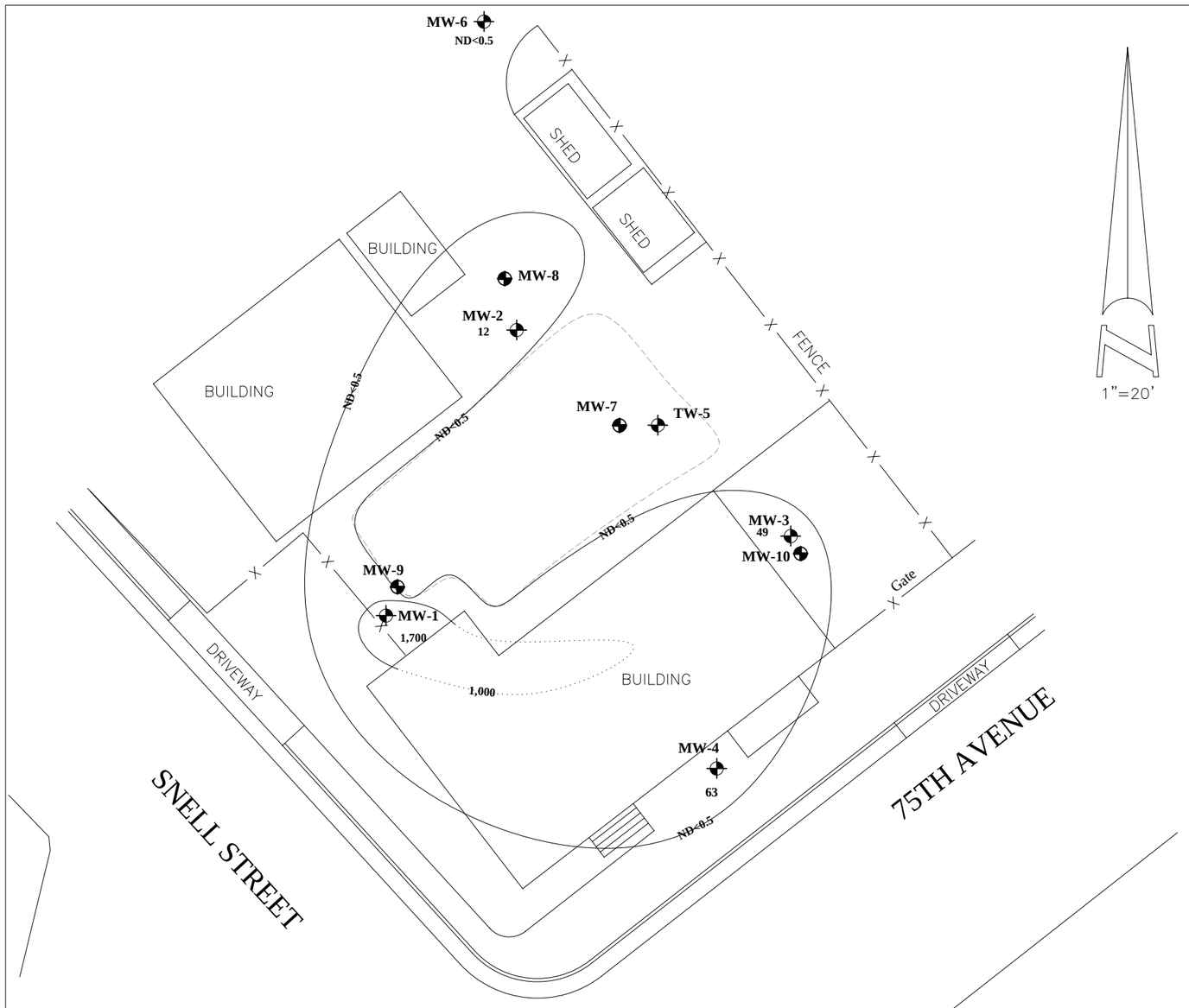
2500 CAMINO DIABLO, STE. 100, WALNUT CREEK, CA

TPH-g Isopleths - Deeper Zone (9/20/2006)

OMEGA TERMITE
807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 7
Project No. 115483



1"=20'

LEGEND

- Groundwater Monitoring Well shallow (10 - 20 ft. deep, screened above 20 ft.)
- Groundwater Monitoring Well (30 - 33 feet deep, screened from 25' to total depth)
- 1,400 Concentration in ug/L

