April 28, 2006

DEEPER AQUIFER
SOIL & GROUNDWATER
INVESTIGATION REPORT

807 - 75th Avenue
Oakland, California

Project No. 115483
Fuel leak Case No. RO000508

Prepared For

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TABLE OF CONTENTS

FIGURES

TABLES

APPENDICES

1.0 INTRODUCTION

AEI Consultants (AEI) has prepared this Deeper Zone Soil and Groundwater Investigation Report on behalf of Allen Kanady, Omega Termite Control, Inc. (Omega) for the facility located at 807 75th Avenue in the City of Oakland, Alameda County, California. AEI has been retained by Omega to provide environmental engineering and consulting services for the subject property. A release of petroleum products occurred at the property, from previously removed underground storage tanks (USTs), which has impacted soil and groundwater of the site.

This investigation was performed to characterize the extent of petroleum hydrocarbons released from the former USTs, which were removed from the subject property in August 1995 and June 2000. This investigation was requested by Jerry Wickham, Hazardous Materials Specialist with Alameda County Environmental Health (ACEH) in a September 25, 2005 letter to Mr. Kanady of Omega. The AEI workplan was approved in a letter from the ACEH to Mr. Kanady dated January 5, 2006. The environmental activities performed at the site and outlined in the below report include:

- Evaluating preferential pathways and ½ mile radius well survey;
- Installing one 2-inch diameter groundwater monitoring well to a depth of 14 feet bgs at a location north of MW-2;
- Installing four 2-inch diameter groundwater monitoring wells (30 feet bgs) at locations twinning existing wells MW-1 through MW-3 and backfill well TW-5.
- developing, surveying, and sampling the monitoring wells;
- disposal of all soil cuttings and groundwater generated during monitoring well installation and sampling; and
- submitting a report detailing the findings of the investigation at the subject site.

2.0 SITE DESCRIPTION AND HISTORY

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.

On September 15, 1996, AEI removed three gasoline underground storage tanks (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 in Figure 2 (Site Plan). A total of five soil samples (Figure 3, Table 2) and one groundwater sample 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 MTBE were detected up to 4,300 mg/kg, 13 mg/kg, and 25 mg/kg, respectively in soil samples. The excavation was not backfilled. Soil removed from the excavation was stockpiled on the northern portion of the property. In 1999 soil samples collected from the stockpiled soil contained non-detectable to minor concentrations of

TPH as gasoline. Mr. Barney Chan of the ACEH approved the stockpiled soil for reuse in the excavation.

In October 1997, soil and groundwater samples were collected from six soil borings (BH-1 through BH-6). In June 1999, four groundwater monitoring wells (MW-1 through MW-4) were also installed by AEI (Figure 3, Tables 2& 3).

Under the direction of ACEH, additional soil was removed from the excavation in March 2000. The excavation was extended to 29 by 48 feet in size and 8 feet deep at the east end of the excavation and 11.5 at the west end. During 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). A total of six additional soil samples were collected from the sidewalls and bottom of the excavation (Figure 3, Table 2).

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. At the time the excavation was backfilled, a 4-inch PVC casing was installed in the backfill, TW-5. The newly excavated soil was stockpiled on the northern portion of the property. A total of 7,400 gallons of hydrocarbon impacted groundwater was pumped from the excavation, treated on-site, and discharged under EBMUD permit to the sanitary sewer system.

On October 9 and 10, 2003, eight soil borings (SB-7 through SB-14) were advanced on the site and adjacent properties. Borings SB-7 through SB-13 were advanced to depths ranging from 15 to 20 feet bgs to evaluate the lateral extent of soil and groundwater contamination in the first groundwater encountered (Shallow Zone) at the site. Boring SB-14 was advanced to a depth of 30 feet bgs to determine if the hydrocarbon release had impacted the second aquifer at the site. Borings SB-7, SB-9, SB-1, SB-11 SB-12, and SB-13 essentially defined the horizontal extent of the hydrocarbon plume in the groundwater to the west, south and east. Soil boring SB-14 encountered a thin clayey sand at a depth of 20 feet bgs (Intermediate Zone) with hydrocarbon odor, but which gave up no water into the push probe boring. Permeable gravel (Deeper Zone) was encountered at a depth of approximately 29 feet bgs. The groundwater sample from this interval contained 2,300 micrograms per liter (µg/L) TPH-g, and 72,000 µg/L total petroleum hydrocarbons as diesel (TPH-d), indicating that the Deeper Zone had been impacted significantly by hydrocarbons. The average hydrostatic head in the Shallow Zone was 5.26 above mean sea level (msl) on October 13, 2006, while the apparent hydrostatic head in the Deeper Zone was approximately 15 feet lower at 20.5 feet bgs or approximately 9.5 feet below msl. The report summarizing this site investigation was submitted to Amir Gholami, ACEH on November 18, 2003 and re-submitted to Jerry Wickham, ACEHS on September 23, 2005.

The locations of boreholes and monitoring wells are shown on Figure 2. The construction details of onsite wells are present in Table 1. Historical soil and groundwater sample analytical data is presented in Tables 2 and 4. Historical water table elevation data is presented in, Tables 5.

3.0 GEOLOGY AND HYDROLOGY

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

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

The surface clay is underlain by variable and somewhat discontinuous silty sand and clayey silt, which make up the Shallow Zone. The Shallow Zone extends from the base of the surface clay to depths ranging from 18 to 21 feet bgs. This zone has low to medium permeability. Groundwater is typically seen in the first permeable silt or sand encountered during drilling of this interval. Once encountered, groundwater level typically stabilizes at a depth of 5 feet bgs or less, indicating the zone is at least a semi-confined aquifer. Water is sometimes not seen while drilling through the some of the lower permeability portions of this unit, wells installed in these zones produce water

The shallow zone is underlain by several feet of moderately dry light olive brown to yellowish brown clay except in MW-7, which was drilled through the former tank hold. In MW-7, obviously contaminated and reduced dark greenish gray clay was encountered

At depths ranging from 18 ft (MW-9) to 21 feet (MW-8) bgs a 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 lower permeable 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.

Figure 4 shows the locations of the two stratigraphic cross sections (Cross Section A-A', Figure 5 and Cross Section B-B', Figure 6), which show the current interpretation of the subsurface stratigraphy.

Historically, groundwater elevations in the groundwater monitoring wells MW-1 through MW-4 (shallow zone) have ranged from 5.07 feet (MW-1 7/30/99) below ground surface (bgs) to 8.08 (MW-1 2/32/01). Water levels measurements indicate a highly variable flow direction. Shallow zone historical flow directions and gradients are summarized in Table 5 and 5a.

On March 13, 2006, the average groundwater elevation in wells MW-1 through MW-6 (Shallow Zone) was 6.96 above msl. The shallow zone flow direction was to the northeast with a gradient of 0.0004 ft/ft.

On March 13, 2006, the average groundwater elevation in wells MW-7 through MW-10 (Deeper Zone) was 7.23 above msl, slightly higher (0.28 feet) than the average groundwater elevation in shallow zone wells. The Deeper Zone flow direction was to the south with a gradient of 0.036 ft/ft.

The nearest surface water body is Arroyo Creek, which is located on the northern property boundary, approximately 75 feet north of well MW-6.

