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**GROUNDWATER MONITORING REPORT
Third Quarter, 2007**

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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ENVIRONMENTAL & ENGINEERING SERVICES

www.aeiconsultants.com

October 30, 2007

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

**Subject: Quarterly Groundwater Monitoring Report
Third Quarter, 2007**
807 75th Avenue
Oakland, California
AEI Project No. 262157
ACHCS # RO0000508

Dear Mr. Kanady:

AEI Consultants (AEI) has prepared this report to document the results of the Third Quarter, 2007 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 µg/L, respectively. Light non-aqueous phase liquid was observed on the sampler and in the water sample.

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

These and existing 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 four (deeper Zone wells (MW-7 through MW-10) on October 4, 2007. 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 5.36 (MW-1) to 5.65 (MW-3) feet above mean sea level (amsl). These elevations are an average of 0.50 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 5.33 (MW-9) to 6.08 (MW-12) feet amsl. These elevations are an average of 0.66 feet lower than the previous quarterly

monitoring event. The groundwater hydraulic gradient in the Deeper Zone is 0.012 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 decreased significantly from 2,000 µg/L to 500 µg/L and from 620 µg/L to 140 µg/L, respectively. TPH-d concentration in MW-1 decreased from 450 µg/L to 440 µg/L and TPH-mo increased slightly from <250 µg/L to 260 µg/L, respectively.

TPH-g and benzene concentrations in monitoring well MW-2 decreased from 5,300 µg/L to 660 µg/L and from 10 µg/L to 1.8 µg/L, respectively. TPH-d and TPH-mo also decreased from 2,900 µg/L to 1,300 µg/L and from 480 µg/L to ND<250 µg/L, respectively.

TPH-g and benzene concentrations in monitoring well MW-3 decreased from 460 µg/L to 320 µg/L and from 40 µg/L to 28 µg/L, respectively. TPH-d and TPH-mo remained the same at 230 µg/L and ND<250 µg/L, respectively.

TPH-g concentration in monitoring well MW-4 decreased slightly from 190 µg/L to 180 µg/L, while benzene concentration increased slightly from 40 µg/L to 44 µg/L. TPH-d decreased from 59 µg/L to ND<50 µg/L and TPH-mo remained at ND<250 µg/L.

The TPH-d concentration in MW-6 increased from 76 µg/L to 100 µg/L. TPH-g, TPH-mo, MTBE and BTEX were all reported as not detected at standard detection limits.

TPH-g, TPH-d, TPH-mo, MTBE and BTEX were reported as not detected at standard detection limits in Deeper Zone MW-7

TPH-g, TPH-d, TPH-mo, MTBE and BTEX continue to be reported as not detected at standard detection limits in MW-8.

The TPH-g concentration in MW-9 decreased from 64 µg/L to ND<50 µg/L. Benzene concentration decreased from 12 µg/L to ND<0.5 µg/L. TPH-d decreased from 320 µg/L to 140 µg/L. TPH-mo, MTBE and BTEX were all reported as not detected at standard detection limits

The TPH-d concentration in MW-10 decreased significantly from 230 µg/L to 120 µg/L. TPH-g, TPH-mo, MTBE and BTEX were all reported as not detected at standard detection limits

TPH-g, TPH-d, TPH-mo, MTBE and BTEX were all reported as not detected at standard detection limits in monitoring wells MW-11 and MW-12.

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

The decrease in contaminant concentrations indicate that operation of the ozone injection system is beginning to have a significant effect on hydrocarbon concentrations.

The next quarterly groundwater monitoring event is tentatively scheduled for December 2007, 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,

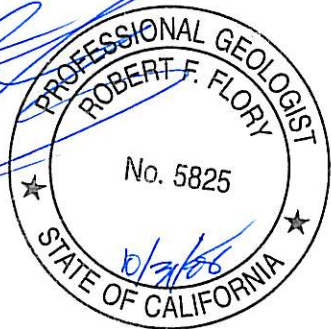
AEI Consultants

Leah Levine-Goldberg

Leah Levine-Goldberg
Staff Geologist

Robert F. Flory

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 (10/04/07) |
| Figure 4 | Groundwater Elevation Contours – Deeper Zone (10/04/07) |
| Figure 5 | Analytical Results (10/04/07) |

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 Reports With Chain of Custody Documentation

Distribution:

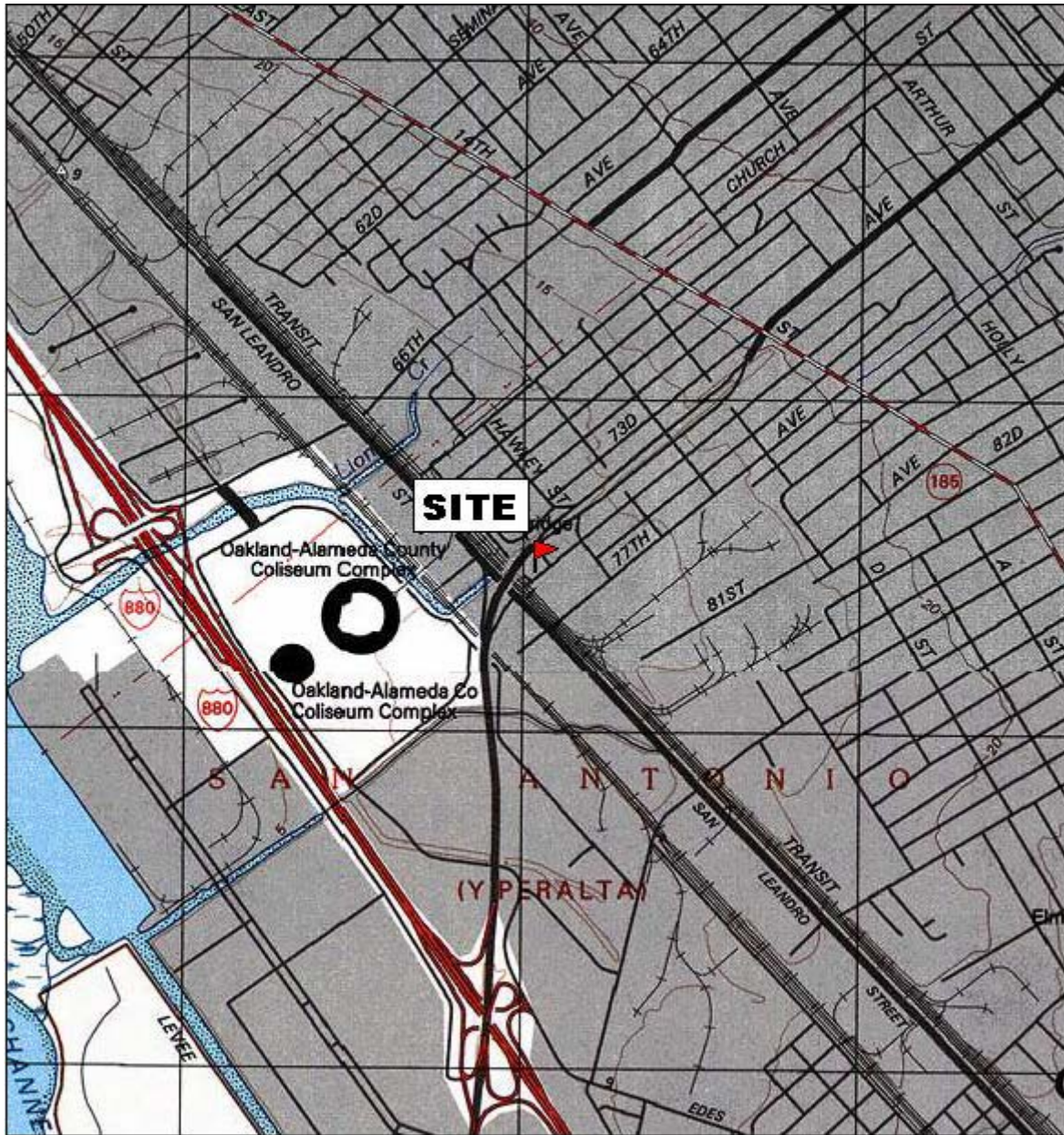
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GeoTracker

FIGURES



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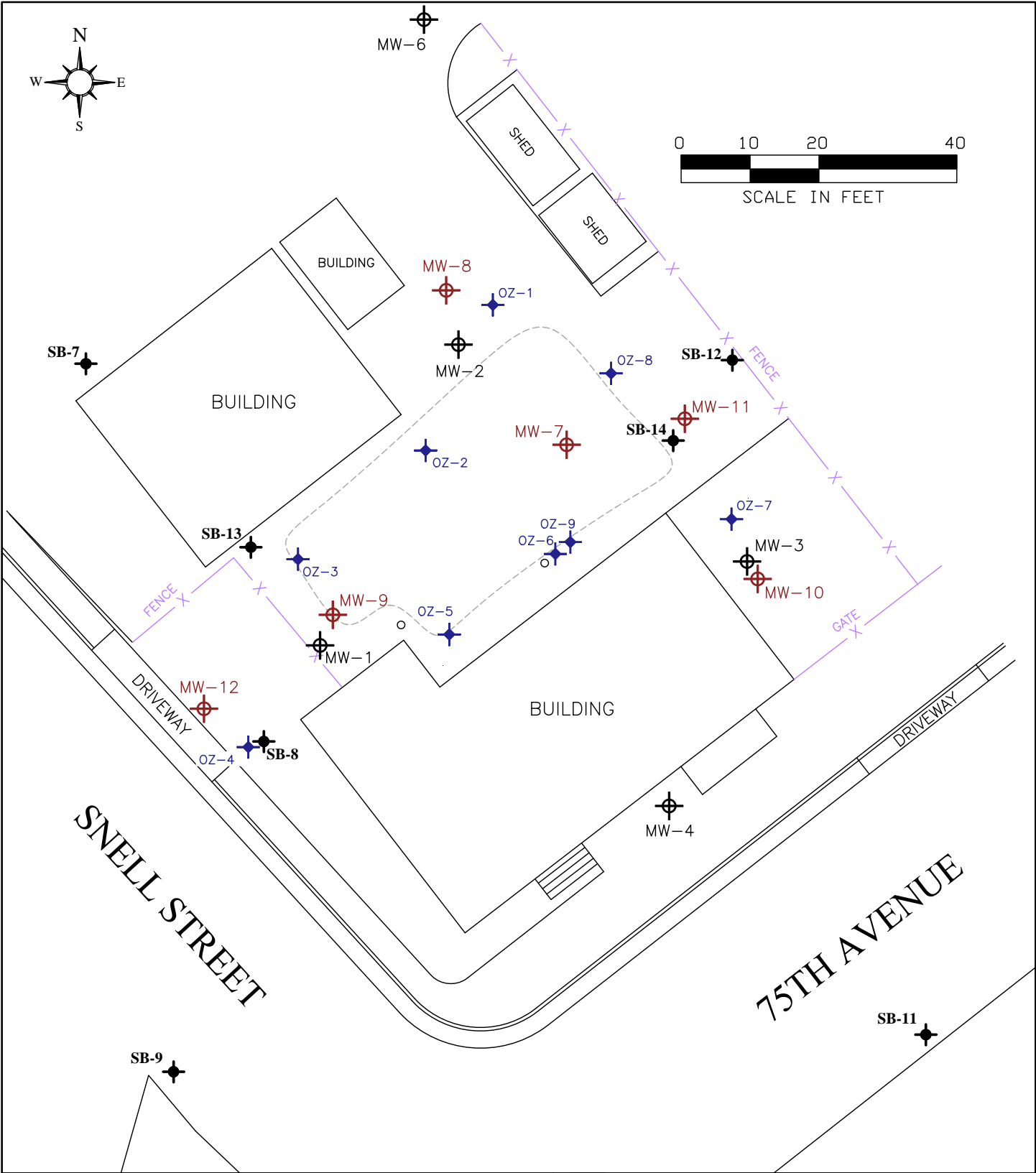
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AEI CONSULTANTS
2500 CAMINO DIABLO, SUITE 200, WALNUT CREEK, CA