0 10 20 40 60
SCALE IN FEET

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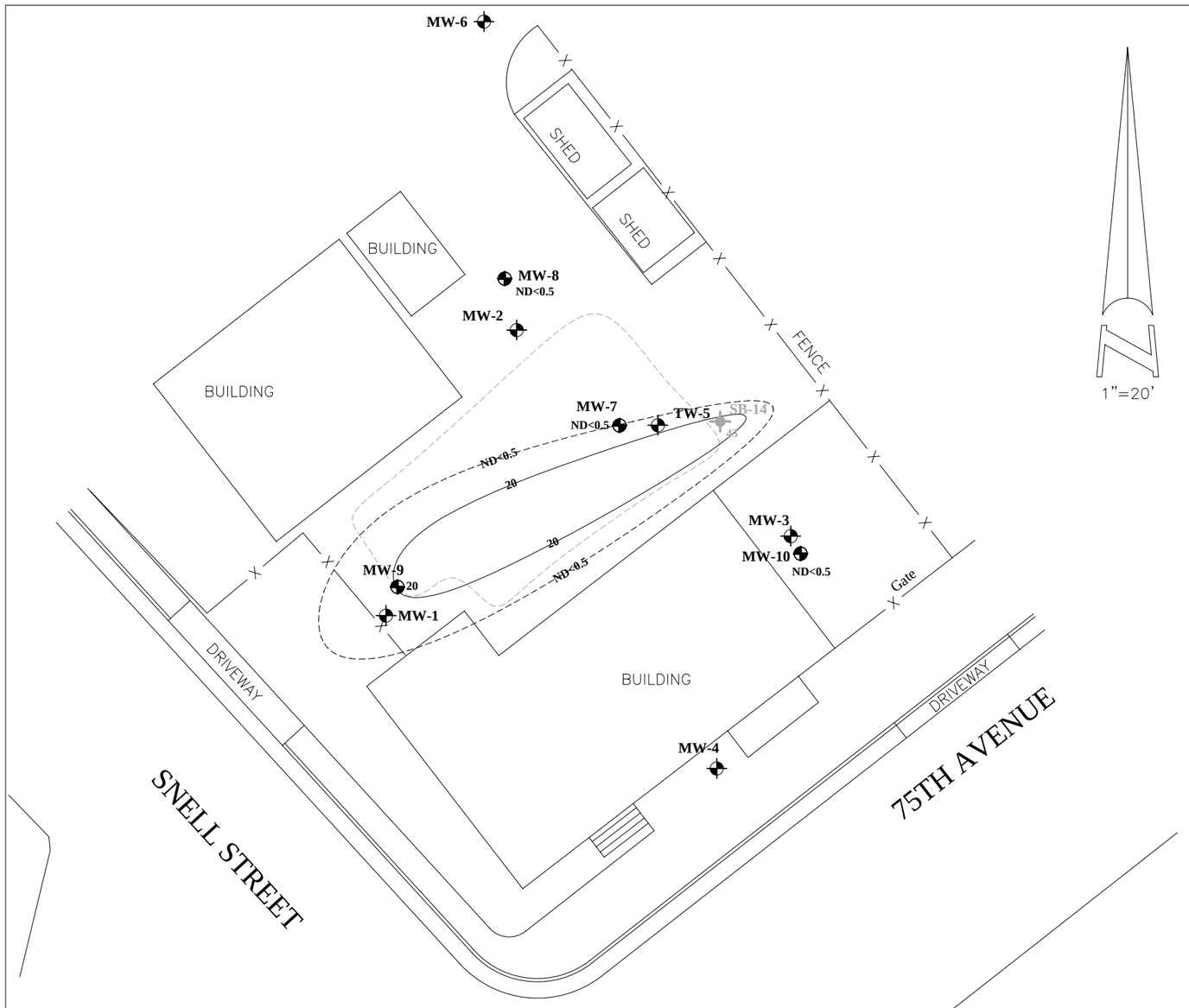
2500 CAMINO DIABLO, STE. 100, WALNUT CREEK, CA

Benzene Isopleths - Shallow Zone (9/20/2006)

OMEGA TERMITE
807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 8
Project No. 115483



1"=20'

LEGEND

- Groundwater Monitoring Well shallow (10 - 20 ft. deep, screened above 20 ft.)
- Groundwater Monitoring Well (30 - 33 feet deep, screened from 25' to total depth)
- 170 Concentration in ug/L

0 10 20 40 60
SCALE IN FEET

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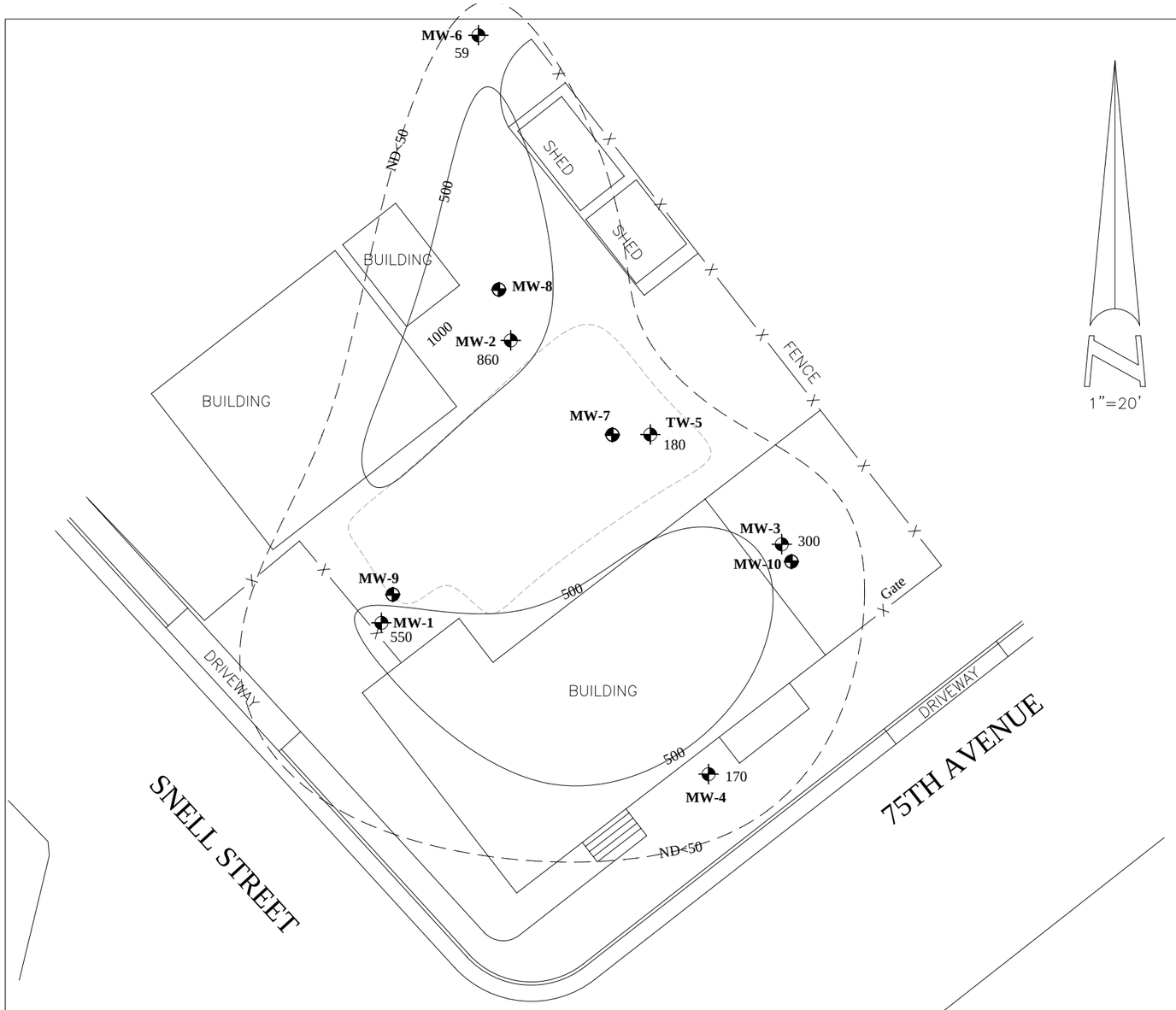
2500 CAMINO DIABLO, STE. 100, WALNUT CREEK, CA