4.0 MONITORING WELL INSTALLATION

One 2-inch diameter shallow zone well (MW-6) and four 2-inch diameter Deeper Zone wells (MW- 7 thru MW-10) were installed on the site. Prior to initiating drilling activities, well construction permits (permit numbers W2006-0091 through W2006-0095) were obtained from the Alameda County Public Works Agency (ACPWA). A copy of the drilling permit is attached in Appendix A. Following permit approval, drilling activities were scheduled and Underground Utility Services (USA North) was notified to locate possible underground utilities in the area.

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. Well MW-7, which was located near boring SB-14 that had contained LNAPL in sandy gravel, was originally planned to have been completed as a 4-inch diameter well to allow its use as an extraction well. However, field examination of the lower zone sediments in MW-7 found no gravel and no evidence of LNAPL. The decision was made not to over drill the boring to 10 ½-inches and the MW-7 was installed as a 2-inch diameter monitoring well.

The boreholes were advanced to a total depths ranging from 14 to 33 bgs. The borings were continuously sampled through zones of interest using a California modified split spoon sampler advanced ahead of the auger bit. Soil samples were described by AEI personnel and logged using the Unified Soil Classification System and screened in the field using a photo ionization detector (PID)

Soil samples from MW-6 were collected essentially continuously (4.5 feet of each 5 feet drilled) from 5 feet bgs to the boring total depth (TD) 14 feet bgs. Soil samples from MW-7, which was drilled through the backfilled tank excavation, were collected essentially continuously from 17 feet

bgs to the boring TD of 33 feet bgs. Soil samples from wells MW-8 through MW-10 were sampled at depths of 5 feet and 10 feet bgs and essentially continuously from 15 feet bgs to the boring TD of 30 to 31 feet bgs. Field observations, sampling intervals and screening data is presented on the borings logs in Appendix B.

Sampling equipment, including sampling barrels and other equipment, were decontaminated between samples using a triple rinse system containing Alconox™ or similar detergent. Rinse water was contained in sealed, labeled DOT approved 55-gallon drums in a secure location on-site pending proper disposal.

Selected soil samples were retained for possible laboratory analysis, were sealed with Teflon tape, plastic caps, and labeled with a unique identifier. The samples were then placed in a cooler filled with water ice, and transported under appropriate chain-of-custody documentation for analysis to McCampbell Analytical Inc., (DOHS Certification Number 1644) of Pacheco, California. Select soil samples were analyzed for TPHg by EPA method 8015 Modified, benzene, toluene, ethylbenzene, and xylenes (collectively referred to as BTEX), and MTBE by EPA method 8021B.

Following sampling activities, each borehole was converted into a monitoring well using 2-inch diameter schedule 40 PVC casing. Factory slotted 0.010-inch casing was selected to match the fine grain sizes (silt – clayey sand – fine sand) encountered in the lower zone.

The screen intervals, which were based on observed field conditions during drilling, were as follows:

- MW-6 Total Depth 14 feet, screened interval 4.0 – 14.0 feet
- MW-7 Total Depth 33 feet, screened interval 26.0 – 33.0 feet
- MW-8 Total Depth 33 feet, screened interval 26.0 – 31.0 feet
- MW-9 Total Depth 30 feet, screened interval 25.0 – 30.0 feet
- MW-10 Total depth 30 feet, screened interval 25.0 – 30.0 feet

An annular sand pack (consisting of clean #2/12 Monterey Sand) was installed through the augers to approximately 1 foot above the screened interval. Two feet of bentonite pellets were placed above the sand pack in all wells except MW-6, which has a one foot layer of pellets. The bentonite was hydrated with 5 gallons of clean tap water and the remainder of each boring was sealed with neat cement grout. A flush mounted traffic rated well box was installed over the casing, and an expanding, locking inner cap was placed on the casing top. The drilling and well installation work was performed under the ACPWA permit. DWR well registration forms (DWR Form 188) have been completed for each of the wells and were forwarded to the DWR. The construction details for wells MW-6 through MW-10 are included on Table 1 (Well Construction Details).

Cuttings generated during the drilling and well installation activities were stored on-site in 55-gallon drums, pending characterization and disposal.

5.0 WELL DEVELOPMENT AND SAMPLING

The newly installed monitoring wells were developed by surging, bailing, and purging the wells to remove accumulated fines from the casing and stabilize the sand pack on February 20, 2006. Each well was purged until the purge water was clear or until approximately ten well volumes had been purged.

On March 13, 2006, AEI measured the depth to groundwater in the existing and newly installed monitoring wells. The well caps were removed from each well and the wells were allowed to equilibrate with atmospheric pressure. The depth to groundwater was measured with an electric water level indicator, and each well was checked for free product using a bailer. On April 26, 2006 depth to water in all wells except MW-4 and MW-7 were re-measured for comparison.

A minimum of three well volumes was purged from wells MW-1 through MW-10 using a submersible pump. 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 noted. Groundwater parameters measured in the field are reported on the field sampling forms included in Appendix C.

After recovery of water levels to at least 90% of the original level, water samples were collected from each well. Samples were collected using new, unused disposable plastic bailers. Samples were placed into 40 ml volatile organic analysis vials (VOAs) and 1-liter amber bottles. The VOAs were capped with zero headspace.

All samples were labeled with, at minimum, the project number, sample number, time, date, and sampler's name. The samples were then entered on an appropriate chain-of-custody form and placed on water ice in a pre-chilled cooler pending transportation to the laboratory. Samples were transported the same day collected on ice under proper chain of custody protocol to McCampbell Analytical, Inc. of Pacheco, California (Department of Health Services Certification #1644).

Groundwater samples from ten (10) wells (MW-1 thru MW-4, TW-5 and MW-6 thru MW-10) were submitted for chemical analysis. These samples were analyzed for TPH as diesel (TPHd), TPHg, MTBE, and BTEX by method SW 8021B/8015Cm.

6.0 FIELD RESULTS

A hydrocarbon odor was detected in wells MW-1 through MW-9 and a hydrocarbon odor and sheen were noted in well MW-9. Shallow zone groundwater levels on March 13, 2006 ranged from 6.66 feet (MW-6) to 7.03 feet (MW-4) above mean sea level (amsl). These elevations are an average of 0.10 feet higher than at the time of the previous quarterly monitoring event. The groundwater gradient was 0.0004 ft/ft to the northwest. The depth to water in wells MW-1 thru MW-3, TW-5 and wells MW-7 thru MW-10 were gauged on April 26, 2006. Shallow zone groundwater levels measured on April 26, 2006 ranged from 6.46 feet (MW-6) to 6.59 feet (MW-

3) above mean sea level (amsl). These elevations are an average of 0.38 feet lower than on March 13, 2006. The groundwater gradient increased slightly to 0.0023 ft/ft to the northwest.

Deeper Zone groundwater levels on March 13, 2006 ranged from 6.90 feet (MW-9) to 7.80 feet (MW-7) amsl. The Deeper Zone groundwater gradient on March 13, 2006 was 0.036 ft/ft to the south. Deeper zone groundwater levels measured on April 26, 2006 ranged from 6.48 feet (MW-10) to 7.98 feet (MW-7) amsl. The Deeper Zone groundwater gradient was 0.063 ft/ft to the south.

Historically the gradient directions have been highly variable and have been toward all quadrants of the compass. Contaminant concentrations in well MW-2, located to the north of the former UST hold, have shown slow but consistent increases. This suggests that the net groundwater movement in the shallow aquifer is northward toward the creek channel, which runs along the northern border of the site.