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 SCREENED FROM -5 TO 20 FT BGS
 DEEP WELLS SCREENED FROM -25 TO 30 FT BGS

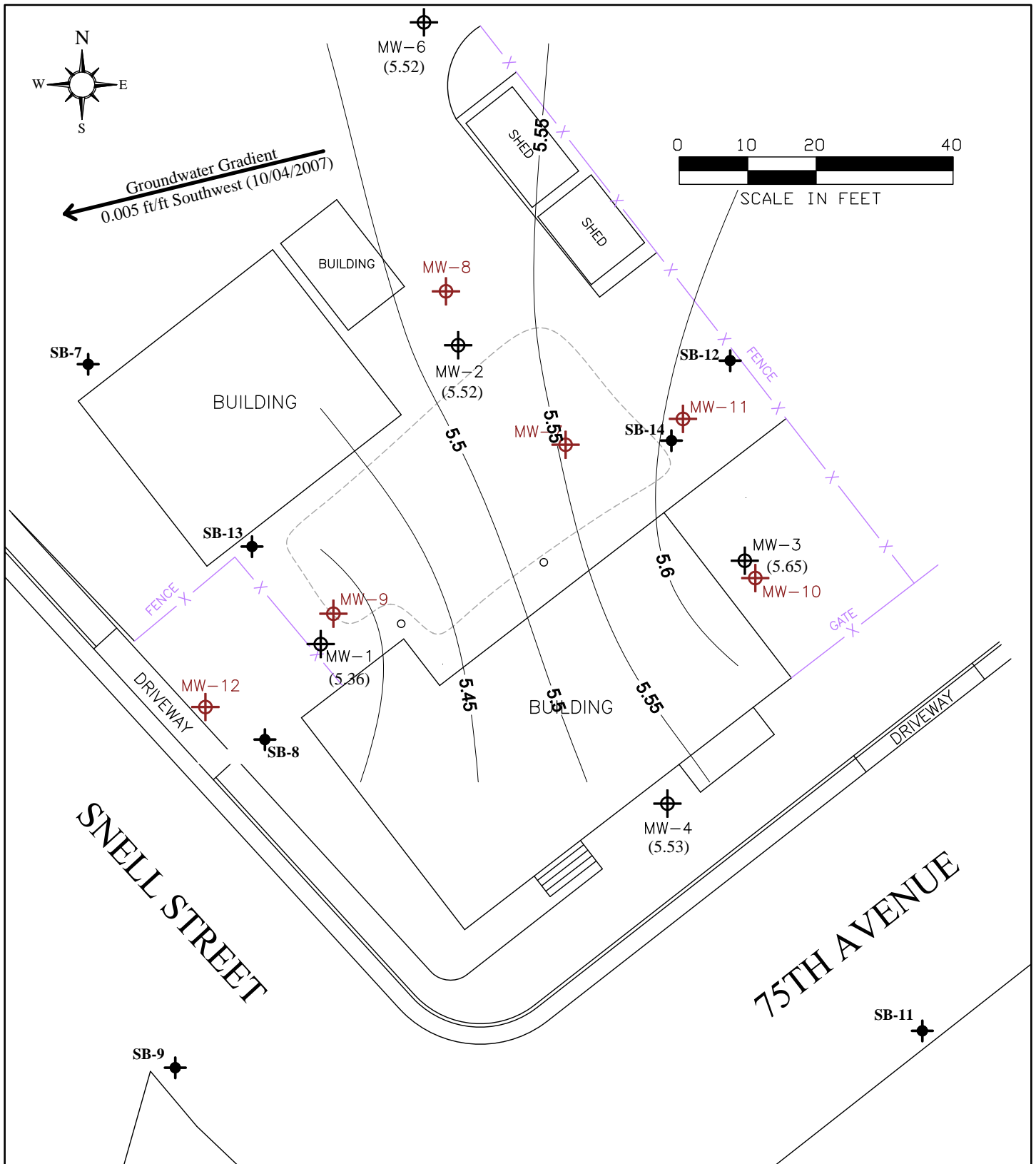
DRAFTED BY R. BRADFORD 12-01-06
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AEI CONSULTANTS
 2500 CAMINO DIABLO, SUITE 200, WALNUT CREEK

SITE PLAN

807 75th AVENUE
 OAKLAND, CALIFORNIA

FIGURE 2
 PROJECT NO. 262157



LEGEND

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

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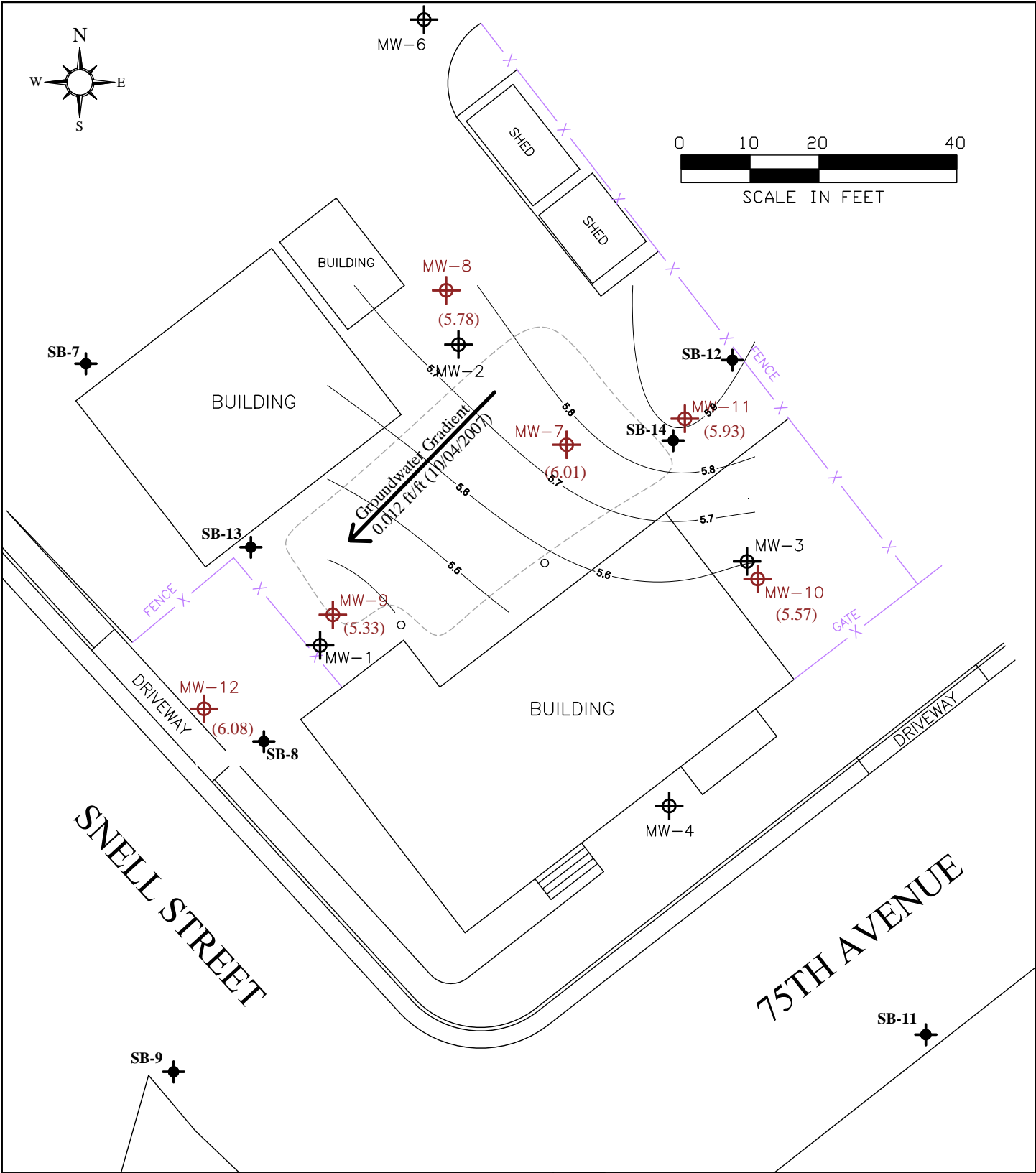
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2500 CAMINO DIABLO, SUITE 200, WALNUT CREEK

GROUNDWATER ELEVATION CONTOURS (SHALLOW ZONE WELLS)

807 75th AVENUE
 OAKLAND, CALIFORNIA

FIGURE 3
 PROJECT NO. 262157



LEGEND

- MONITORING WELL (SHALLOW) SHALLOW WELLS SCREENED 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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 REVISED BY R. BRADFORD 12-18-06

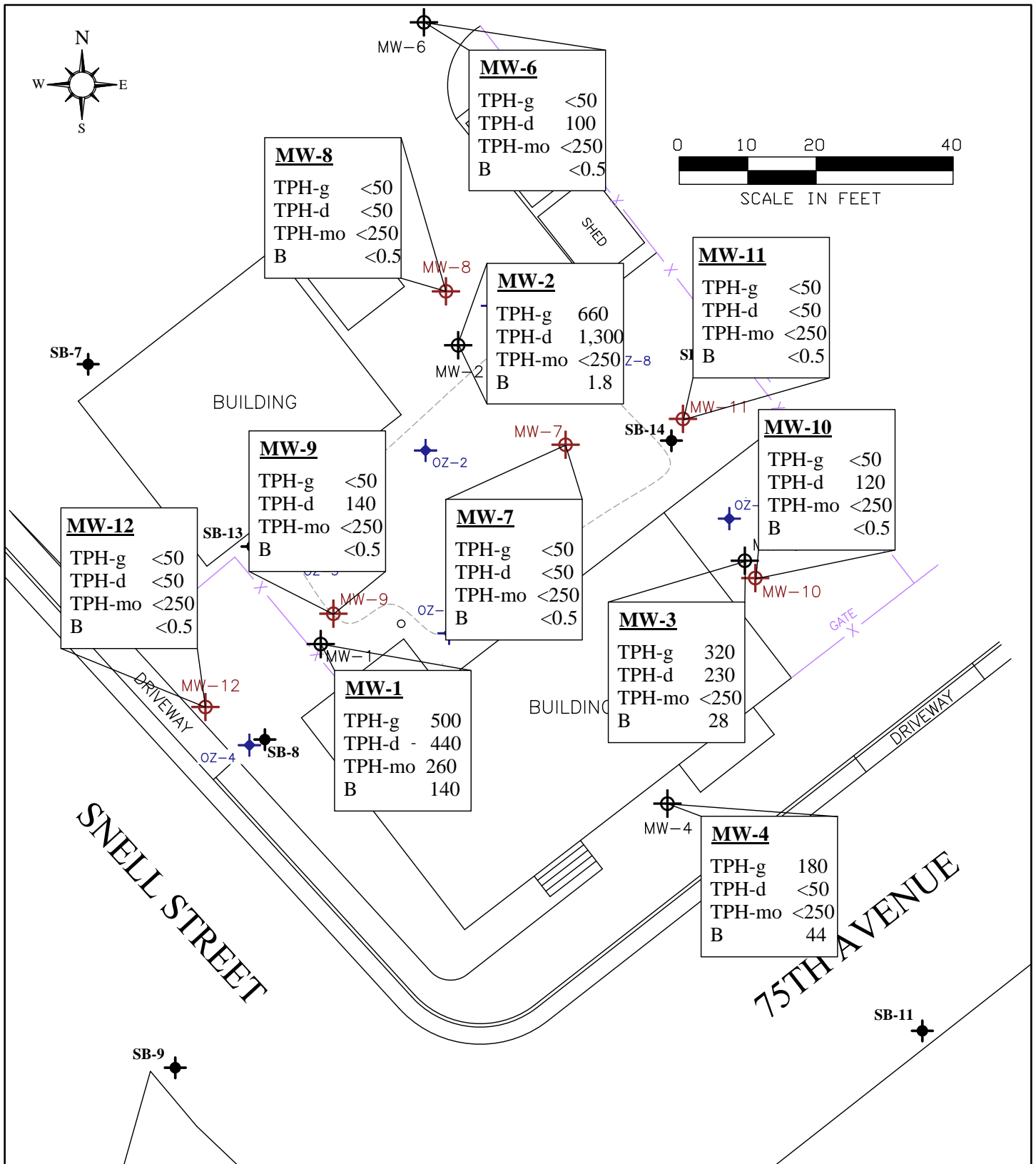
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2500 CAMINO DIABLO, SUITE 200, WALNUT CREEK