Benzene Isopleths - Deeper Zone (9/20/2006)

OMEGA TERMITE
807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 9
Project No. 115483



1"=20'

LEGEND

- Groundwater Monitoring Well shallow (10 - 20 ft. deep, screened above 20 ft.)
- Groundwater Monitoring Well (30 - 33 feet deep, screened from 25' to total depth)

380 Concentration in ug/L

Concentration in ug/L

0 10 20 40 60
SCALE IN FEET

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

TPH-d Isopleths - Shallow Zone (9/20/2006)

807 75th AVENUE
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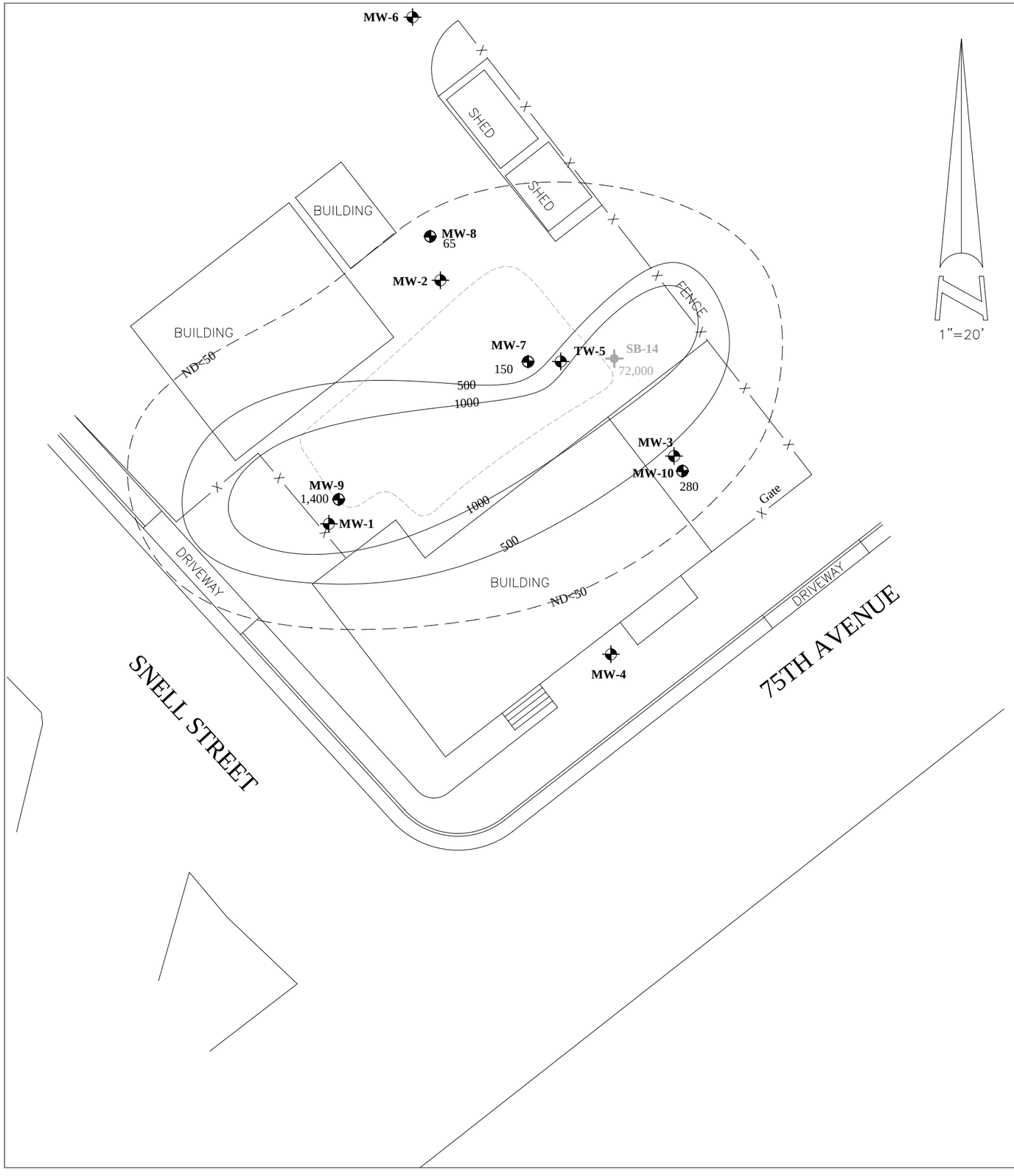
FIGURE 10