On March 13, 2006, the groundwater conductivity in the Deeper Zone ranged from 1355 microsiemens/centimeter (mS/cm) (MW-9) to 1818 (MW-8) mS/cm with an average of 1598 mS/cm. The groundwater conductivity in the Shallow Zone ranged from 569 mS/cm (MW-1) to 1352 (MW-4) mS/cm. Conductivity in wells TW-5 and MW-6, with total depths of 14 feet or less and are completed only in the Shallow Zone have conductivities of 625 mS/cm and 728 mS/cm, significantly lower than the conductivity of Deeper Zone wells.

Groundwater elevation data are summarized in Table 2. The groundwater elevation contours and the groundwater flow direction for the Shallow and Deeper Zones are shown in Figures 7 and 8. Refer to Appendix C for the Groundwater Monitoring Well Field Sampling Forms.

7.0 SAMPLE ANALYTICAL RESULTS

7.1 Soil Analytical Results

One or more soil samples were analyzed from each of the borings. The following soil samples were analyzed for TPH-g, TPH-d, TPH-mo, MTBE and BTEX. Petroleum hydrocarbons were detected in the soil as follows:

- MW6-10.5 TPH-d was reported at a concentration of 1.1 mg/kg, all other analytes were reported as ND at standard reporting limits.

- MW7-21.5 TPH-g, TPH-d, ethylbenzene and xylenes were reported at concentrations of 530 mg/kg, 1,500 mg/kg, 0.23 mg/kg, and 0.71 mg/kg, respectively. TPH-mo, MTBE, benzene, and toluene were reported as ND at reporting limits of 50 mg/kg, 2.0 mg/kg, 0.2 mg/kg, and 0.2 mg/kg, respectively.

- MW7-31 TPH-g, TPH-d, toluene, ethylbenzene, and xylenes were reported at concentrations of 4.0 mg/kg, 6.4 mg/kg, 0.0091 mg/kg, 0.0092 mg/kg and 0.0083 mg/kg,

respectively. TPH-mo, MTBE, and benzene were reported as ND at reporting limits of 5.0 mg/kg, 0.05 mg/kg, and 0.005 mg/kg, respectively.

- MW7-32 TPH-g, TPH-d, and BTEX were reported at concentrations of 15 mg/kg, 73mg/kg, 0.006 mg/kg, 0.026 mg/kg, 0.018 mg/kg and 0.023 mg/kg, respectively. TPH-mo and MTBE were reported as ND at reporting limits of 5.0 mg/kg, and 0.05 mg/kg, respectively.

- MW8-27 All analytes were reported as ND at standard reporting limits.

- MW9-29 All analytes were reported as ND at standard reporting limits.

- MW10-25 TPH-g, TPH-d, ethylbenzene and xylenes were reported at concentrations of 69 mg/kg, 290 mg/kg, 0.046 mg/kg, and 0.12 mg/kg, respectively. TPH-mo, MTBE, benzene, and toluene were reported as ND at reporting limits of 5.0 mg/kg, 0.05 mg/kg, 0.005 mg/kg, and 0.005 mg/kg, respectively.

7.2 Groundwater Analytical Results

7.2.1 Shallow Zone Wells

TPH-g and benzene concentrations in monitoring well MW-1 increased from 240 µg/L to 840 µg/L and from 93 µg/L to 330 µg/L, respectively. Toluene, ethylbenzene and xylenes also increased to detectable concentrations. The TPH-d concentration in MW-1 decreased to 260 µg/L from 270 µg/L, while TPH-mo remained at ND<250 µg/L. MTBE was reported at ND<5.0 by method 8021B. Analysis by method 8260B reported MTBE, TBA and 1,2 DCA at concentrations of 0.89 µg/L, 6.1 µg/L, and 3.6 µg/L, respectively.

The TPH-g and TPH-mo concentrations in well MW-2 remained the same at 3,400 µg/L and ND<250 µg/L, while TPH-d decreased from 1,700 µg/L to 1,200 µg/L. The benzene concentration increased from 18 µg/L to 20 µg/L, while toluene, ethylbenzene and xylenes concentrations decreased slightly. MTBE was reported by method 8260B at a concentration of 0.76 µg/L.

TPH-g and TPH-d concentrations in monitoring well MW-3 increased from 740 µg/L to 1,300 µg/L and from 260 µg/L to 380 µg/L, respectively, while TPH-mo remained at ND<250 µg/L. Benzene decreased slightly, toluene remained the same, while ethylbenzene and xylenes increased. MTBE was reported at ND<17 by method 8021B and at a concentration 1.1 µg/L by method 8260B.

TPH-g, BTEX, and MTBE by methods 8021 and 8260 were reported ND at standard reporting limits, in well TW-5. TPH-d and TPH-mo decreased from 680 µg/L to 180 µg/L and from 550 µg/L to 260 µg/L, respectively.

TPH-g, TPH-d and TPH-mo were reported in well MW-6 at concentrations of 87 µg/L, 160 µg/L, and 310 µg/L, respectively. Toluene, ethylbenzene and xylenes were reported in MW-6 at concentrations of 0.83 µg/L, 1.2 µg/L, and 0.8 µg/L, respectively. MTBE was reported at as ND by both method 8021 and 8260.

7.2.2 Deeper Zone wells

TPH-g, TPH-d and TPH-mo were reported in well MW-7 at concentrations of 460 µg/L, 3,500 µg/L, and 360 µg/L, respectively. BTEX was reported in MW-7 at concentrations of 2.5 µg/L, 1.0 µg/L, ND<0.5 µg/L, and 3.3 µg/L, respectively. MTBE was reported at as ND<5.0 and ND<0.5 by methods 8021 and 8260, respectively.

TPH-g, TPH-d and TPH-mo were reported in well MW-8 at concentrations of 280 µg/L, 130 µg/L, and ND<250 µg/L, respectively. BTEX was reported in MW-8 at concentrations of ND<0.5 µg/L, 2.0 µg/L, ND<0.5 µg/L, and 1.3 µg/L, respectively. MTBE was reported at as ND<5.0 and ND<0.5 by methods 8021 and 8260, respectively.

TPH-g, TPH-d and TPH-mo were reported in well MW-9 at concentrations of 1,100 µg/L, 14,000 µg/L, and 4,100 µg/L, respectively. BTEX was reported in MW-9 at concentrations of 85 µg/L, 1.8 µg/L, 0.64 µg/L, and 100 µg/L, respectively. MTBE was reported at as ND<0.5 and 2.4 by methods 8021 and 8260, respectively. Although not seen during drilling operations, the laboratory reported LNAPL in the MW-9 water sample.

TPH-g, TPH-d and TPH-mo were reported in well MW-10 at concentrations of ND<50 µg/L, 220 µg/L, and ND<250 µg/L, respectively. BTEX was reported in MW-10 as ND<0.5 µg/L. MTBE was reported at as ND<0.5 and 2.7 µg/L by methods 8021 and 8260, respectively.

Laboratory results and chain of custody documents are included in Appendix D. The results of analyses on groundwater samples are summarized on Figure 11. Isopleth maps of TPH-g and TPH-d in the Shallow Zone are included as Figures 12 and 13. Isopleth maps of TPH-g and TPH-d in the Deeper Zone are included as Figures 14 and 15.

8.0 SITE/WELL SURVEY

On March 2, 2006, the well box and well casing elevations were surveyed by Morrow Surveying, West Sacramento, California; a California Registered Land Surveyor (LS No. LS 4650). Data from the survey was uploaded to the state GeoTracker database as required by Assembly Bill 592 and Senate Bill 1189. A copy of the well survey is included in Appendix E.