**GROUNDWATER ELEVATION CONTOURS
 (DEEPER ZONE WELLS)**

807 75th AVENUE
 OAKLAND, CALIFORNIA

FIGURE 4
 PROJECT NO. 262157



LEGEND

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

- 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

AEI CONSULTANTS

2500 CAMINO DIABLO, SUITE 200, WALNUT CREEK

GROUNDWATER ANALYTICALS

807 75th AVENUE
 OAKLAND, CALIFORNIA

FIGURE 5
 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 |
| 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 |

**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 | 07/18/05 | 12.15 | 5.84 | 6.31 | -0.23 |
| | 10/19/05 | 12.15 | 6.17 | 5.98 | -0.33 |
| | 11/03/05 | 12.15 | 6.21 | 5.94 | -0.04 |
| | 01/11/06 | 12.15 | 5.11 | 7.04 | 1.10 |
| | 03/13/06 | 12.15 | 5.24 | 6.91 | -0.13 |
| | 06/15/06 | 12.15 | 6.23 | 5.92 | -0.99 |
| | 09/20/06 | 12.15 | 6.63 | 5.52 | -0.40 |
| | 01/02/06 | 12.15 | 6.09 | 6.06 | 0.54 |
| | 6/6/2007 | 12.15 | 6.57 | 5.58 | -0.48 |
| | 10/04/07 | 12.15 | 6.63 | 5.52 | -0.06 |
| 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 | |

**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 |
| 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 |
| 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 |
| 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 |
| 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 | |
| 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 | |
| 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 |
| 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 |

* 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 |
| 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 |

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

| Sample ID | Sample Date | Depth to Water | TPH-g | TPH-d | TPH-mo | MTBE | MTBE | Benzene | Toluene | Ethyl benzene | Xylenes |
|---------------------------|-----------------|----------------|-----------------|--------------|------------------|------------|------------------|------------|------------------|---------------|-----------|
| | | | EPA Method 8015 | | | 8260B | EPA Method 8021B | | | | |
| | | | (µg/L) | (µg/L) | (µg/L) | | (µg/L) | (µg/L) | (µg/L) | (µg/L) | (µg/L) |
| MW-2 continued | 04/15/04 | 6.02 | 2,700 | 1,100 | ND<250 | --- | ND<15 | 28 | 11 | 120 | 100 |
| | 07/15/04 | 5.27 | 2,300 | 1,000 | ND<250 | --- | ND<10 | 8.8 | 3.8 | 96 | 84 |
| | 10/18/04 | 5.27 | 2,400 | 910 | ND<250 | --- | ND<10 | 8.6 | 8.9 | 68 | 72 |
| | 01/25/05 | 5.41 | 3,500 | 1,200 | ND<250 | --- | ND<50 | 21 | 11 | 170 | 120 |
| | 04/19/05 | 5.61 | 3,400 | 1,700 | ND<250 | --- | ND<15 | 15 | 7.4 | 150 | 94 |
| | 07/18/05 | 5.84 | 3,400 | 1,400 | ND<250 | --- | ND<5.0 | 11 | 9.7 | 100 | 89 |
| | 10/18/05 | 6.17 | 3,000 | 2,000 | 270 | --- | ND<5.0 | 8.4 | 6.7 | 88 | 86 |
| | 01/11/06 | 5.11 | 3,400 | 1,700 | ND<250 | --- | ND<90 | 18 | 9.4 | 170 | 87 |
| | 03/13/06 | 5.24 | 3,400 | 1,200 | ND<250 | 0.76 | ND<50 | 20 | 9.4 | 110 | 80 |
| | 06/15/06 | 6.23 | 2,200 | 2,400 | 270 | --- | ND<10 | 8.4 | ND<1.0 | 81 | 72 |
| | 09/20/06 | 6.63 | 2,400 | 860 | ND<250 | --- | ND<50 | 12 | 13 | 46 | 65 |
| | 01/02/07 | 6.09 | 3,800 | 2,100 | ND<250 | --- | ND<25 | 11 | 7.6 | 110 | 120 |
| | 06/06/07 | 6.57 | 3,800 | 1,500 | ND<250 | --- | ND<20 | 17 | 17 | 75 | 58 |
| | 07/11/07 | --- | 5,300 | 2,900 | 480 | --- | ND<17 | 10 | 8 | 47 | 72 |
| | 10/04/07 | 6.63 | 660 | 1,300 | ND<250 | --- | ND<5.0 | 1.8 | 0.83 | 40 | 45 |
| | MW-3 | 07/30/99 | 5.35 | 2,700 | --- | --- | --- | ND<10 | 220 | 15 | 130 |
| 11/09/99 | | 5.11 | 3,100 | --- | --- | --- | 15 | 440 | 8.8 | 150 | 96 |
| 02/23/00 | | 2.37 | 1,800 | --- | --- | --- | ND<15 | 180 | 11 | 82 | 79 |
| 05/26/00 | | 4.98 | 1,600 | --- | --- | --- | 6.4 | 140 | 10 | 69 | 63 |
| 10/10/00 | | 5.24 | 1,100 | --- | --- | --- | ND<10 | 110 | 4.4 | 63 | 51 |
| 02/07/01 | | 4.73 | 1,100 | --- | --- | --- | ND<10 | 130 | 5.1 | 68 | 65 |
| 05/25/01 | | 4.73 | 1,200 | --- | --- | --- | ND<6.0 | 120 | 5.4 | 69 | 64 |
| 09/19/01 | | 5.07 | 800 | --- | --- | --- | <5.0 | 78 | 3.5 | 52 | 37 |
| 02/06/02 | | 4.69 | 1,100 | --- | --- | --- | ND<10 | 130 | 4.7 | 77 | 71 |
| 05/17/02 | | 4.80 | 2,800 | 810 | --- | 2.0 | ND<50 | 410 | 23 | 160 | 210 |
| 08/20/02 | | 4.97 | 780 | 270 | ND<5000 | --- | ND<10 | 110 | 2.8 | 63 | 41 |
| 01/10/03 | | 3.59 | 1,100 | 510 | ND<5000 | --- | ND<20 | 160 | 3.4 | 98 | 84 |
| 04/14/03 | | 5.40 | 690 | 230 | - | --- | ND<5.0 | 60 | 2.3 | 44 | 34 |
| 07/14/03 | | 4.69 | 900 | 380 | - | --- | ND<5.0 | 130 | 2.0 | 70 | 43 |
| 10/14/03 | | 5.16 | 500 | 200 | ND<250 | --- | ND<10 | 50 | 2.3 | 37 | 18 |
| 01/13/04 | | 4.15 | 1,500 | 400 | ND<250 | --- | ND<30 | 200 | 6.2 | 120 | 88 |
| 04/15/04 | | 4.73 | 1,100 | 280 | ND<250 | --- | ND<15 | 130 | 3.7 | 75 | 53 |
| 07/15/04 | | 5.03 | 610 | 240 | ND<250 | --- | ND<5.0 | 73 | 2.1 | 51 | 29 |
| 10/18/04 | | 5.03 | 370 | 270 | ND<250 | --- | ND<5.0 | 45 | 1.2 | 47 | 28 |
| 01/25/05 | | 4.13 | 840 | 300 | ND<250 | --- | ND<5.0 | 85 | 2.4 | 68 | 45 |
| 04/19/05 | | 4.23 | 1,100 | 380 | ND<250 | --- | ND<5.0 | 140 | 4.0 | 95 | 59 |
| 07/18/05 | | 4.66 | 740 | 290 | ND<250 | --- | ND<5.0 | 98 | 2.0 | 70 | 35 |
| 10/18/05 | | 4.82 | 420 | 220 | ND<250 | --- | ND<5.0 | 38 | 1.1 | 35 | 16 |
| 01/11/06 | | 3.73 | 740 | 260 | ND<250 | --- | ND<5.0 | 75 | 2.5 | 60 | 32 |
| 03/13/06 | | 3.76 | 1,300 | 380 | ND<250 | 1.1 | ND<17 | 90 | 2.5 | 87 | 72 |
| 06/15/06 | | 4.38 | 670 | 300 | ND<250 | --- | ND<5.0 | 76 | 1.3 | 60 | 40 |
| 09/20/09 | | 4.84 | 510 | 300 | 310 | --- | ND<17 | 49 | ND<1.7 | 50 | 36 |
| 01/02/07 | | 4.73 | 380 | 180 | ND<250 | --- | ND<5.0 | 33 | 1.3 | 32 | 17 |
| 06/06/07 | | 4.70 | 460 | 230 | ND<250 | --- | ND<5.0 | 40 | 1.9 | 39 | 22 |
| 10/04/07 | | 4.75 | 320 | 230 | ND<250 | --- | ND<5.0 | 28 | ND<0.5 | 29 | 17 |

**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-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 |
| 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 |
| | 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 |

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

| Sample ID | Sample Date | Depth to Water | TPH-g | TPH-d | TPH-mo | MTBE | MTBE | Benzene | Toluene | Ethyl benzene | Xylenes |
|---------------------------------|--------------------------------|---|-----------------|---------------------|------------------|------------|------------------|------------------|------------------|------------------|------------------|
| | | | EPA Method 8015 | | | 8260B | EPA Method 8021B | | | | |
| | | | (µg/L) | (µg/L) | (µg/L) | | (µg/L) | (µg/L) | (µg/L) | (µg/L) | (µg/L) |
| TW-5 continued | 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 | | | | | | | | | |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |

**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-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 | 5.03 | 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 |
| 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 | --- | 1,700.0 | -- | -- | -- | 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 | -0.50 | Shallow Zone 0.005 / SW |
| | 10/4/07 | 5.72 | -0.66 | Deeper Zone 0.012/ S |

Average water table elevation calculated using Microsoft Excel

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: | 10/4/2007 |
| 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) | 10.68 | | |
| Depth of Well | 20.00 | | |
| Depth to Water (from top of casing) | 5.32 | | |
| Water Elevation (feet above msl) | 5.36 | | |
| 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 and cloudy. Clears @ 2 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 |
| 10:54 | 1 | 19.21 | 6.66 | 1283 | 1.29 | -138.1 | Clear |
| 10:55 | 2 | 19.52 | 6.69 | 1262 | 1.03 | -30.3 | Clear |
| 10:56 | 3 | 19.70 | 6.70 | 1264 | 0.91 | -23.2 | Clear |
| 10:57 | 4 | 19.73 | 6.68 | 1269 | 0.77 | -17.9 | Clear |
| 10:58 | 5 | 19.53 | 6.66 | 1273 | 0.51 | -30.4 | Clear |
| 11:01 | 8 | 19.28 | 6.63 | 1276 | 0.48 | -39.9 | Clear |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

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

| |
|---|
| Slightly dark with slight hydrocarbon odors. Clears at 1 gallon |
| |
| |

AEI CONSULTANTS
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-2

| | | | |
|------------------|-------------------------|-------------------|-----------|
| Project Name: | Omega Termite | Date of Sampling: | 10/4/2007 |
| 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) | 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) | 6.4 | | |
| Actual Volume Purged (gallons) | 7.0 | | |
| Appearance of Purge Water | Green, clears 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 |
| 11:56 | 1 | 20.25 | 6.78 | 990 | 1.77 | -102.4 | Light grey |
| 11:57 | 2 | 21.35 | 6.77 | 997 | 1.20 | -80.0 | Clear |
| 11:58 | 3 | 21.53 | 6.74 | 1022 | 1.00 | -71.9 | Clear |
| 11:59 | 4 | 21.36 | 6.75 | 1016 | 0.73 | -78.0 | Clear |
| 12:00 | 5 | 21.00 | 6.81 | 1004 | 0.48 | -87.3 | Clear |
| 12:02 | 7 | 20.54 | 6.80 | 997 | 0.41 | -86.6 | Clear |
| | | | | | | | |
| | | | | | | | |

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

| |
|---|
| Grey with strong hydrocarbon odors noted. Clears by 2 gallons |
| |
| |

AEI CONSULTANTS
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-3

| | | | |
|------------------|-------------------------|-------------------|-----------|
| Project Name: | Omega Termite | Date of Sampling: | 10/4/2007 |
| 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) | 10.40 | | |
| Depth of Well | 20.00 | | |
| Depth to Water (from top of casing) | 4.75 | | |
| Water Elevation (feet above msl) | 5.65 | | |
| 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 |
| 11:08 | 1 | 19.27 | 6.64 | 1426 | 1.36 | 524.9 | Clear |
| 11:09 | 2 | 19.98 | 6.61 | 1409 | 1.75 | 526.6 | Clear |
| 11:10 | 3 | 20.04 | 6.60 | 1432 | 1.13 | 260.1 | Clear |
| 11:11 | 4 | 19.90 | 6.58 | 1446 | 0.84 | 499.8 | Clear |
| 11:12 | 5 | 19.60 | 6.61 | 1445 | 0.67 | 162.1 | Clear |
| 11:13 | 6 | 19.44 | 6.66 | 1450 | 0.54 | 2.2 | Clear |
| 11:15 | 8 | 19.23 | 6.69 | 1438 | 0.50 | -11.4 | Clear |
| | | | | | | | |
| | | | | | | | |

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

| |
|---------------------------------|
| 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: | 10/4/2007 |
| 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) | 10.31 | | |
| Depth of Well | 20.00 | | |
| Depth to Water (from top of casing) | 4.78 | | |
| Water Elevation (feet above msl) | 5.53 | | |
| 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 |
| 10:35 | 1 | 20.07 | 6.62 | 1410 | 2.45 | 528.4 | Clear |
| 10:36 | 2 | 20.75 | 6.68 | 1341 | 2.66 | 527.3 | Clear |
| 10:37 | 3 | 20.85 | 6.66 | 1371 | 2.59 | 527.7 | Clear |
| 10:38 | 4 | 20.68 | 6.64 | 1427 | 2.17 | 527.7 | Clear |
| 10:39 | 5 | 20.43 | 6.62 | 1454 | 1.77 | 530.9 | Clear |
| 10:40 | 6 | 20.20 | 6.60 | 1471 | 1.15 | 529.9 | Clear |
| 10:42 | 8 | 19.89 | 6.61 | 1499 | 0.84 | 411.4 | 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: | 10/4/2007 |
| 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) | 12.35 | | |
| Depth of Well | 14.00 | | |
| Depth to Water (from top of casing) | 6.83 | | |
| 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) | 3.4 | | |
| Actual Volume Purged (gallons) | 4.0 | | |
| Appearance of Purge Water | Brown | | |
| Free Product Present? | No | Thickness (ft): | NA |

GROUNDWATER SAMPLES

| Number of Samples/Container Size | | | | 2 - 40ml VOAs, 1 L Amber | | | |
|----------------------------------|-------------------|---------------------|------|--------------------------|-----------|-----------|----------|
| Time | Vol Removed (gal) | Temperature (deg C) | pH | Conductivity (μS/cm) | DO (mg/L) | ORP (meV) | Comments |
| 8:53 | 1 | 19.99 | 6.79 | 1279 | 1.9 | 179.2 | Clear |
| 8:54 | 2 | 20.67 | 6.80 | 1282 | 1.16 | 173.8 | Clear |
| 8:55 | 3 | 20.54 | 6.79 | 1285 | 1.02 | 169.1 | Clear |
| 8:58 | 4 | 20.34 | 6.78 | 1281 | 0.95 | 159.1 | Clear |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

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

| |
|--|
| Brown with no hydrocarbon odors noted. Fast clearing. Brown at 3 gallons |
| |
| |

AEI CONSULTANTS
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-7

| | | | |
|------------------|-------------------------|-------------------|-----------|
| Project Name: | Omega Termite | Date of Sampling: | 10/4/2007 |
| 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) | 11.16 | | |
| Depth of Well | 35.00 | | |
| Depth to Water (from top of casing) | 5.15 | | |
| Water Elevation (feet above msl) | 6.01 | | |
| 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) | 14.3 | | |
| Actual Volume Purged (gallons) | 15.0 | | |
| Appearance of Purge Water | Brown, Clears @ 3 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 |
| 8:37 | 1 | 18.46 | 6.85 | 1600 | 10.01 | 261.5 | Brown |
| 8:38 | 2 | 18.47 | 6.81 | 1599 | 8.64 | 245.1 | Light Brown |
| 8:39 | 3 | 18.48 | 6.81 | 1596 | 8.53 | 235.2 | Clear |
| 8:41 | 6 | 18.49 | 6.84 | 1587 | 8.97 | 211.6 | Clear |
| 8:43 | 9 | 18.50 | 6.85 | 1574 | 9.43 | 196.9 | Clear |
| 8:45 | 12 | 18.50 | 6.85 | 1568 | 9.62 | 184.8 | Clear |
| 8:47 | 15 | 18.50 | 6.84 | 1563 | 9.68 | 186.1 | Clear |
| | | | | | | | |
| | | | | | | | |

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

| |
|--|
| No hydrocarbon odors noted. High air pressure. |
| Clears at 3 gallons |
| |
| |

AEI CONSULTANTS
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-8

| | | | |
|------------------|-------------------------|-------------------|-----------|
| Project Name: | Omega Termite | Date of Sampling: | 10/4/2007 |
| 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) | 12.42 | | |
| Depth of Well | 35.00 | | |
| Depth to Water (from top of casing) | 6.64 | | |
| Water Elevation (feet above msl) | 5.78 | | |
| 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) | 13.5 | | |
| Actual Volume Purged (gallons) | 14.0 | | |
| 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 |
| 9:03 | 1 | 18.51 | 6.81 | 2087 | 4.38 | 131.2 | Brown |
| 9:04 | 2 | 18.58 | 6.81 | 2095 | 4.39 | 132.1 | Brown |
| 9:05 | 3 | 18.67 | 6.81 | 2103 | 4.22 | 133.0 | Brown |
| 9:06 | 4 | 18.83 | 6.82 | 2113 | 3.82 | 132.9 | Light Brown |
| 9:08 | 6 | 18.95 | 6.83 | 2114 | 3.23 | 130.9 | Light Brown |
| 9:10 | 8 | 18.92 | 6.84 | 2120 | 2.53 | 125.7 | Light Brown |
| 9:12 | 10 | 18.75 | 6.83 | 2115 | 2.26 | 123.5 | Light Brown |
| 9:14 | 12 | 18.82 | 6.84 | 2116 | 2.50 | 123.2 | Light Brown |
| 9:16 | 14 | 18.82 | 6.84 | 2114 | 2.35 | 123.1 | Light Brown |

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

| |
|--|
| Milky brown with No hydrocarbon odors noted. Strong air pressure |
| Light brown, clears at 3.5 gallons |
| |
| |

AEI CONSULTANTS
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-9

| | | | |
|------------------|-------------------------|-------------------|-----------|
| Project Name: | Omega Termite | Date of Sampling: | 10/4/2007 |
| 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) | 11.22 | | |
| Depth of Well | 35.00 | | |
| Depth to Water (from top of casing) | 5.89 | | |
| Water Elevation (feet above msl) | 5.33 | | |
| 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) | 13.9 | | |
| Actual Volume Purged (gallons) | 14.0 | | |
| Appearance of Purge Water | Brown then clear @ 4 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 |
| 12:10 | 1 | 18.61 | 6.89 | 1369 | 7.75 | 146.9 | Brown |
| 12:11 | 2 | 18.89 | 6.87 | 1369 | 7.08 | 147.7 | Light Brown |
| 12:12 | 3 | 19.04 | 6.87 | 1368 | 6.71 | 134.3 | Light Brown |
| 12:13 | 4 | 19.23 | 6.88 | 1368 | 6.33 | 119.5 | Clear |
| 12:14 | 5 | 19.27 | 6.88 | 1360 | 5.83 | 113.6 | Clear |
| 12:16 | 6 | 18.86 | 6.87 | 1367 | 5.60 | 114.1 | Clear |
| 12:18 | 8 | 18.58 | 6.92 | 1480 | 6.00 | 118.0 | Brown |
| 12:55 | 10 | 18.56 | 6.84 | 1300 | 4.81 | 106.7 | Clear |
| 12:57 | 12 | 18.76 | 6.83 | 1307 | 3.76 | 106.8 | Clear |
| 12:59 | 14 | 18.97 | 6.83 | 1315 | 3.43 | 110.6 | Clear |

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

| |
|--|
| Brown with no hydrocarbon odors. High air pressure. |
| Light brown @ 1.5 gallons. Clear @ 4 gallons, became brown @ 7 gallons, went dry at 8.5 gallons @ 12:18 pm |
| Recharged @ 12:54 pm |
| |