Project No. 115483



1"=20'

LEGEND

Groundwater Monitoring Well shallow
(10 - 20 ft. deep, screened above 20 ft.)

Groundwater Monitoring Well
(30 - 33 feet deep, screened from 25' to total depth)

280 Concentration in ug/L

0 10 20 40 60
SCALE IN FEET

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TPH-d Isopleths - Deeper Zone (9/20/2006)

807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 11
Project No. 115483

TABLES

Table 1: Monitoring Well Construction Details
Omega Termite, 807 75th Ave., Oakland, CA

Well ID	Date Installed	Box Elevation (feet)	Top of Casing (feet)	Water Depth (3/11/06)	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	5.38	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	6.63	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	4.84	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	4.86	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	11.69	11.58	----	PVC	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	6.84	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	4.77	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	6.03	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	8.81	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	4.79	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

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

Sample ID	Sample Date	Depth to Water	TPH-g	TPH-d	TPH-mo	MTBE[1]	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**
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
	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

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

Sample ID	Sample Date	Depth to Water	TPH-g	TPH-d	TPH-mo	MTBE[1]	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	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**
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[2]	---	ND<10	110	2.8	63	41
	01/10/03	3.59	1,100	510	ND<5000[2]	---	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**
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

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

Sample ID	Sample Date	Depth to Water	TPH-g	TPH-d	TPH-mo	MTBE[1]	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-4 continued	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**
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	1,100,000	---	530	29	2.7	14	240
	02/06/02	---	280	55,000	18,000	---	ND<5.0	2.3	0.74	ND<0.5	0.70
	05/17/02	6.56	480	41,000	---	ND<5.0	ND<5.0	1.6	1.1	0.8	ND<0.5
	08/20/02	6.62	240	21,000	ND<5,000	---	ND<5.0	8.0	1.2	1.1	0.54
	01/10/03	4.66	ND<50	1,300	ND<5,000	---	ND<5.0	5.4	0.58	ND<0.5	1.10
	4/14/2003	5.30	160	2,300	---	---	ND<5.0	18	5.7	5.9	16
	7/14/2003	5.84	100	16,000	---	---	ND<5.0	1.2	0.77	0.63	1.2
	10/14/03	6.08	120	10,000	4,600	---	ND<5.0	1.6	1.6	ND<0.5	1.2
	01/13/04	4.83	110	2,100	1,400	---	ND<5.0	8.4	1.2	ND<0.5	3.9
	04/15/04	5.64	170	2,200	1,100	---	ND<5.0	2.5	1.2	ND<0.5	5.1
	07/15/04	5.89	81	3,000	1,600	---	ND<5.0	5	1.3	0.85	4.1
	10/18/04	5.89	230	3,700	1,600	---	ND<5.0	0.54	3.4	ND<0.5	0.93
	01/25/05	5.13	63	750	640	---	ND<5.0	ND<0.5	0.78	ND<0.5	1.3
	04/19/05	5.27	ND<50	1,100	660	---	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	07/18/05	5.76	ND<50	770	490	---	ND<5.0	ND<0.5	0.88	ND<0.5	ND<0.5
	10/18/05	6.04	78	1,600	1,100	---	ND<5.0	ND<0.5	1.6	ND<0.5	ND<0.5
	01/11/06	4.72	ND<50	680	550	ND<0.5	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	03/13/06	**4.51**	**ND<50**	**180**	**260**	**ND<0.5**	**ND<5.0**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
	06/15/06	**Not sampled, well damaged - will be destroyed**									
	09/20/06	**Not sampled, well damaged - will be destroyed**									

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

Sample ID	Sample Date	Depth to Water	TPH-g	TPH-d	TPH-mo	MTBE[1]	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-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**
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**
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**
MW-9	03/13/06	4.32	1,100	14,000[2]	4,100	2.4	ND<5.0	85	1.8	0.64	100
	06/15/09	5.35	460	2100	710	--	ND<5.0	170	0.73	1.3	8.3
	09/21/06	**5.81**	**130**	**1400**	**460**	**--**	ND<5.0	**20**	**1.2**	**ND<0.5**	**2.6**
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**

Notes

1 = See Table 5 for complete fuel additive fuel additive data
TPH-g = total petroleum hydrocarbons as gasoline
TPH-d = total petroleum hydrocarbons as diesel
TPH-mo = total petroleum hydrocarbons as motor oil
2 = light non aqueous phase liquid
µg/L = micrograms per liter (parts per billion)
----- not sampled
ND = not detected

Table 3: Historical 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
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

Table 3: Historical 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	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
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**
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

Table 3: Historical 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 continued	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
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