9.0 PREFERENTIAL PATHWAY AND WELL SURVEY

As part of current and past drilling operations AEI located sanitary sewer, storm drains, gas and water lines in the adjacent streets. A map showing the approximate locations of these lines is included in Appendix F, Preferential Pathway and Well Survey. The trenches for sanitary sewer,

storm drains and water mains, which may have trenches as deep as 10 feet bgs, do not appear to intersect the shallowest parts of the shallow zone. The area where the top of the shallow zone is above ten feet bgs is in the central portion of the site away from utility trenches. No deep utility trenched are located in this area.

AEI made copies of the State of California Department of Water Resources (DWR) well files at the DWR officesto locate potential vertical conduits in the area surrounding the subject site. Department of Water resources files contained records for 106 wells at 20 sites within a ½ mile radius of the subject site. The wells within ½ mile of the subject site are listed on the Well Survey Table and on Well survey plot located in Appendix F. The majority of these wells are shallow wells (less than 40 feet bgs), however deeper wells are located at Site # 1 – General Electric (71 feet bgs) located just under ½ to the northwest, site # 7 – the Oakland Coliseum (74 to 107 feet bgs) located approximately 1/3 mile to the west southwest, site # 8 – AeroQuality Plating/DHS (66.5 to 69.9 feet bgs) located approximately 800 feet to west southwest, and Site # 9 - American Brass & Foundry (510 feet bgs) located approximately ¼ mile to the south.

Arroyo Creek, which appears to intersect the upper portion of the shallow zone, should be considered a potential sensitive receptor. The residential areas to the north of the site can be considered sensitive receptors, however their cross gradient and up gradient location makes it unlikely that these areas could be impacted by the subject site.

10.0 SUMMARY

Soil and groundwater data from Shallow Zone indicate low levels of hydrocarbons are present as far north as well MW-6. Based on current and previously collected data, impact to the shallow zone is limited to the subject property. TPH-g is the predominant Shallow Zone contaminant.

High concentrations of Hydrocarbons are present in the Deeper Zone along a line between wells MW-10, previous boring SB-14, MW-7 and MW-9 where the Deeper Zone consists of sediments with good to moderate permeability. Hydrocarbons are present in significantly lower concentrations in the low permeability clay and siltstone penetrated in MW-8 to the north. Only TPH-g was present at detectable concentrations in well MW-10 to the south. TPH-d is the predominant contaminant in the Deeper Zone

Shallow Zone gradients typically from 0.001 to 0.006, although occasionally have been an order of magnitude higher or lower. It is assumed that the highly variable direction of the groundwater flow in the Shallow Zone is in part due to interaction with water levels in the immediately adjacent creek. However, no regular changes in direction are apparent that would seem to suggest fluctuations due to tides, annual fluctuations in rainfall and/or stream levels. The low gradient combined with measurement accuracy of +/- 0.01 ft could in some cases result in significant changes in apparent flow direction. Another source of the flow direction fluctuations may be the difficulty fitting all the Shallow Zone wells to a relatively simple surface. Typically data from at least one well is dropped to produce a simple surface. The highly variable lithology and

permeability with resultant variability in capillary fringe thickness can also be expected to produce a variable and complex groundwater surface.

Recent increases in contaminant concentrations in well MW-2 suggest a net flow of groundwater in the Shallow Zone to the north away from the former tank hold.

The groundwater gradient in the Deeper Zone appears anomalously steep for flat lying bay margin sediments. Monitoring wells MW-7 and MW-8 had elevation within a 0.01 to 0.02 feet range of each other. Well MW-9 and MW-10 have groundwater elevations over a foot lower that fall within a range of 0.10 to 0.13 feet of each other. Wells MW-7 and MW-8 are completed in relatively low permeability sediments while wells MW-9 and MW-10 are completed in relatively high permeability sediments. The groundwater elevation in the Deeper Zone in March and April, 2006 is 15 feet higher than was measured in boring SB-14 (October 10, 2003) towards the end of the 2003 dry season.

Groundwater parameters differ slightly between the Shallow zone and Deeper Zones which suggests the two zones are separate aquifers. Groundwater conductivity in deeper zone wells ranges from 1355 micro-siemens/centimeter (µS/cm) to 1818 µS/cm. Shallow well MW-6 and backfill well TW-5 have groundwater conductivities of 728 µS/cm and 625 µS/cm, respectively. Wells MW-1 thru MW-4, which may be completed in both the Shallow Zone and upper portion of the low permeability Intermediate Zone have conductivities that range from 565 µS/cm (MW-1) to 1352 µS/cm (MW-3). Groundwater temperatures in the deeper wells range from 18 to 19 degrees Celsius, while Shallow Zone wells range from 15 degrees Celsius (TW-5) to 17 degrees Celsius, except for MW-4 which has a temperature of over 18 degrees Celsius.

The variability of groundwater parameters in the wells MW-1 thru MW-4 which fall into the range of values seen in wells 14 feet or less (TW-5 and MW-6) and Deeper Zone wells suggest groundwater in these wells represents varying contributions of water from the Shallow and Intermediate Zones.

The distribution and lateral limits of hydrocarbons (primarily TPH-g) in the Shallow Zone appears to have been established to a reasonable extent by earlier soil borings and existing monitoring wells. However, current data indicates a significant amount of hydrocarbon contamination still remains in the clay underlying the former tank hold (MW-7). This contaminated soil continues to act as a continuing source for groundwater contamination. This hydrocarbon residual is the probable source for the increasing contaminant concentrations seen in well MW-2.

The lateral extent of hydrocarbons (primarily TPH-d) in the Deeper Zone have been established to the south (MW-10) and hydrocarbon concentrations in well MW-8 suggest significant hydrocarbon impact does not extent much farther to the north. However, LNAPL has been encountered in permeable sediments in both boring SB-14 and well MW-9 and the lateral extent of impacted groundwater contamination has not been established to the east of boring SB-14 and west of MW-9.

As shown on cross sections A-A' and B-B,' the lithology underlying the site is variable and moderately discontinuous. As a consequence the resulting variability in permeability/ transmissivity can be expected to render aggressive approaches to remediation such pump and treat, combined soil vapor extraction/air sparging difficult and with the attendant high capitol costs, not particularly cost effective. The currently available data suggests insitu chemical oxidation (ISCO) which involves injection of chemical oxidants such as permanganate, hydrogen peroxide, ozone or oxygen resulting in physical and molecular level diffusion of oxygen/oxidants through out the sediments may be more cost effective.

11.0 RECOMMENDATIONS

In light of the presence of LNAPL in the Deeper Zone, AEI recommends the following;

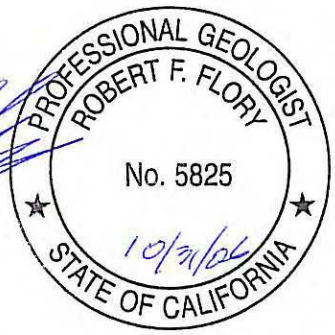
- Next groundwater monitoring event in June 2006 with analyses for TPH-g/d/mo, BTEX and fuel oxygenates
- Install two additional Deeper Zone wells, one at the property east of boring SB-14 and one at the property line west of well MW-9.
- Complete these wells with 4-inch diameter casing if the Deeper Zone is a permeable sand or gravel, or as 2-inch diameter casing if low permeability sediments such as clayey silt is encountered.
- Based on existing information, AEI recommends remediation by ozone sparging in both the Deeper and Shallow Zones. This approach is relatively low cost, both in capital and O&M, and can be expected to readily degrade residual TPH (TPH-g, TPH-d and TPH-mo) and residual VOCs. Based on AEI's experience closure levels may be obtained in 12 to 18 months from startup.