AEI CONSULTANTS
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-10

| | | | |
|------------------|-------------------------|-------------------|-----------|
| Project Name: | Omega Termite | Date of Sampling: | 10/4/2007 |
| 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) | 10.31 | | |
| Depth of Well | 35.00 | | |
| Depth to Water (from top of casing) | 4.74 | | |
| Water Elevation (feet above msl) | 5.57 | | |
| 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) | 16.0 | | |
| Appearance of Purge Water | Brown, clears at 1 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 |
| 9:24 | 1 | 18.50 | 6.61 | 1664 | 2.55 | -7.0 | Clear |
| 9:25 | 2 | 18.55 | 6.62 | 1662 | 1.57 | -15.2 | Clear |
| 9:26 | 3 | 18.74 | 6.63 | 1657 | 1.20 | -33.9 | Clear |
| 9:27 | 4 | 18.97 | 6.66 | 1641 | 1.16 | -38.5 | Clear |
| 9:28 | 5 | 19.27 | 6.73 | 1615 | 1.67 | -44.1 | Clear |
| 9:29 | 6 | 18.80 | 6.64 | 1650 | 1.07 | -23.6 | Clear |
| 10:03 | 9 | 18.54 | 6.68 | 1504 | 1.95 | -63.4 | Light Brown |
| 10:05 | 12 | 18.63 | 6.70 | 1507 | 0.96 | -71.9 | Light Brown |
| 10:07 | 15 | 18.79 | 6.71 | 1514 | 0.83 | -75.8 | Light Brown |
| | | | | | | | |

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

| |
|---|
| Brown with hydrocarbon odors noted. Clears @ 1 gallon |
| Well dry at 7 gallons 9:30am, recharged @ 10:01 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) | 10.31 | | |
| Depth of Well | 35.00 | | |
| Depth to Water (from top of casing) | 5.03 | | |
| Water Elevation (feet above msl) | 5.28 | | |
| 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 | 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 |
| 11:38 | 1 | 18.66 | 7.06 | 1260 | 13.97 | 128.9 | Brown |
| 11:39 | 2 | 18.60 | 7.12 | 130 | 18.50 | 142.9 | Light Brown |
| 11:40 | 3 | 18.59 | 7.10 | 1221 | 19.69 | 150.5 | Clear |
| 11:41 | 4 | 18.59 | 7.09 | 1220 | 19.88 | 152.9 | Clear |
| 11:42 | 5 | 18.58 | 7.08 | 1216 | 20.14 | 156.9 | Clear |
| 11:44 | 7 | 18.59 | 7.06 | 1215 | 20.04 | 161.1 | Clear |
| 11:46 | 9 | 18.58 | 7.06 | 1214 | 19.99 | 161.9 | Clear |
| 11:48 | 11 | 18.57 | 7.04 | 1211 | 19.83 | 163.3 | Clear |
| 11:50 | 13 | 18.58 | 7.04 | 1211 | 19.68 | 164.1 | Clear |
| 11:52 | 15 | 18.58 | 7.04 | 1210 | 19.58 | 164.6 | 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: | 10/4/2007 |
| 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) | 10.31 | | |
| Depth of Well | 35.00 | | |
| Depth to Water (from top of casing) | 4.38 | | |
| Water Elevation (feet above msl) | 5.93 | | |
| 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 | Silty brown. Clears @ 2.5gal | | |
| 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 |
| 10:14 | 1 | 18.72 | 7.14 | 1233 | 17.79 | 94.5 | Brown |
| 10:15 | 2 | 18.83 | 7.15 | 1224 | 18.79 | 106.9 | Brown |
| 10:16 | 3 | 18.94 | 7.15 | 1221 | 18.65 | 115.5 | Clear |
| 10:18 | 5 | 18.99 | 7.15 | 1222 | 18.21 | 118.8 | Clear |
| 10:20 | 7 | 19.05 | 7.14 | 1218 | 17.14 | 123.8 | Clear |
| 10:22 | 9 | 19.06 | 7.12 | 1216 | 16.20 | 126.6 | Clear |
| 10:24 | 11 | 19.01 | 7.10 | 1213 | 15.39 | 128.8 | Clear |
| 10:26 | 13 | 18.93 | 7.07 | 1209 | 14.23 | 132.1 | Clear |
| 10:28 | 15 | 18.90 | 7.07 | 1208 | 14.03 | 133.7 | Clear |
| | | | | | | | |

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

| |
|--|
| Brown with No hydrocarbon odor. Clears @ 2.5 Gallons |
| |
| |
| |

APPENDIX B

Laboratory Analytical Reports With Chain of Custody Documentation



McC Campbell Analytical, Inc.

"When Quality Counts"

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

| | | |
|--|---|--------------------------|
| AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597 | Client Project ID: #262157; Omega Termite | Date Sampled: 06/06/07 |
| | | Date Received: 06/06/07 |
| | Client Contact: Robert Flory | Date Reported: 06/13/07 |
| | Client P.O.: | Date Completed: 06/13/07 |

WorkOrder: 0706168

June 13, 2007

Dear Robert:

Enclosed are:

- 1). the results of **11** analyzed samples from your **#262157; 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. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

McC Campbell Analytical, Inc.



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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0706168

ClientID: AEL

EDF Excel Fax Email HardCopy ThirdParty

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) 944-289
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 06/06/2007

Date Printed: 06/06/2007

| Sample ID | ClientSampID | Matrix | Collection Date | Hold | Requested Tests (See legend below) | | | | | | | | | | | | |
|-------------|--------------|--------|-------------------|--------------------------|------------------------------------|---|---|---|---|---|---|---|---|----|----|----|--|
| | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
| 0706168-001 | MW-1 | Water | 6/6/07 4:17:00 PM | <input type="checkbox"/> | A | A | B | | | | | | | | | | |
| 0706168-002 | MW-2 | Water | 6/6/07 4:22:00 PM | <input type="checkbox"/> | A | | B | | | | | | | | | | |
| 0706168-003 | MW-3 | Water | 6/6/07 4:05:00 PM | <input type="checkbox"/> | A | | B | | | | | | | | | | |
| 0706168-004 | MW-4 | Water | 6/6/07 3:54:00 PM | <input type="checkbox"/> | A | | B | | | | | | | | | | |
| 0706168-005 | MW-6 | Water | 6/6/07 3:38:00 PM | <input type="checkbox"/> | A | | B | | | | | | | | | | |
| 0706168-006 | MW-7 | Water | 6/6/07 3:28:00 PM | <input type="checkbox"/> | A | | B | | | | | | | | | | |
| 0706168-007 | MW-8 | Water | 6/6/07 3:23:00 PM | <input type="checkbox"/> | A | | B | | | | | | | | | | |
| 0706168-008 | MW-9 | Water | 6/6/07 4:10:00 PM | <input type="checkbox"/> | A | | B | | | | | | | | | | |
| 0706168-009 | MW-10 | Water | 6/6/07 4:00:00 PM | <input type="checkbox"/> | A | | B | | | | | | | | | | |
| 0706168-010 | MW-11 | Water | 6/6/07 3:30:00 PM | <input type="checkbox"/> | A | | B | | | | | | | | | | |
| 0706168-011 | MW-12 | Water | 6/6/07 3:44:00 PM | <input type="checkbox"/> | 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.



Sample Receipt Checklist

Client Name: **AEI Consultants** Date and Time Received: **6/6/07 7:44:27 PM**
 Project Name: **#262157; Omega Termite** Checklist completed and reviewed by: **Melissa Valles**
 WorkOrder N°: **0706168** 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: 19.2°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: _____



McC Campbell Analytical, Inc.

"When Quality Counts"

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

| | | |
|--|---|--------------------------|
| AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597 | Client Project ID: #262157; Omega Termite | Date Sampled: 06/06/07 |
| | | Date Received: 06/06/07 |
| | Client Contact: Robert Flory | Date Extracted: 06/09/07 |
| | Client P.O.: | Date Analyzed: 06/09/07 |

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

Extraction method: SW5030B

Analytical methods: SW8021B/8015Cm

Work Order: 0706168

| Lab ID | Client ID | Matrix | TPH(g) | MTBE | Benzene | Toluene | Ethylbenzene | Xylenes | DF | % SS |
|--------|-----------|--------|--------|-------|---------|---------|--------------|---------|----|------|
| 001A | MW-1 | W | 2500,a | ND<20 | 910 | 3.4 | 7.7 | 55 | 1 | 98 |
| 002A | MW-2 | W | 3800,a | ND<20 | 17 | 17 | 75 | 58 | 1 | 109 |
| 003A | MW-3 | W | 460,a | ND | 40 | 1.9 | 39 | 22 | 1 | 102 |
| 004A | MW-4 | W | 190,a | ND | 40 | ND | 14 | 3.6 | 1 | 98 |
| 005A | MW-6 | W | ND | ND | ND | ND | ND | ND | 1 | 94 |
| 006A | MW-7 | W | ND | ND | ND | ND | ND | ND | 1 | 97 |
| 007A | MW-8 | W | ND | ND | ND | ND | ND | ND | 1 | 92 |
| 008A | MW-9 | W | 64,a | ND | 12 | ND | ND | ND | 1 | 98 |
| 009A | MW-10 | W | ND | ND | ND | ND | ND | ND | 1 | 90 |
| 010A | MW-11 | W | ND | ND | ND | ND | ND | ND | 1 | 113 |
| 011A | MW-12 | W | ND | ND | ND | ND | ND | ND | 1 | 118 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
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| | | | | | | | | | | |
|--|---|----|-----|-----|-----|-----|-----|-----|---|-------|
| Reporting Limit for DF =1; ND means not detected at or above the reporting limit | W | 50 | 5.0 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 1 | µg/L |
| | S | NA | 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 McC Campbell 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.



McC Campbell Analytical, Inc.

"When Quality Counts"

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

| | | |
|--|---|----------------------------------|
| AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597 | Client Project ID: #262157; Omega Termite | Date Sampled: 06/06/07 |
| | Client Contact: Robert Flory | Date Received: 06/06/07 |
| | Client P.O.: | Date Analyzed: 06/08/07-06/12/07 |
| | | |

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

Extraction method: SW3510C

Analytical methods: SW8015C

Work Order: 0706168

| Lab ID | Client ID | Matrix | TPH(d) | TPH(mo) | DF | % SS |
|--------------|-----------|--------|---------|---------|----|------|
| 0706168-001B | MW-1 | W | 540,b,d | 300 | 1 | 87 |
| 0706168-002B | MW-2 | W | 1500,d | ND | 1 | 86 |
| 0706168-003B | MW-3 | W | 230,d | ND | 1 | 86 |
| 0706168-004B | MW-4 | W | 59,d,b | ND | 1 | 80 |
| 0706168-005B | MW-6 | W | 76,b | ND | 1 | 88 |
| 0706168-006B | MW-7 | W | ND | ND | 1 | 112 |
| 0706168-007B | MW-8 | W | ND | ND | 1 | 89 |
| 0706168-008B | MW-9 | W | 320,a | 250 | 1 | 93 |
| 0706168-009B | MW-10 | W | 230,k | ND | 1 | 81 |
| 0706168-010B | MW-11 | W | ND | ND | 1 | 114 |
| 0706168-011B | MW-12 | W | ND | ND | 1 | 108 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

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

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

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

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: 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 range (?); no recognizable pattern; m) fuel oil; n) stoddard solvent/mineral spirits; p) see attached narrative.