Sampling discontiuned - well damaged and to be destroyed

Table 3: Historical 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
	10/20/06	**12.35**	**6.84**	**5.51**	**-0.34**
MW-7	03/13/06	11.16	3.36	7.80	----
	06/15/06	11.16	3.95	7.21	-0.59
	10/20/06	**11.16**	**4.77**	**6.39**	-0.82
MW-8	03/13/06	12.42	4.64	7.78	----
	06/15/06	12.42	5.21	7.21	-0.57
	10/20/06	**12.42**	**6.03**	**6.39**	**-0.82**
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
	10/20/06	**11.22**	**5.81**	**5.41**	**-0.11**
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**
	10/20/06	**10.31**	**4.79**	**5.52**	**-0.13**

* Original wells surveyed 12/9/02 by Morrow Surveying, resurveyed on 3/02/06 Morrow Surveying
Depth to water measured from the top of well casing
NM - not monitored
ft amsl = feet above mean sea level

Table 3a: Historical 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	-0.60	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	-1.46	Shallow Zone .0004 / NW
	6/15/06	6.40	-0.98	Deeper zone 0.06 / S
26	**10/20/06**	**5.47**	**-0.93**	**Shallow Zone .005 / NW**
	10/20/06	**5.93**	**-0.47**	**Deeper zone 0.043/ S**

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

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:	9/21/2006
Job Number:	115483	Name of Sampler:	Adrian 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)	5.38		
Water Elevation (feet above msl)	5.30		
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)	**7.0**		
Actual Volume Purged (gallons)	8.0		
Appearance of Purge Water	dark gray, clear at 1.0 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
	2	19.46	6.86	919	0.22	-40.1	
	4	19.69	6.88	946	0.14	-29.9	
	6	19.47	7.25	973	0.11	-71.4	
	8	19.13	7.35	984	0.09	-82.5	

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

dark gray with strong odor, clears at 1.0 gallon

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-2

Project Name:	Omega Termite	Date of Sampling:	9/20/2006
Job Number:	115483	Name of Sampler:	Adrian 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)	6.63		
Water Elevation (feet above msl)	5.52		
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)	**7.1**		
Actual Volume Purged (gallons)	7.0		
Appearance of Purge Water	Light gray, clear at 0.5 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	20.74	7.23	962	0.24	-93.0	
	3	21.55	6.99	983	0.13	-74.1	
	5	21.43	6.98	993	0.09	-60.7	
	7	21.31	6.87	996	0.08	-63.9	

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

Light gray with strong hydrocarbon odor, clear at 0.5 gallons

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-3

Project Name:	Omega Termite	Date of Sampling:	9/20/2006
Job Number:	115483	Name of Sampler:	Adrian 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)	4.84		
Water Elevation (feet above msl)	5.56		
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)	**7.3**		
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
	2	20.12	6.32	1403	0.09	240.5	
	4	20.52	6.66	1407	0.08	527.1	
	6	20.37	6.89	1419	0.07	381.9	
	8	19.80	6.42	1421	0.06	93.3	

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

Clear with no hydrocarbon odor.

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-4

Project Name:	Omega Termite	Date of Sampling:	9/20/2006
Job Number:	115483	Name of Sampler:	Adrian 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)	4.86		
Water Elevation (feet above msl)	5.45		
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)	**7.3**		
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
	2	20.24	6.39	1375	0.13	277.9	
	4	20.91	6.34	1326	0.11	248.7	
	6	20.96	6.33	1336	0.10	289.7	
	8	20.37	6.36	1406	0.08	390.8	

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

Brown, clearing quickly, no hydrocarbon odor.

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-6

Project Name:	Omega Termite	Date of Sampling:	9/20/2006
Job Number:	3190	Name of Sampler:	Adrian 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)	6.84		
Water Elevation (feet above msl)	5.51		
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)	**3.9**		
Actual Volume Purged (gallons)	6.0		
Appearance of Purge Water	Brown, clear at 2.0 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	21.35	6.72	1195	0.16	109.8	
	3	21.35	6.70	1188	0.14	107.6	
	5	21.27	6.69	1178	0.12	107.1	
	6	20.94	6.58	1178	0.09	103.2	

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

initially brown, with no hydrocarbon odor, clear at 2.5 gallons

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-7

Project Name:	Omega Termite	Date of Sampling:	9/20/2006
Job Number:	3190	Name of Sampler:	Adrian Nieto
Project Address:	807 75th Avenue Oakland		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	4		
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)	4.77		
Water Elevation (feet above msl)	6.39		
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)	**15.1**		
Actual Volume Purged (gallons)	15.0		
Appearance of Purge Water	clear at 1.5 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
	3	18.60	6.84	1652	0.18		
	6	18.58	6.70	1645	0.15		
	9	18.89	6.56	1635	0.11		
	12	18.58	6.42	1631	0.09		
	15	18.59	6.41	1630	0.08		

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

Initially milky brown with slight hydrocarbon odor, clear at 1.5 gallons

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-8

Project Name:	Omega Termite	Date of Sampling:	9/20/2006
Job Number:	3190	Name of Sampler:	Adrian 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)	6.03		
Water Elevation (feet above msl)	6.39		
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)	**14.5**		
Actual Volume Purged (gallons)	15.0		
Appearance of Purge Water	Clear at 1.0 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
	3	18.86	6.80	1785	0.14	153.0	
	6	19.42	6.61	1818	0.09	116.7	
	9	19.66	6.65	1829	0.07	89.7	
	12	19.87	6.63	1830	0.06	86.2	
	15	19.99	6.89	1834	0.06	84.6	