12.0 REPORT LIMITATIONS AND SIGNATURES

This report presents a summary of work completed by AEI, 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 environmental engineering and construction field that existed at the time and location of the work. AEI requests comment and concurrence with this plan. If you have any questions regarding this report, we can be reached at (925) 944-2899.

Sincerely,
AEI Consultants



Robert F. Flory, PG
Project Manager

Peter J. McIntyre, PG
Senior Project Manager

Report Distribution:

Mr. Allan Kanady
Omega Termite Control, Inc.
807 75th Avenue
Oakland, California

Alameda County Environmental Health Services (ACEHS)
Attn: Mr. Jerry Wickham
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

GeoTracker

As shown on cross sections A-A' and B-B,' the lithology underlying the site is variable and moderately discontinuous. As a consequence the resulting variability in permeability/ transmissivity can be expected to render aggressive approaches to remediation such pump and treat, combined soil vapor extraction/air sparging difficult and with the attendant high capitol costs, not particularly cost effective. The currently available data suggests insitu chemical oxidation (ISCO) which involves injection of chemical oxidants such as permanganate, hydrogen peroxide, ozone or oxygen resulting in physical and molecular level diffusion of oxygen/oxidants through out the sediments may be more cost effective.

11.0 RECOMMENDATIONS

In light of the presence of LNAPL in the Deeper Zone, AEI recommends the following;

- Next groundwater monitoring event in June 2006 with analyses for TPH-g/d/mo, BTEX and fuel oxygenates
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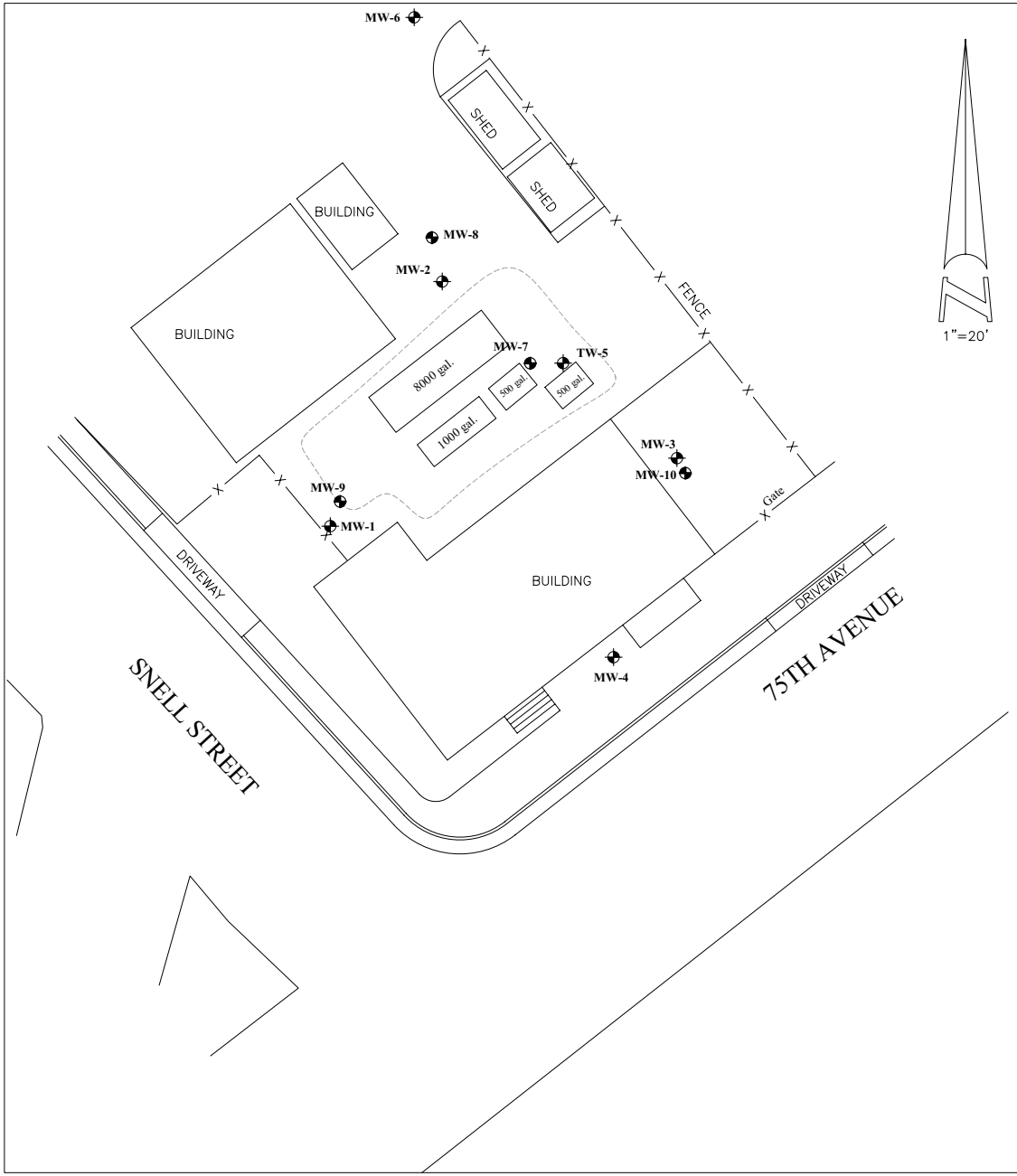
- Complete these wells with 4-inch diameter casing if the Deeper Zone is a permeable sand or gravel, or as 2-inch diameter casing if low permeability sediments such as clayey silt is encountered.
- Based on existing information, AEI recommends remediation by ozone sparging in both the Deeper and Shallow Zones. This approach is relatively low cost, both in capital and O&M, and can be expected to readily degrade residual TPH (TPH-g, TPH-d and TPH-mo) and residual VOCs. Based on AEI's experience closure levels may be obtained in 12 to 18 months from startup.