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0706168

| Analyte | EPA Method SW8021B/8015Cm | | Extraction SW5030B | | | BatchID: 28576 | | | Spiked Sample ID: 0706172-003A | | | |
|------------------------|---------------------------|--------|--------------------|--------|--------|----------------|--------|----------|--------------------------------|-----|----------|-----|
| | 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 | 102 | 82.1 | 22.1 | 98.1 | 79.2 | 21.3 | 70 - 130 | 30 | 70 - 130 | 30 |
| MTBE | ND | 10 | 110 | 95.1 | 14.5 | 103 | 102 | 1.03 | 70 - 130 | 30 | 70 - 130 | 30 |
| Benzene | ND | 10 | 101 | 91.1 | 9.83 | 99 | 94.9 | 4.21 | 70 - 130 | 30 | 70 - 130 | 30 |
| Toluene | ND | 10 | 97.9 | 90.9 | 7.37 | 99.4 | 95.3 | 4.21 | 70 - 130 | 30 | 70 - 130 | 30 |
| Ethylbenzene | ND | 10 | 98.7 | 92 | 7.01 | 103 | 94.8 | 8.26 | 70 - 130 | 30 | 70 - 130 | 30 |
| Xylenes | ND | 30 | 91.3 | 85.3 | 6.79 | 117 | 100 | 15.4 | 70 - 130 | 30 | 70 - 130 | 30 |
| %SS: | 95 | 10 | 104 | 104 | 0 | 94 | 92 | 2.42 | 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 28576 SUMMARY

| Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample ID | Date Sampled | Date Extracted | Date Analyzed |
|--------------|------------------|----------------|-------------------|--------------|------------------|----------------|-------------------|
| 0706168-001A | 06/06/07 4:17 PM | 06/09/07 | 06/09/07 12:56 AM | 0706168-001A | 06/06/07 4:17 PM | 06/09/07 | 06/09/07 5:18 PM |
| 0706168-002A | 06/06/07 4:22 PM | 06/09/07 | 06/09/07 1:29 AM | 0706168-003A | 06/06/07 4:05 PM | 06/09/07 | 06/09/07 2:02 AM |
| 0706168-004A | 06/06/07 3:54 PM | 06/09/07 | 06/09/07 2:35 AM | 0706168-005A | 06/06/07 3:38 PM | 06/09/07 | 06/09/07 4:47 AM |
| 0706168-006A | 06/06/07 3:28 PM | 06/09/07 | 06/09/07 5:54 PM | 0706168-007A | 06/06/07 3:23 PM | 06/09/07 | 06/09/07 6:29 PM |
| 0706168-008A | 06/06/07 4:10 PM | 06/09/07 | 06/09/07 9:08 AM | 0706168-009A | 06/06/07 4:00 PM | 06/09/07 | 06/09/07 9:21 PM |
| 0706168-010A | 06/06/07 3:30 PM | 06/09/07 | 06/09/07 10:15 AM | 0706168-011A | 06/06/07 3:44 PM | 06/09/07 | 06/09/07 11:23 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.



QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0706168

| Analyte | EPA Method SW8015C | | Extraction SW3510C | | | BatchID: 28526 | | | Spiked Sample ID: N/A | | | |
|---------|--------------------|--------|--------------------|--------|--------|----------------|--------|----------|-------------------------|-----|----------|-----|
| | 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 | 119 | 129 | 0.0157 | N/A | N/A | 70 - 130 | 30 |
| %SS: | N/A | 2500 | N/A | N/A | N/A | 116 | 119 | 0.198 | 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 28526 SUMMARY

| Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample ID | Date Sampled | Date Extracted | Date Analyzed |
|--------------|------------------|----------------|------------------|--------------|------------------|----------------|-------------------|
| 0706168-001B | 06/06/07 4:17 PM | 06/06/07 | 06/08/07 5:50 PM | 0706168-002B | 06/06/07 4:22 PM | 06/06/07 | 06/08/07 6:58 PM |
| 0706168-003B | 06/06/07 4:05 PM | 06/06/07 | 06/08/07 8:06 PM | 0706168-004B | 06/06/07 3:54 PM | 06/06/07 | 06/08/07 9:14 PM |
| 0706168-004B | 06/06/07 3:54 PM | 06/06/07 | 06/12/07 3:08 AM | 0706168-005B | 06/06/07 3:38 PM | 06/06/07 | 06/09/07 12:35 AM |
| 0706168-006B | 06/06/07 3:28 PM | 06/06/07 | 06/12/07 7:08 PM | | | | |

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

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

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

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

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



QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0706168

| Analyte | EPA Method SW8015C | | Extraction SW3510C | | | BatchID: 28579 | | | Spiked Sample ID: N/A | | | |
|---------|--------------------|--------|--------------------|--------|--------|----------------|--------|----------|-------------------------|-----|----------|-----|
| | 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 | 109 | 107 | 2.29 | N/A | N/A | 70 - 130 | 30 |
| %SS: | N/A | 2500 | N/A | N/A | N/A | 119 | 116 | 2.26 | 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 28579 SUMMARY

| Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample ID | Date Sampled | Date Extracted | Date Analyzed |
|--------------|------------------|----------------|-------------------|--------------|------------------|----------------|-------------------|
| 0706168-007B | 06/06/07 3:23 PM | 06/06/07 | 06/09/07 2:49 AM | 0706168-008B | 06/06/07 4:10 PM | 06/06/07 | 06/09/07 10:10 AM |
| 0706168-009B | 06/06/07 4:00 PM | 06/06/07 | 06/09/07 11:18 AM | 0706168-010B | 06/06/07 3:30 PM | 06/06/07 | 06/12/07 8:17 PM |
| 0706168-011B | 06/06/07 3:44 PM | 06/06/07 | 06/12/07 9:25 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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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: 10/04/07 |
| | | Date Received: 10/04/07 |
| | Client Contact: Robert Flory | Date Reported: 10/12/07 |
| | Client P.O.: | Date Completed: 10/12/07 |

WorkOrder: 0710203

October 12, 2007

Dear Robert:

Enclosed are:

- 1). the results of **11** 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. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

0710203

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, Oakland, CA

Sampler Signature: *Am* *Nm*

| SAMPLE ID (Field Point Name) | LOCATION | SAMPLING | | # Containers | Type Containers | MATRIX | | | | | METHOD PRESERVED | | | | | 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 Aditiones by 8260 incl DCA & EDB | EPA 625 / 8270 | PAH's / PNA's by EPA 625 / 8270 / 8310 | CAM-17 Metals | LUFT 5 Metals | Lead (7240/7421/239.2/6010) | RCI | Halogenated VOCs (8260B - 8010 Target List) | Other | Comments | |
|---------------------------------|----------|----------|-------|--------------|-----------------|--------|------|-----|--------|-------|------------------|-----|------------------|-------|--|--|-------------------------------|---|--------------------------------------|----------------------------|----------------------------|---------------------------|---------------------|---------------------------------------|----------------|--|---------------|---------------|-----------------------------|-----|---|-------|--|--|
| | | Date | Time | | | Water | Soil | Air | Sludge | Other | Ice | HCl | HNO ₃ | Other | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MW-1 | | 10/9/07 | 12:54 | 4 | 4/L | X | | | | | X | X | | | | | | | | | | | | | | | | | | | | | Filter Samples for Metals Analysis: Yes / No | |
| MW-2 | | | 1:30 | 4 | 1 | X | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | |
| MW-3 | | | 12:44 | 4 | 1 | X | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | |
| MW-4 | | | 12:39 | 4 | 1 | X | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | |
| MW-6 | | | 9:58 | 4 | 1 | X | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | |
| MW-7 | | | 9:46 | 4 | 1 | X | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | |
| MW-8 | | | 9:55 | 4 | 1 | X | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | |
| MW-9 | | | 1:40 | 4 | 1 | X | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | |
| MW-10 | | | 12:30 | 4 | 1 | X | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | |
| MW-11 | | | 11:12 | 4 | 1 | X | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | |
| MW-12 | | | 12:21 | 4 | 1 | X | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---|---------------|------------|--------------------------------------|
| Relinquished By: <i>Am Nm</i> | Date: 10/4/07 | Time: 6:30 | Received By: <i>Enviro-Tech T.L.</i> |
| Relinquished By: <i>Enviro-Tech SR.</i> | Date: 10/4/07 | Time: 1820 | Received By: <i>[Signature]</i> |
| Relinquished By: <i>[Signature]</i> | Date: 10/4/07 | Time: 1736 | Received By: <i>[Signature]</i> |

ICE/r# 10.2

GOOD CONDITION _____

HEAD SPACE ABSENT _____

DECHLORINATED IN LAB _____

PRESERVATION APPROPRIATE CONTAINERS _____

PERSERVED IN LAB _____

VOAS _____ O&G _____ METALS _____ OTHER _____

McC Campbell Analytical, Inc.



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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0710203

ClientID: AEL

EDF Excel Fax Email HardCopy ThirdParty

| | | | |
|---|--|--|--|
| Report to: Robert Flory AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597 | Email: rflory@aeiconsultants.com TEL: (925) 944-289 FAX: (925) 283-612 ProjectNo: #115483; 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 10/04/2007 Date Printed: 10/04/2007 |
|---|--|--|--|

| Sample ID | ClientSampID | Matrix | Collection Date | Hold | Requested Tests (See legend below) | | | | | | | | | | | | |
|-------------|--------------|--------|-------------------|--------------------------|------------------------------------|---|---|---|---|---|---|---|---|----|----|----|--|
| | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
| 0710203-001 | MW-1 | Water | 10/4/2007 1:24:00 | <input type="checkbox"/> | C | A | A | B | | | | | | | | | |
| 0710203-002 | MW-2 | Water | 10/4/2007 1:30:00 | <input type="checkbox"/> | C | A | | B | | | | | | | | | |
| 0710203-003 | MW-3 | Water | 10/4/2007 | <input type="checkbox"/> | C | A | | B | | | | | | | | | |
| 0710203-004 | MW-4 | Water | 10/4/2007 | <input type="checkbox"/> | C | A | | B | | | | | | | | | |
| 0710203-005 | MW-6 | Water | 10/4/2007 9:48:00 | <input type="checkbox"/> | C | A | | B | | | | | | | | | |
| 0710203-006 | MW-7 | Water | 10/4/2007 9:40:00 | <input type="checkbox"/> | C | A | | B | | | | | | | | | |
| 0710203-007 | MW-8 | Water | 10/4/2007 9:55:00 | <input type="checkbox"/> | C | A | | B | | | | | | | | | |
| 0710203-008 | MW-9 | Water | 10/4/2007 1:40:00 | <input type="checkbox"/> | C | A | | B | | | | | | | | | |
| 0710203-009 | MW-10 | Water | 10/4/2007 | <input type="checkbox"/> | C | A | | B | | | | | | | | | |
| 0710203-010 | MW-11 | Water | 10/4/2007 | <input type="checkbox"/> | C | A | | B | | | | | | | | | |
| 0710203-011 | MW-12 | Water | 10/4/2007 | <input type="checkbox"/> | C | A | | B | | | | | | | | | |

Test Legend:

| | | | | | | | | | |
|----|-------------|----|-----------|---|-------------|---|------------|----|--|
| 1 | 8270D-PNA_W | 2 | G-MBTEX_W | 3 | PREF REPORT | 4 | TPH(DMO)_W | 5 | |
| 6 | | 7 | | 8 | | 9 | | 10 | |
| 11 | | 12 | | | | | | | |

Prepared by: Ana Venegas

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.