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

Initially light brown, no hydrocarbon odor, clear at 1 gallons

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-9

Project Name:	Omega Termite	Date of Sampling:	9/21/2006
Job Number:	3190	Name of Sampler:	Adrian 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)	5.81		
Water Elevation (feet above msl)	5.41		
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)	**14.7**		
Actual Volume Purged (gallons)	15.0		
Appearance of Purge Water	Clear at 2.0 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
	3	18.81	6.73	1289	0.10	77.7	
	6	18.93	6.69	1291	0.09	80.6	
	9	18.97	6.68	1290	0.08	76.7	
	12	18.72	6.69	1215	0.17	106.1	
	15	19.1	6.73	1213	0.10	91.8	

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

Brown with strong hydrocarbon odor, clear at 2.0 gallons

Pump failed 10/21/06

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-10

Project Name:	Omega Termite	Date of Sampling:	9/20/2006
Job Number:	3190	Name of Sampler:	Adrian 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)	4.79		
Water Elevation (feet above msl)	5.52		
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)	**15.2**		
Actual Volume Purged (gallons)	15.0		
Appearance of Purge Water	Clear by 1.5 gallon		
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
	3	18.98	6.81	1601	0.19	-24.0	
	6	19.19	6.81	1619	0.10	-88.2	
	9	19.64	6.80	1612	0.12	29.1	
	12	19.57	6.67	1548	0.09	9.9	
	15	19.75	6.69	1554	0.08	13.9	

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

Milky brown with no hydrocarbon odor, clear by 1.5 gallony

APPENDIX B

Laboratory Analytical Reports
With
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: #115483; Omega Termite	Date Sampled: 09/20/06
		Date Received: 09/21/06
	Client Contact: Robert Flory	Date Reported: 09/27/06
	Client P.O.:	Date Completed: 09/28/06

WorkOrder: 0609433

September 28, 2006

Dear Robert:

Enclosed are:

1). the results of **9** analyzed samples from your **#115483; Omega Termite project,**

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

ACV 0609433

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 #: 115483	**Project Name:** Omega termite
Project Location: 807 75th	
Sampler Signature: Adam Neto	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED 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 Dditi8ves by 8260 incl 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	Halogenated VOCs (8260B – 8010 Target List)	Comments
MW-1		9/21/06	8:25 AM	4	VOAs	X					X	X			X	X															
MW-2		9/20/06	1:00 PM												X	X															
MW-3			1:30 PM												X	X															
MW-4			1:50 PM												X	X															
~~MW-5~~															X	X															not Sample
MW-6			11:52												X	X															
MW-7			12:40 PM												X	X															
MW-8			12:20 PM												X	X															
MW-9		9/21/06	8:03 AM												X	X															
MW-10		9/20/06	1:42 PM												X	X															

Relinquished By:	Date:	Time:	Received By:
Adam Neto	9/21/06	3:45	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

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

Filter Samples for Metals Analysis: Yes / No

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0609433 **ClientID: AEL** **EDF: YES**

Report to:
Robert Flory
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
Email: rflory@aeiconsultants.com
TEL: (925) 283-600 FAX: (925) 283-612
ProjectNo: #115483; Omega Termite
PO:

Bill to
Denise Mockel
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597

Requested TAT: 5 days

Date Received: **09/21/2006**
Date Printed: **09/21/2006**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0609433-001	MW-1	Water	09/21/2006	☐	A	A	B									
0609433-002	MW-2	Water	09/20/2006	☐	A		B									
0609433-003	MW-3	Water	09/20/2006	☐	A		B									
0609433-004	MW-4	Water	09/20/2006	☐	A		B									
0609433-005	MW-6	Water	09/20/2006	☐	A		B									
0609433-006	MW-7	Water	09/20/2006	☐	A		B									
0609433-007	MW-8	Water	09/20/2006	☐	A		B									
0609433-008	MW-9	Water	09/21/2006	☐	A		B									
0609433-009	MW-10	Water	09/20/2006	☐	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: Melissa Valles

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"

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

AEI Consultants	Client Project ID: #115483; Omega Termite	Date Sampled: 09/20/06-09/21/06
2500 Camino Diablo, Ste. #200		Date Received: 09/21/06
Walnut Creek, CA 94597	Client Contact: Robert Flory	Date Extracted: 09/24/06-09/26/06
	Client P.O.:	Date Analyzed 09/24/06-09/26/06

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

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0609433

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-1	W	3500,a	ND<25	1700	ND<2.5	14	23	5	113
002A	MW-2	W	2400,a	ND<50	12	13	46	65	10	116
003A	MW-3	W	510,a	ND<17	49	ND<1.7	50	36	3.3	101
004A	MW-4	W	260,a	ND<10	63	ND	23	4.7	1	103
005A	MW-6	W	ND	ND	ND	ND	ND	ND	1	96
006A	MW-7	W	ND	ND	ND	ND	ND	ND	1	99
007A	MW-8	W	ND	ND	ND	ND	ND	ND	1	103
008A	MW-9	W	130,a	ND	20	1.2	ND	2.6	1	106
009A	MW-10	W	ND	ND	ND	ND	ND	ND	1	93

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

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: #115483; Omega Termite	Date Sampled: 09/20/06-09/21/06
		Date Received: 09/21/06
	Client Contact: Robert Flory	Date Extracted: 09/21/06
	Client P.O.:	Date Analyzed 09/23/06