FIGURES

AEI CONSULTANTS 2500 CAMINO DIABLO, SUITE 200, WALNUT CREEK, CA	
SITE LOCATION MAP	
807 75th AVENUE OAKLAND, CALIFORNIA	**FIGURE 1** AEI PROJECT NO. 115483



1"=20'

LEGEND

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

0 10 20 40 60
SCALE IN FEET

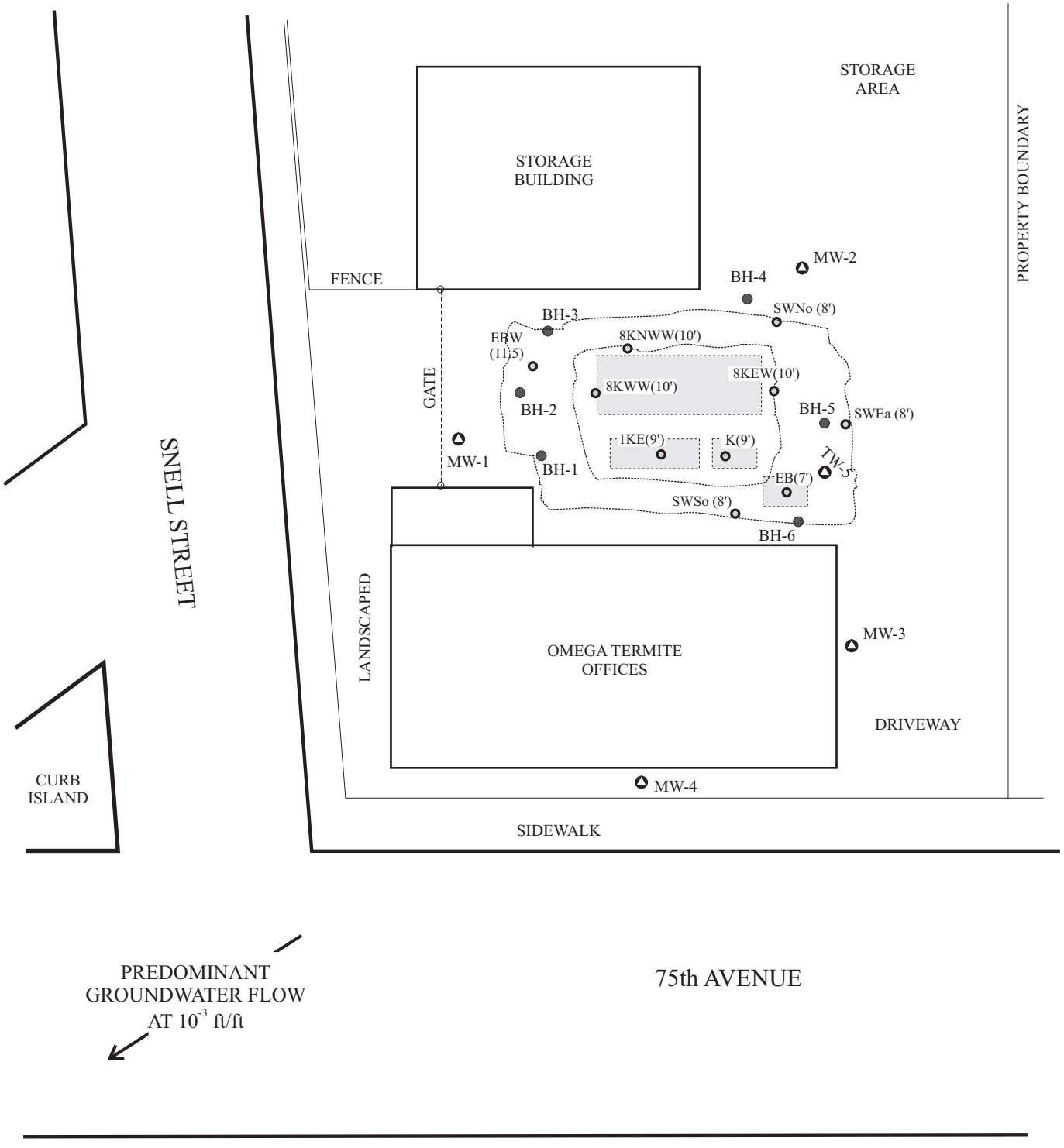
AEI CONSULTANTS

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

SITE PLAN

OMEGA TERMITE
807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 2
Project No. 115483



LEGEND

- PREVIOUS TEMPORARY BOREHOLES (1/31/97)
- EXCAVATION SOIL SAMPLE COLLECTION POINTS (9/15/96 & 3/20/00)
- EXISTING WELLS

N

SCALE: 1in = 20 ft

0' 10' 20'

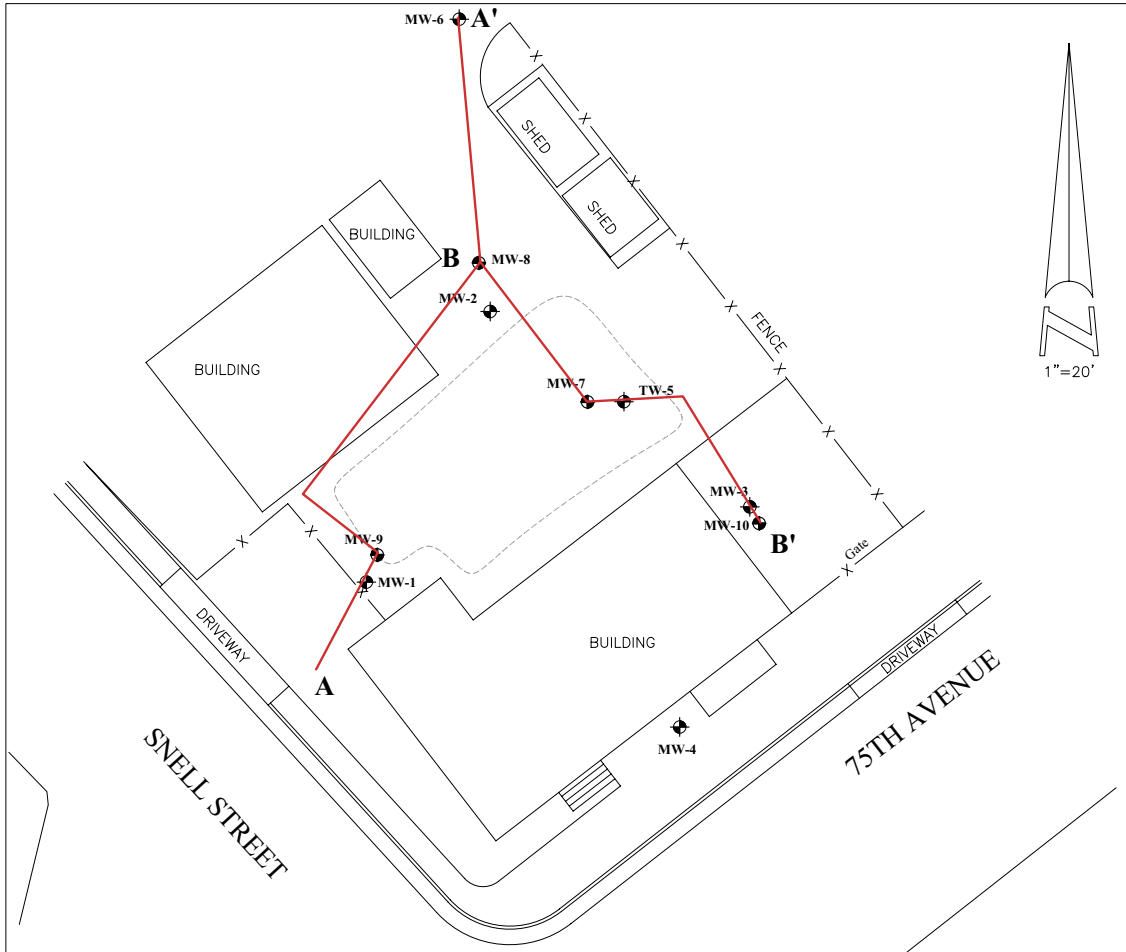
AEI CONSULTANTS

2500 CAMINO DIABLO, STE. 200, WALNUT CREEK, CA

TANK EXCAVATION
BORINGS AND SAMPLE LOCATIONS

807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 3
AEI PROJECT No. 6861



1"=20'