Sample Receipt Checklist

Client Name: **AEI Consultants** Date and Time Received: **10/4/2007 8:33:28 PM**
 Project Name: **#115483; Omega termite** Checklist completed and reviewed by: **Ana Venegas**
 WorkOrder N°: **0710203** Matrix Water Carrier: Michael Hernandez (MAI Courier)

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: 10.2°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: _____



McC Campbell Analytical, Inc.

"When Quality Counts"

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Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

| | | |
|--|---|--------------------------|
| AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597 | Client Project ID: #115483; Omega termite | Date Sampled: 10/04/07 |
| | Client Contact: Robert Flory | Date Received: 10/04/07 |
| | Client P.O.: | Date Extracted: 10/04/07 |
| | | Date Analyzed: 10/11/07 |

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode by GC/MS

Extraction Method: SW3510C

Analytical Method: SW8270C

Work Order: 0710203

| | | | | | | |
|-----------|--------------|--------------|--------------|--------------|---------------------------|--|
| Lab ID | 0710203-001C | 0710203-002C | 0710203-003C | 0710203-004C | Reporting Limit for DF =1 | |
| Client ID | MW-1 | MW-2 | MW-3 | MW-4 | | |
| Matrix | W | W | W | W | | |
| DF | 1 | 1 | 1 | 1 | | |

| Compound | Concentration | | | | ug/kg | µg/L |
|--------------------------|---------------|----|-----|----|-------|------|
| | Acenaphthene | ND | ND | ND | ND | NA |
| Acenaphthylene | ND | ND | ND | ND | NA | 0.5 |
| Anthracene | ND | ND | ND | ND | NA | 0.5 |
| Benzo(a)anthracene | ND | ND | ND | ND | NA | 0.5 |
| Benzo(a)pyrene | ND | ND | ND | ND | NA | 0.5 |
| Benzo(b)fluoranthene | ND | ND | ND | ND | NA | 0.5 |
| Benzo(k)fluoranthene | ND | ND | ND | ND | NA | 0.5 |
| Benzo(g,h,i)perylene | ND | ND | ND | ND | NA | 0.5 |
| Chrysene | ND | ND | ND | ND | NA | 0.5 |
| Dibenzo(a,h)anthracene | ND | ND | ND | ND | NA | 0.5 |
| Fluoranthene | ND | ND | ND | ND | NA | 0.5 |
| Fluorene | 0.72 | ND | ND | ND | NA | 0.5 |
| Indeno (1,2,3-cd) pyrene | ND | ND | ND | ND | NA | 0.5 |
| 1-Methylnaphthalene | ND | 17 | 3.2 | ND | NA | 0.5 |
| 2-Methylnaphthalene | ND | 17 | 1.5 | ND | NA | 0.5 |
| Naphthalene | ND | 26 | 8.9 | ND | NA | 0.5 |
| Phenanthrene | ND | ND | ND | ND | NA | 0.5 |
| Pyrene | ND | ND | ND | ND | NA | 0.5 |

Surrogate Recoveries (%)

| | | | | | |
|----------|----|----|----|----|--|
| %SS1 | 80 | 82 | 81 | 79 | |
| %SS2 | 82 | 83 | 83 | 81 | |
| Comments | | | | | |

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

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

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; J) analyte detected below quantitation limits.



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| | | |
|--|---|--------------------------|
| AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597 | Client Project ID: #115483; Omega termite | Date Sampled: 10/04/07 |
| | Client Contact: Robert Flory | Date Received: 10/04/07 |
| | Client P.O.: | Date Extracted: 10/04/07 |
| | | Date Analyzed: 10/11/07 |

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode by GC/MS

Extraction Method: SW3510C

Analytical Method: SW8270C

Work Order: 0710203

| | | | | | | |
|-----------|--------------|--------------|--------------|--------------|---------------------------|--|
| Lab ID | 0710203-005C | 0710203-006C | 0710203-007C | 0710203-008C | Reporting Limit for DF =1 | |
| Client ID | MW-6 | MW-7 | MW-8 | MW-9 | | |
| Matrix | W | W | W | W | | |
| DF | 1 | 1 | 1 | 1 | | |

| Compound | Concentration | | | | ug/kg | µg/L |
|--------------------------|---------------|----|----|----|-------|------|
| | Acenaphthene | ND | ND | ND | ND | NA |
| Acenaphthylene | ND | ND | ND | ND | NA | 0.5 |
| Anthracene | ND | ND | ND | ND | NA | 0.5 |
| Benzo(a)anthracene | ND | ND | ND | ND | NA | 0.5 |
| Benzo(a)pyrene | ND | ND | ND | ND | NA | 0.5 |
| Benzo(b)fluoranthene | ND | ND | ND | ND | NA | 0.5 |
| Benzo(k)fluoranthene | ND | ND | ND | ND | NA | 0.5 |
| Benzo(g,h,i)perylene | ND | ND | ND | ND | NA | 0.5 |
| Chrysene | ND | ND | ND | ND | NA | 0.5 |
| Dibenzo(a,h)anthracene | ND | ND | ND | ND | NA | 0.5 |
| Fluoranthene | ND | ND | ND | ND | NA | 0.5 |
| Fluorene | ND | ND | ND | ND | NA | 0.5 |
| Indeno (1,2,3-cd) pyrene | ND | ND | ND | ND | NA | 0.5 |
| 1-Methylnaphthalene | ND | ND | ND | ND | NA | 0.5 |
| 2-Methylnaphthalene | ND | ND | ND | ND | NA | 0.5 |
| Naphthalene | ND | ND | ND | ND | NA | 0.5 |
| Phenanthrene | ND | ND | ND | ND | NA | 0.5 |
| Pyrene | ND | ND | ND | ND | NA | 0.5 |

Surrogate Recoveries (%)

| | | | | |
|------|----|----|----|----|
| %SS1 | 79 | 80 | 79 | 78 |
| %SS2 | 81 | 82 | 82 | 79 |

Comments

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

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

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; J) analyte detected below quantitation limits.



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| | | |
|--|---|--------------------------|
| AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597 | Client Project ID: #115483; Omega termite | Date Sampled: 10/04/07 |
| | Client Contact: Robert Flory | Date Received: 10/04/07 |
| | Client P.O.: | Date Extracted: 10/04/07 |
| | | Date Analyzed: 10/11/07 |

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode by GC/MS

Extraction Method: SW3510C

Analytical Method: SW8270C

Work Order: 0710203

| | | | | | | |
|-----------|--------------|--------------|--------------|--|---------------------------|--|
| Lab ID | 0710203-009C | 0710203-010C | 0710203-011C | | Reporting Limit for DF =1 | |
| Client ID | MW-10 | MW-11 | MW-12 | | | |
| Matrix | W | W | W | | | |
| DF | 1 | 1 | 1 | | | |

| Compound | Concentration | | | | ug/kg | µg/L |
|--------------------------|---------------|----|----|----|-------|------|
| | Acenaphthene | ND | ND | ND | | NA |
| Acenaphthylene | ND | ND | ND | | NA | 0.5 |
| Anthracene | ND | ND | ND | | NA | 0.5 |
| Benzo(a)anthracene | ND | ND | ND | | NA | 0.5 |
| Benzo(a)pyrene | ND | ND | ND | | NA | 0.5 |
| Benzo(b)fluoranthene | ND | ND | ND | | NA | 0.5 |
| Benzo(k)fluoranthene | ND | ND | ND | | NA | 0.5 |
| Benzo(g,h,i)perylene | ND | ND | ND | | NA | 0.5 |
| Chrysene | ND | ND | ND | | NA | 0.5 |
| Dibenzo(a,h)anthracene | ND | ND | ND | | NA | 0.5 |
| Fluoranthene | ND | ND | ND | | NA | 0.5 |
| Fluorene | ND | ND | ND | | NA | 0.5 |
| Indeno (1,2,3-cd) pyrene | ND | ND | ND | | NA | 0.5 |
| 1-Methylnaphthalene | ND | ND | ND | | NA | 0.5 |
| 2-Methylnaphthalene | ND | ND | ND | | NA | 0.5 |
| Naphthalene | ND | ND | ND | | NA | 0.5 |
| Phenanthrene | ND | ND | ND | | NA | 0.5 |
| Pyrene | ND | ND | ND | | NA | 0.5 |

Surrogate Recoveries (%)

| | | | | | |
|-----------------|----|----|----|--|--|
| %SS1 | 78 | 78 | 78 | | |
| %SS2 | 80 | 79 | 81 | | |
| Comments | | | | | |

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

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

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; J) analyte detected below quantitation limits.



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| | | |
|--|---|-----------------------------------|
| AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597 | Client Project ID: #115483; Omega termite | Date Sampled: 10/04/07 |
| | | Date Received: 10/04/07 |
| | Client Contact: Robert Flory | Date Extracted: 10/07/07-10/12/07 |
| | Client P.O.: | Date Analyzed 10/07/07-10/12/07 |

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

Extraction method SW5030B

Analytical methods SW8021B/8015Cm

Work Order: 0710203

| Lab ID | Client ID | Matrix | TPH(g) | MTBE | Benzene | Toluene | Ethylbenzene | Xylenes | DF | % SS |
|--------|-----------|--------|---------|-------|---------|---------|--------------|---------|----|------|
| 001A | MW-1 | W | 500,a | ND | 140 | ND | 1.8 | 8.2 | 1 | 97 |
| 002A | MW-2 | W | 660,b,m | ND | 1.8 | 0.83 | 40 | 45 | 1 | 98 |
| 003A | MW-3 | W | 320,a | ND | 28 | ND | 29 | 17 | 1 | 91 |
| 004A | MW-4 | W | 180,a | ND<10 | 44 | ND | 12 | 2.2 | 1 | 100 |
| 005A | MW-6 | W | ND | ND | ND | ND | ND | ND | 1 | 97 |
| 006A | MW-7 | W | ND | ND | ND | ND | ND | ND | 1 | 95 |
| 007A | MW-8 | W | ND | ND | ND | ND | ND | ND | 1 | 94 |
| 008A | MW-9 | W | ND | ND | 4.2 | ND | ND | ND | 1 | 102 |
| 009A | MW-10 | W | ND | ND | ND | ND | ND | ND | 1 | 92 |
| 010A | MW-11 | W | ND | ND | ND | ND | ND | ND | 1 | 120 |
| 011A | MW-12 | W | ND | ND | ND | ND | ND | ND | 1 | 128 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

| | | | | | | | | | |
|--|---|----|-----|-----|-----|-----|-----|---|-------|
| 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 McC Campbell 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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| | | |
|--|---|----------------------------------|
| AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597 | Client Project ID: #115483; Omega termite | Date Sampled: 10/04/07 |
| | Client Contact: Robert Flory | Date Received: 10/04/07 |
| | Client P.O.: | Date Extracted: 10/04/07 |
| | | Date Analyzed: 10/08/07-10/10/07 |