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

Extraction method: SW3510C Analytical methods: SW8015C Work Order: 0609433

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0609433-001B	MW-1	W	550,b,d	270	1	106
0609433-002B	MW-2	W	860,d	ND	1	106
0609433-003B	MW-3	W	300,d,g	310	1	107
0609433-004B	MW-4	W	170,g,d	360	1	107
0609433-005B	MW-6	W	59,b	ND	1	108
0609433-006B	MW-7	W	150,k	ND	1	106
0609433-007B	MW-8	W	65,b	ND	1	107
0609433-008B	MW-9	W	1400,a	460	1	107
0609433-009B	MW-10	W	280,g,b	460	1	107

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; 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; m) fuel oil; n) stoddard solvent/mineral spirits; p) see Case Narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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"When Quality Counts"

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

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0609433

EPA Method: SW8021B/8015Cm **Extraction: SW5030B** **BatchID: 23868** **Spiked Sample ID: 0609433-009A**

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	105	107	2.03	102	103	1.08	70 - 130	30	70 - 130	30
MTBE	ND	10	79.1	80.9	2.29	110	116	4.78	70 - 130	30	70 - 130	30
Benzene	ND	10	112	111	0.504	103	105	1.95	70 - 130	30	70 - 130	30
Toluene	ND	10	110	110	0	96.3	98.6	2.29	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	116	115	1.28	104	104	0	70 - 130	30	70 - 130	30
Xylenes	ND	30	130	127	2.60	95.3	95.7	0.349	70 - 130	30	70 - 130	30
%SS:	93	10	109	108	0.383	105	102	2.80	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 23868 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0609433-001	9/21/06 8:25 AM	9/25/06	9/25/06 7:27 AM	0609433-002	9/20/06 1:00 PM	9/24/06	9/24/06 2:08 PM
0609433-003	9/20/06 1:30 PM	9/26/06	9/26/06 12:34 AM	0609433-004	9/20/06 1:50 PM	9/24/06	9/24/06 2:43 PM
0609433-005	9/20/06 11:52 AM	9/24/06	9/24/06 3:20 PM	0609433-006	9/20/06 12:40 PM	9/24/06	9/24/06 3:56 PM
0609433-007	9/20/06 12:29 PM	9/25/06	9/25/06 3:50 PM	0609433-008	9/21/06 8:03 AM	9/26/06	9/26/06 1:06 AM
0609433-009	9/20/06 1:42 PM	9/24/06	9/24/06 5:09 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.

DHS ELAP Certification N° 1644


QA/QC Officer

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

QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0609433

EPA Method: SW8015C **Extraction: SW3510C** **BatchID: 23865** **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	97.2	101	3.59	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	102	103	1.27	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 23865 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0609433-001	9/21/06 8:25 AM	9/21/06	9/23/06 11:12 AM	0609433-002	9/20/06 1:00 PM	9/21/06	9/23/06 12:21 PM
0609433-003	9/20/06 1:30 PM	9/21/06	9/23/06 1:29 PM	0609433-004	9/20/06 1:50 PM	9/21/06	9/23/06 2:37 PM
0609433-005	9/20/06 11:52 AM	9/21/06	9/23/06 3:46 PM	0609433-006	9/20/06 12:40 PM	9/21/06	9/23/06 4:54 PM
0609433-007	9/20/06 12:29 PM	9/21/06	9/23/06 6:02 PM	0609433-008	9/21/06 8:03 AM	9/21/06	9/23/06 7:11 PM
0609433-009	9/20/06 1:42 PM	9/21/06	9/23/06 8:19 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.

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: #115483; Omega Termite	Date Sampled: 09/20/06
		Date Received: 09/21/06
	Client Contact: Robert Flory	Date Reported: 09/27/06
	Client P.O.:	Date Completed: 09/28/06

WorkOrder: 0609433

September 28, 2006

Dear Robert:

Enclosed are:

1). the results of **9** analyzed samples from your **#115483; Omega Termite project,**

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

ACV 0609433

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 #: 115483	**Project Name:** Omega termite
Project Location: 807 75th	
Sampler Signature: Adam Neto	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED 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 Dditi8ves by 8260 incl 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	Halogenated VOCs (8260B – 8010 Target List)	Comments
MW-1		9/21/06	8:25 AM	4	VOAs	X					X	X			X	X															
MW-2		9/20/06	1:00 PM												X	X															
MW-3			1:30 PM												X	X															
MW-4			1:50 PM												X	X															
~~MW-5~~															X	X															not Sample
MW-6			11:52												X	X															
MW-7			12:40 PM												X	X															
MW-8			12:20 PM												X	X															
MW-9		9/21/06	8:03 AM												X	X															
MW-10		9/20/06	1:42 PM												X	X															

Relinquished By:	Date:	Time:	Received By:
Adam Neto	9/21/06	3:45	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

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

Filter Samples for Metals Analysis: Yes / No

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0609433 **ClientID: AEL** **EDF: YES**

Report to:
Robert Flory
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
Email: rflory@aeiconsultants.com
TEL: (925) 283-600 FAX: (925) 283-612
ProjectNo: #115483; Omega Termite
PO:

Bill to
Denise Mockel
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597

Requested TAT: 5 days

Date Received: **09/21/2006**
Date Printed: **09/21/2006**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0609433-001	MW-1	Water	09/21/2006	☐	A	A	B									
0609433-002	MW-2	Water	09/20/2006	☐	A		B									
0609433-003	MW-3	Water	09/20/2006	☐	A		B									
0609433-004	MW-4	Water	09/20/2006	☐	A		B									
0609433-005	MW-6	Water	09/20/2006	☐	A		B									
0609433-006	MW-7	Water	09/20/2006	☐	A		B									
0609433-007	MW-8	Water	09/20/2006	☐	A		B									
0609433-008	MW-9	Water	09/21/2006	☐	A		B									
0609433-009	MW-10	Water	09/20/2006	☐	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: Melissa Valles

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.