LEGEND

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

A — A' Section Lines

0 10 20 40 60
SCALE IN FEET

AEI CONSULTANTS

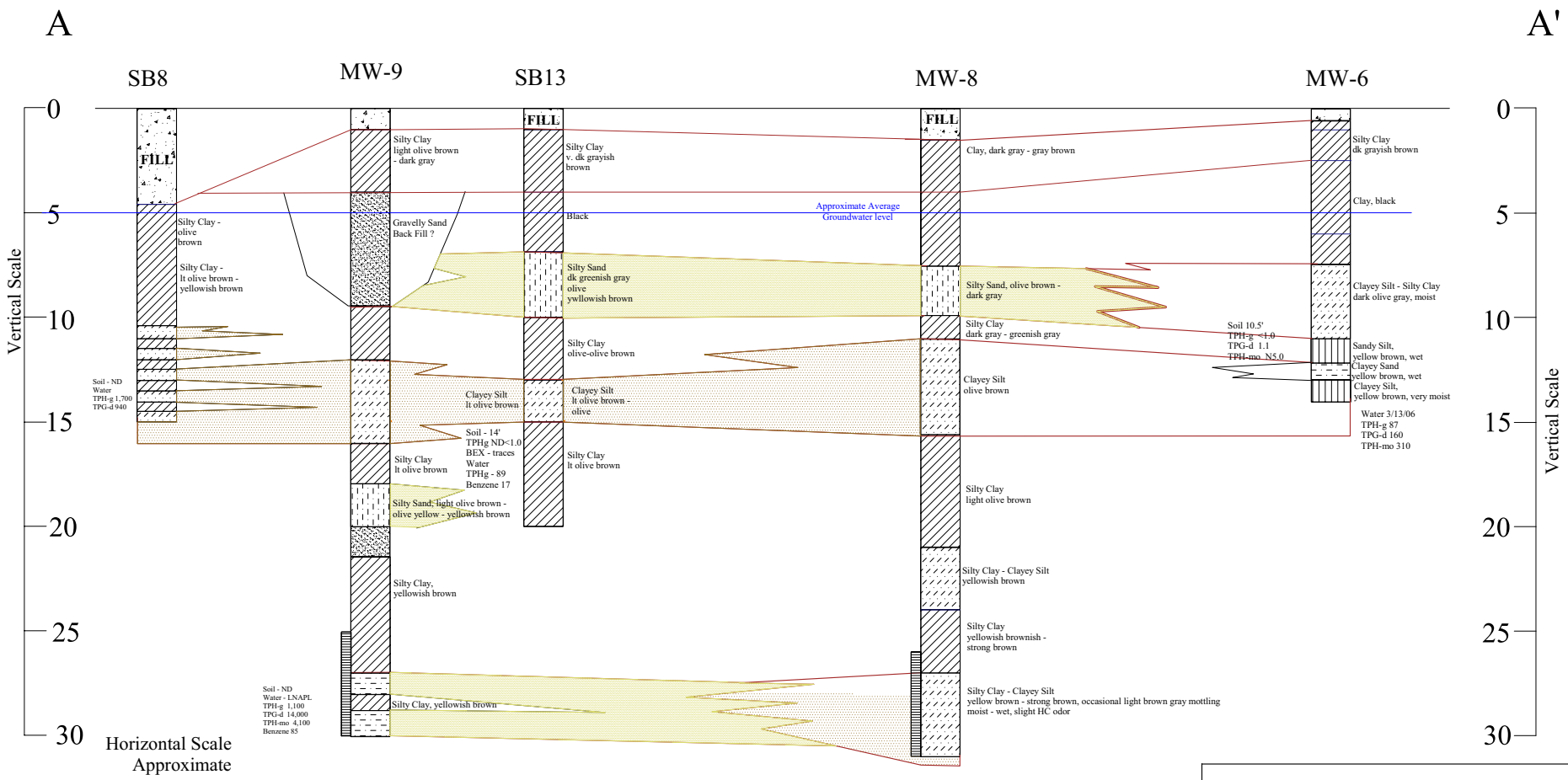
2500 CAMINO DIABLO, STE. 100, WALNUT CREEK, CA