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

Extraction method: SW3510C

Analytical methods: SW8015C

Work Order: 0710203

| Lab ID | Client ID | Matrix | TPH(d) | TPH(mo) | DF | % SS |
|--------------|-----------|--------|----------|---------|----|------|
| 0710203-001B | MW-1 | W | 440,a | 260 | 1 | 95 |
| 0710203-002B | MW-2 | W | 1300,d,b | ND | 1 | 97 |
| 0710203-003B | MW-3 | W | 230,d | ND | 1 | 99 |
| 0710203-004B | MW-4 | W | ND | ND | 1 | 87 |
| 0710203-005B | MW-6 | W | 100,b | ND | 1 | 88 |
| 0710203-006B | MW-7 | W | ND | ND | 1 | 102 |
| 0710203-007B | MW-8 | W | ND | ND | 1 | 103 |
| 0710203-008B | MW-9 | W | 140,a | ND | 1 | 106 |
| 0710203-009B | MW-10 | W | 120,b | ND | 1 | 105 |
| 0710203-010B | MW-11 | W | ND | ND | 1 | 95 |
| 0710203-011B | MW-12 | W | ND | ND | 1 | 100 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

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

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

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

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



QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0710203

| EPA Method SW8270C | Extraction SW3510C | | | BatchID: 31136 | | | Spiked Sample ID: N/A | | | | | |
|---------------------|--------------------|--------|--------|----------------|--------|--------|-----------------------|----------|-------------------------|-----|----------|-----|
| | 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 |
| Benzo(a)pyrene | N/A | 10 | N/A | N/A | N/A | 81.4 | 81.3 | 0.187 | N/A | N/A | 30 - 130 | 30 |
| Chrysene | N/A | 10 | N/A | N/A | N/A | 84.4 | 82 | 2.90 | N/A | N/A | 30 - 130 | 30 |
| 1-Methylnaphthalene | N/A | 10 | N/A | N/A | N/A | 88.9 | 89 | 0.125 | N/A | N/A | 30 - 130 | 30 |
| 2-Methylnaphthalene | N/A | 10 | N/A | N/A | N/A | 86.4 | 85.2 | 1.46 | N/A | N/A | 30 - 130 | 30 |
| Phenanthrene | N/A | 10 | N/A | N/A | N/A | 79.6 | 79.1 | 0.561 | N/A | N/A | 30 - 130 | 30 |
| Pyrene | N/A | 10 | N/A | N/A | N/A | 80.6 | 80 | 0.728 | N/A | N/A | 30 - 130 | 30 |
| %SS1: | N/A | 5 | N/A | N/A | N/A | 85 | 85 | 0 | N/A | N/A | 30 - 130 | 30 |
| %SS2: | N/A | 5 | N/A | N/A | N/A | 91 | 92 | 0.281 | N/A | N/A | 30 - 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 31136 SUMMARY

| Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample ID | Date Sampled | Date Extracted | Date Analyzed |
|--------------|-------------------|----------------|-------------------|--------------|-------------------|----------------|-------------------|
| 0710203-001C | 10/04/07 1:24 PM | 10/04/07 | 10/11/07 1:59 AM | 0710203-002C | 10/04/07 1:30 PM | 10/04/07 | 10/11/07 3:17 AM |
| 0710203-003C | 10/04/07 12:48 PM | 10/04/07 | 10/11/07 4:35 AM | 0710203-004C | 10/04/07 12:39 PM | 10/04/07 | 10/11/07 5:53 AM |
| 0710203-005C | 10/04/07 9:48 AM | 10/04/07 | 10/11/07 7:11 AM | 0710203-006C | 10/04/07 9:40 AM | 10/04/07 | 10/11/07 8:29 AM |
| 0710203-007C | 10/04/07 9:55 AM | 10/04/07 | 10/11/07 9:47 AM | 0710203-008C | 10/04/07 1:40 PM | 10/04/07 | 10/11/07 11:06 AM |
| 0710203-009C | 10/04/07 12:30 PM | 10/04/07 | 10/11/07 12:25 PM | 0710203-010C | 10/04/07 11:12 AM | 10/04/07 | 10/11/07 1:45 PM |
| 0710203-011C | 10/04/07 12:21 PM | 10/04/07 | 10/11/07 3:05 PM | | | | |

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

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

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

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

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



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0710203

| EPA Method SW8021B/8015Cm | | Extraction SW5030B | | | BatchID: 31088 | | | Spiked Sample ID: 0710163-005A | | | | |
|---------------------------|--------|--------------------|--------|--------|----------------|--------|--------|--------------------------------|-------------------------|-----|----------|-----|
| 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 | 74.9 | 76.6 | 2.23 | 82.1 | 88.9 | 7.91 | 70 - 130 | 30 | 70 - 130 | 30 |
| MTBE | ND | 10 | 113 | 107 | 5.51 | 112 | 115 | 2.50 | 70 - 130 | 30 | 70 - 130 | 30 |
| Benzene | ND | 10 | 107 | 103 | 3.62 | 98 | 104 | 5.73 | 70 - 130 | 30 | 70 - 130 | 30 |
| Toluene | ND | 10 | 119 | 114 | 4.27 | 108 | 117 | 8.17 | 70 - 130 | 30 | 70 - 130 | 30 |
| Ethylbenzene | ND | 10 | 114 | 112 | 2.39 | 105 | 107 | 2.35 | 70 - 130 | 30 | 70 - 130 | 30 |
| Xylenes | ND | 30 | 120 | 120 | 0 | 110 | 113 | 2.99 | 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 31088 SUMMARY

| Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample ID | Date Sampled | Date Extracted | Date Analyzed |
|--------------|-------------------|----------------|-------------------|--------------|------------------|----------------|-------------------|
| 0710203-001A | 10/04/07 1:24 PM | 10/11/07 | 10/11/07 9:47 AM | 0710203-002A | 10/04/07 1:30 PM | 10/12/07 | 10/12/07 12:22 AM |
| 0710203-003A | 10/04/07 12:48 PM | 10/11/07 | 10/11/07 11:49 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.



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0710203

| EPA Method SW8021B/8015Cm | | Extraction SW5030B | | | BatchID: 31107 | | | Spiked Sample ID: 0710173-001A | | | | |
|---------------------------|--------|--------------------|--------|--------|----------------|--------|--------|--------------------------------|-------------------------|-----|----------|-----|
| 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 | 71.8 | 76.6 | 6.51 | 77.3 | 75.8 | 1.99 | 70 - 130 | 30 | 70 - 130 | 30 |
| MTBE | ND | 10 | 109 | 105 | 4.34 | 108 | 112 | 3.59 | 70 - 130 | 30 | 70 - 130 | 30 |
| Benzene | ND | 10 | 103 | 97.8 | 5.57 | 97.8 | 97.9 | 0.148 | 70 - 130 | 30 | 70 - 130 | 30 |
| Toluene | ND | 10 | 114 | 108 | 5.22 | 109 | 108 | 0.984 | 70 - 130 | 30 | 70 - 130 | 30 |
| Ethylbenzene | ND | 10 | 111 | 105 | 5.09 | 106 | 105 | 1.77 | 70 - 130 | 30 | 70 - 130 | 30 |
| Xylenes | ND | 30 | 113 | 110 | 2.99 | 113 | 110 | 2.99 | 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 31107 SUMMARY

| Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample ID | Date Sampled | Date Extracted | Date Analyzed |
|--------------|-------------------|----------------|------------------|--------------|------------------|----------------|------------------|
| 0710203-004A | 10/04/07 12:39 PM | 10/07/07 | 10/07/07 5:03 AM | 0710203-005A | 10/04/07 9:48 AM | 10/07/07 | 10/07/07 5:36 AM |
| 0710203-006A | 10/04/07 9:40 AM | 10/07/07 | 10/07/07 6:08 AM | 0710203-007A | 10/04/07 9:55 AM | 10/07/07 | 10/07/07 6:41 AM |
| 0710203-008A | 10/04/07 1:40 PM | 10/07/07 | 10/07/07 7:14 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.



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0710203

| EPA Method SW8021B/8015Cm | | Extraction SW5030B | | | BatchID: 31135 | | | Spiked Sample ID: 0710203-011A | | | | |
|---------------------------|--------|--------------------|--------|--------|----------------|--------|--------|--------------------------------|-------------------------|-----|----------|-----|
| 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 | 81.4 | 90.5 | 10.6 | 106 | 102 | 4.21 | 70 - 130 | 30 | 70 - 130 | 30 |
| MTBE | ND | 10 | 96.3 | 104 | 7.90 | 111 | 117 | 4.52 | 70 - 130 | 30 | 70 - 130 | 30 |
| Benzene | ND | 10 | 85.6 | 98.2 | 13.7 | 105 | 105 | 0 | 70 - 130 | 30 | 70 - 130 | 30 |
| Toluene | ND | 10 | 78.5 | 88.7 | 12.1 | 103 | 98 | 4.90 | 70 - 130 | 30 | 70 - 130 | 30 |
| Ethylbenzene | ND | 10 | 86.5 | 95.3 | 9.76 | 103 | 103 | 0 | 70 - 130 | 30 | 70 - 130 | 30 |
| Xylenes | ND | 30 | 81.7 | 92.3 | 12.3 | 96.7 | 96.7 | 0 | 70 - 130 | 30 | 70 - 130 | 30 |

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

BATCH 31135 SUMMARY

| Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample ID | Date Sampled | Date Extracted | Date Analyzed |
|--------------|-------------------|----------------|------------------|--------------|-------------------|----------------|------------------|
| 0710203-009A | 10/04/07 12:30 PM | 10/07/07 | 10/07/07 2:19 PM | 0710203-010A | 10/04/07 11:12 AM | 10/07/07 | 10/07/07 6:45 PM |
| 0710203-011A | 10/04/07 12:21 PM | 10/07/07 | 10/07/07 7:15 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.



QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0710203

| EPA Method SW8015C | | Extraction SW3510C | | | BatchID: 31123 | | | 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 | 104 | 105 | 1.50 | N/A | N/A | 70 - 130 | 30 |
| %SS: | N/A | 2500 | N/A | N/A | N/A | 90 | 89 | 0.519 | 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 31123 SUMMARY

| Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample ID | Date Sampled | Date Extracted | Date Analyzed |
|--------------|-------------------|----------------|------------------|--------------|-------------------|----------------|------------------|
| 0710203-001B | 10/04/07 1:24 PM | 10/04/07 | 10/08/07 1:42 PM | 0710203-002B | 10/04/07 1:30 PM | 10/04/07 | 10/08/07 2:51 PM |
| 0710203-003B | 10/04/07 12:48 PM | 10/04/07 | 10/08/07 3:59 PM | 0710203-004B | 10/04/07 12:39 PM | 10/04/07 | 10/10/07 7:26 PM |
| 0710203-005B | 10/04/07 9:48 AM | 10/04/07 | 10/10/07 8:36 PM | 0710203-006B | 10/04/07 9:40 AM | 10/04/07 | 10/08/07 1:42 PM |
| 0710203-007B | 10/04/07 9:55 AM | 10/04/07 | 10/08/07 2:51 PM | 0710203-008B | 10/04/07 1:40 PM | 10/04/07 | 10/08/07 3:59 PM |
| 0710203-009B | 10/04/07 12:30 PM | 10/04/07 | 10/08/07 5:08 PM | 0710203-010B | 10/04/07 11:12 AM | 10/04/07 | 10/09/07 5:40 AM |
| 0710203-011B | 10/04/07 12:21 PM | 10/04/07 | 10/09/07 6:48 AM | | | | |

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

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

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

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

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