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

AEI Consultants	Client Project ID: #115483; Omega Termite	Date Sampled: 09/20/06-09/21/06
2500 Camino Diablo, Ste. #200		Date Received: 09/21/06
Walnut Creek, CA 94597	Client Contact: Robert Flory	Date Extracted: 09/24/06-09/26/06
	Client P.O.:	Date Analyzed 09/24/06-09/26/06

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

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0609433

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-1	W	3500,a	ND<25	1700	ND<2.5	14	23	5	113
002A	MW-2	W	2400,a	ND<50	12	13	46	65	10	116
003A	MW-3	W	510,a	ND<17	49	ND<1.7	50	36	3.3	101
004A	MW-4	W	260,a	ND<10	63	ND	23	4.7	1	103
005A	MW-6	W	ND	ND	ND	ND	ND	ND	1	96
006A	MW-7	W	ND	ND	ND	ND	ND	ND	1	99
007A	MW-8	W	ND	ND	ND	ND	ND	ND	1	103
008A	MW-9	W	130,a	ND	20	1.2	ND	2.6	1	106
009A	MW-10	W	ND	ND	ND	ND	ND	ND	1	93

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.

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Angela Rydelius, Lab Manager

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: #115483; Omega Termite	Date Sampled: 09/20/06-09/21/06
		Date Received: 09/21/06
	Client Contact: Robert Flory	Date Extracted: 09/21/06
	Client P.O.:	Date Analyzed 09/23/06

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

Extraction method: SW3510C Analytical methods: SW8015C Work Order: 0609433

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0609433-001B	MW-1	W	550,b,d	270	1	106
0609433-002B	MW-2	W	860,d	ND	1	106
0609433-003B	MW-3	W	300,d,g	310	1	107
0609433-004B	MW-4	W	170,g,d	360	1	107
0609433-005B	MW-6	W	59,b	ND	1	108
0609433-006B	MW-7	W	150,k	ND	1	106
0609433-007B	MW-8	W	65,b	ND	1	107
0609433-008B	MW-9	W	1400,a	460	1	107
0609433-009B	MW-10	W	280,g,b	460	1	107

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; 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; m) fuel oil; n) stoddard solvent/mineral spirits; p) see Case Narrative.

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0609433

EPA Method: SW8021B/8015Cm **Extraction: SW5030B** **BatchID: 23868** **Spiked Sample ID: 0609433-009A**

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	105	107	2.03	102	103	1.08	70 - 130	30	70 - 130	30
MTBE	ND	10	79.1	80.9	2.29	110	116	4.78	70 - 130	30	70 - 130	30
Benzene	ND	10	112	111	0.504	103	105	1.95	70 - 130	30	70 - 130	30
Toluene	ND	10	110	110	0	96.3	98.6	2.29	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	116	115	1.28	104	104	0	70 - 130	30	70 - 130	30
Xylenes	ND	30	130	127	2.60	95.3	95.7	0.349	70 - 130	30	70 - 130	30
%SS:	93	10	109	108	0.383	105	102	2.80	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 23868 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0609433-001	9/21/06 8:25 AM	9/25/06	9/25/06 7:27 AM	0609433-002	9/20/06 1:00 PM	9/24/06	9/24/06 2:08 PM
0609433-003	9/20/06 1:30 PM	9/26/06	9/26/06 12:34 AM	0609433-004	9/20/06 1:50 PM	9/24/06	9/24/06 2:43 PM
0609433-005	9/20/06 11:52 AM	9/24/06	9/24/06 3:20 PM	0609433-006	9/20/06 12:40 PM	9/24/06	9/24/06 3:56 PM
0609433-007	9/20/06 12:29 PM	9/25/06	9/25/06 3:50 PM	0609433-008	9/21/06 8:03 AM	9/26/06	9/26/06 1:06 AM
0609433-009	9/20/06 1:42 PM	9/24/06	9/24/06 5:09 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.

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0609433

EPA Method: SW8015C **Extraction: SW3510C** **BatchID: 23865** **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	97.2	101	3.59	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	102	103	1.27	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 23865 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0609433-001	9/21/06 8:25 AM	9/21/06	9/23/06 11:12 AM	0609433-002	9/20/06 1:00 PM	9/21/06	9/23/06 12:21 PM
0609433-003	9/20/06 1:30 PM	9/21/06	9/23/06 1:29 PM	0609433-004	9/20/06 1:50 PM	9/21/06	9/23/06 2:37 PM
0609433-005	9/20/06 11:52 AM	9/21/06	9/23/06 3:46 PM	0609433-006	9/20/06 12:40 PM	9/21/06	9/23/06 4:54 PM
0609433-007	9/20/06 12:29 PM	9/21/06	9/23/06 6:02 PM	0609433-008	9/21/06 8:03 AM	9/21/06	9/23/06 7:11 PM
0609433-009	9/20/06 1:42 PM	9/21/06	9/23/06 8:19 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.

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QA/QC Officer