Cross Section Lines

OMEGA TERMITE
807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 4

Project No. 115483



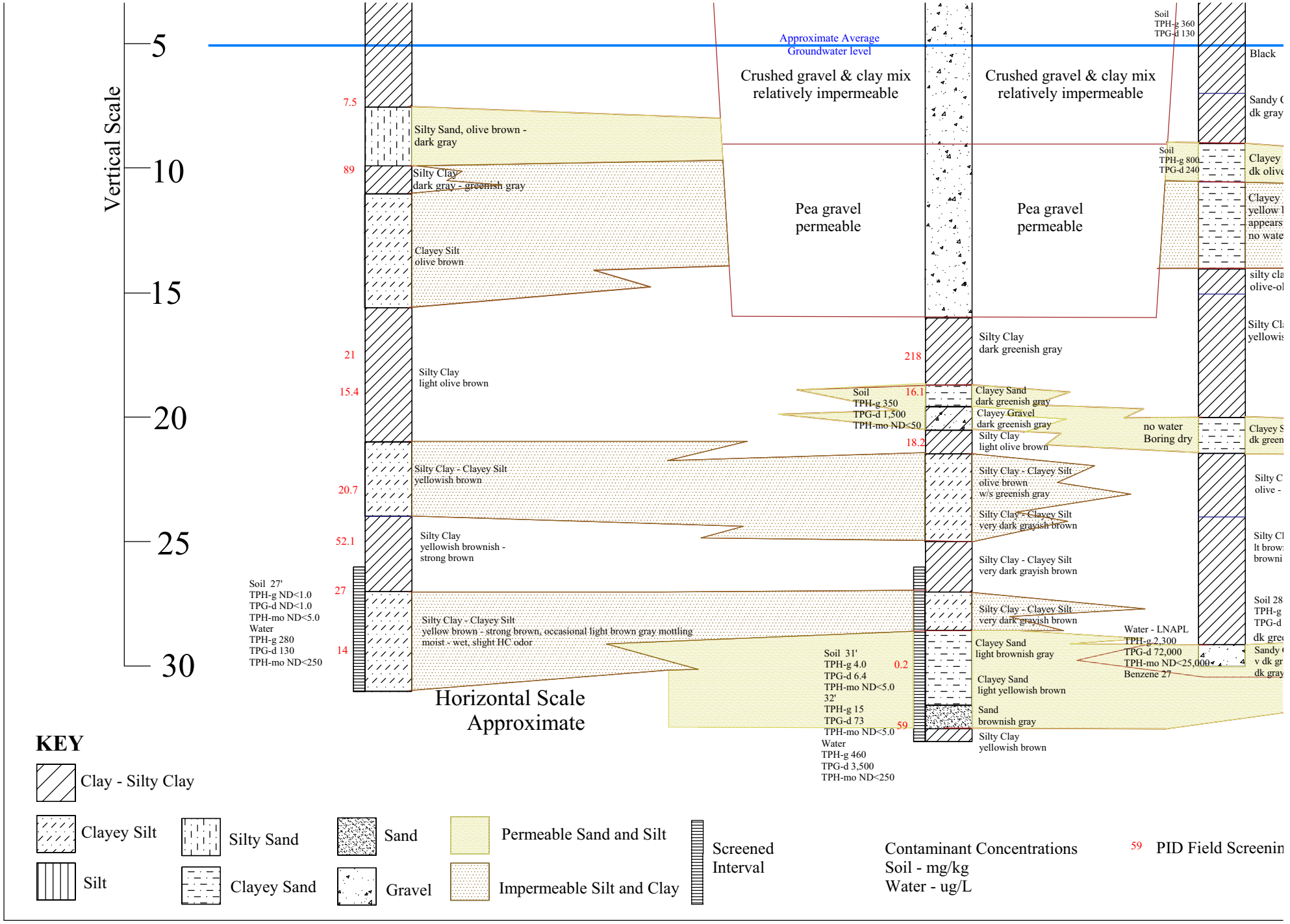
Drafted 4/4/06 by RFF

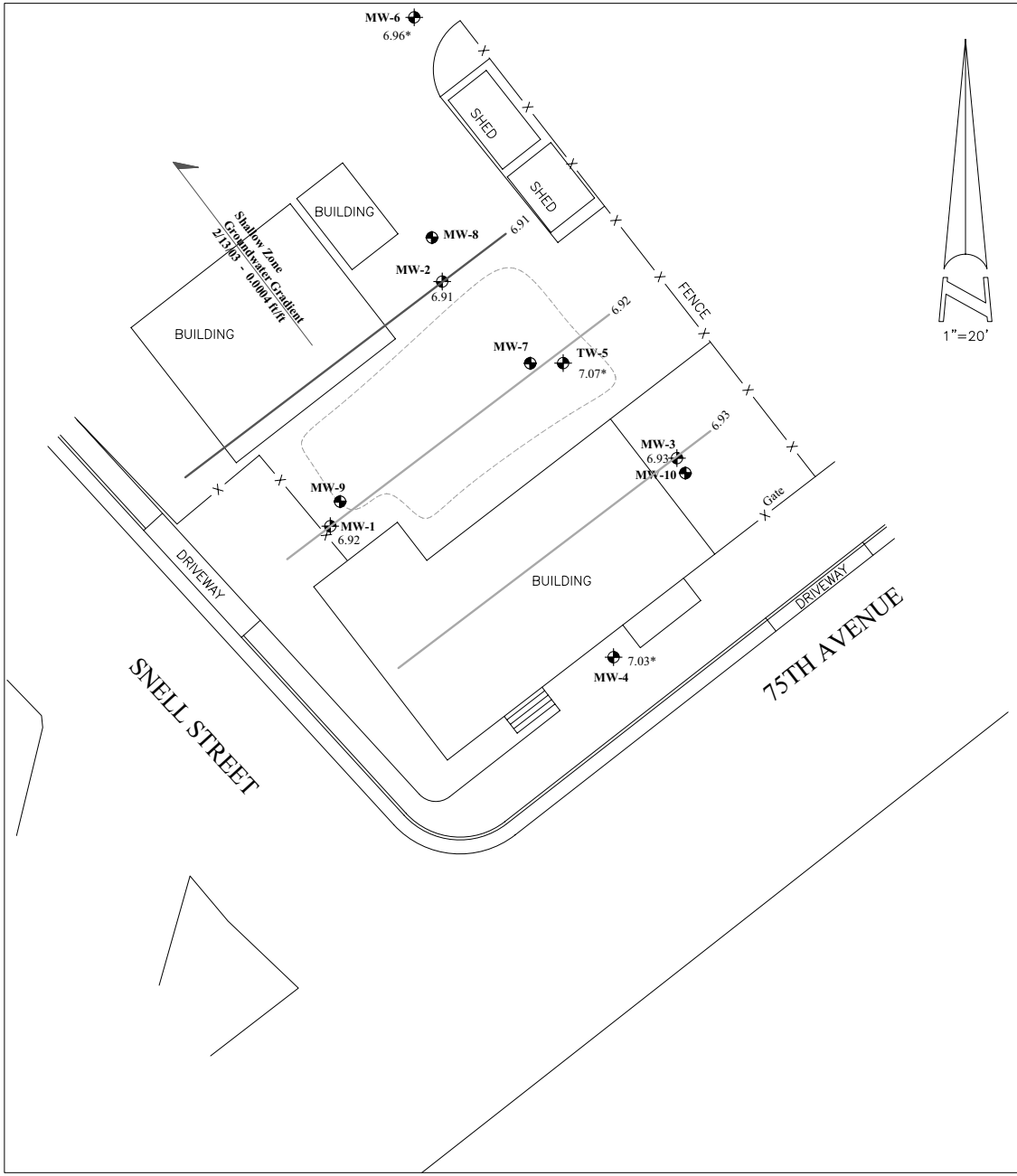
AEI CONSULTANTS
2500 CAMINO DIABLO, SUITE 100 WALNUT CREEK, CA

Cross Section A - A'

Omega Termite
807 75th Avenue
Oakland, California

FIGURE 5
Project No. 115483


Vertical Scale
5
10
15
20
25
30
Approximate Average Groundwater level
Crushed gravel & clay mix relatively impermeable
Crushed gravel & clay mix relatively impermeable
Pea gravel permeable
Pea gravel permeable
7.5
Silty Sand, olive brown - dark gray
89
Silty Clay dark gray - greenish gray
Clayey Silt olive brown
21
15.4
Silty Clay light olive brown
20.7
Silty Clay - Clayey Silt yellowish brown
52.1
Silty Clay yellowish brownish - strong brown
27
14
Silty Clay - Clayey Silt yellow brown - strong brown, occasional light brown gray mottling moist - wet, slight HC odor
Soil 27'
TPH-g ND<1.0
TPG-d ND<1.0
TPH-mo ND<5.0
Water
TPH-g 280
TPG-d 130
TPH-mo ND<250
Soil 31'
TPH-g 4.0
TPG-d 6.4
TPH-mo ND<5.0
32'
TPH-g 15
TPG-d 73
TPH-mo ND<5.0
Water
TPH-g 460
TPG-d 3,500
TPH-mo ND<250
0.2
59
218
Silty Clay dark greenish gray
16.1
Soil
TPH-g 350
TPG-d 1,500
TPH-mo ND<50
Clayey Sand dark greenish gray
Clayey Gravel dark greenish gray
Silty Clay light olive brown
18.2
Silty Clay - Clayey Silt olive brown w/s greenish gray
Silty Clay - Clayey Silt very dark grayish brown
Silty Clay - Clayey Silt very dark grayish brown
Silty Clay - Clayey Silt very dark grayish brown
Clayey Sand light brownish gray
Clayey Sand light yellowish brown
Sand brownish gray
Silty Clay yellowish brown
Soil
TPH-g 360
TPG-d 130
Black
Sandy C dk gray
Soil
TPH-g 800
TPG-d 240
Clayey dk olive
Clayey yellow l appears no wate
silty cla olive-ol
Silty Cl yellowis
no water
Boring dry
Clayey S dk green
Silty C olive -
Silty Cl lt brow browni
Soil 28
TPH-g
TPG-d
dk gree
Sandy v dk gr dk gray
Water - LNAPL
TPH-g 2,300
TPG-d 72,000
TPH-mo ND<25,000
Benzene 27
Horizontal Scale Approximate
KEY
Clay - Silty Clay
Clayey Silt
Silty Sand
Sand
Permeable Sand and Silt
Screened Interval
Silt
Clayey Sand
Gravel
Impermeable Silt and Clay
Contaminant Concentrations
Soil - mg/kg
Water - ug/L
59 PID Field Screenin



LEGEND

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

0 10 20 40 60
SCALE IN FEET

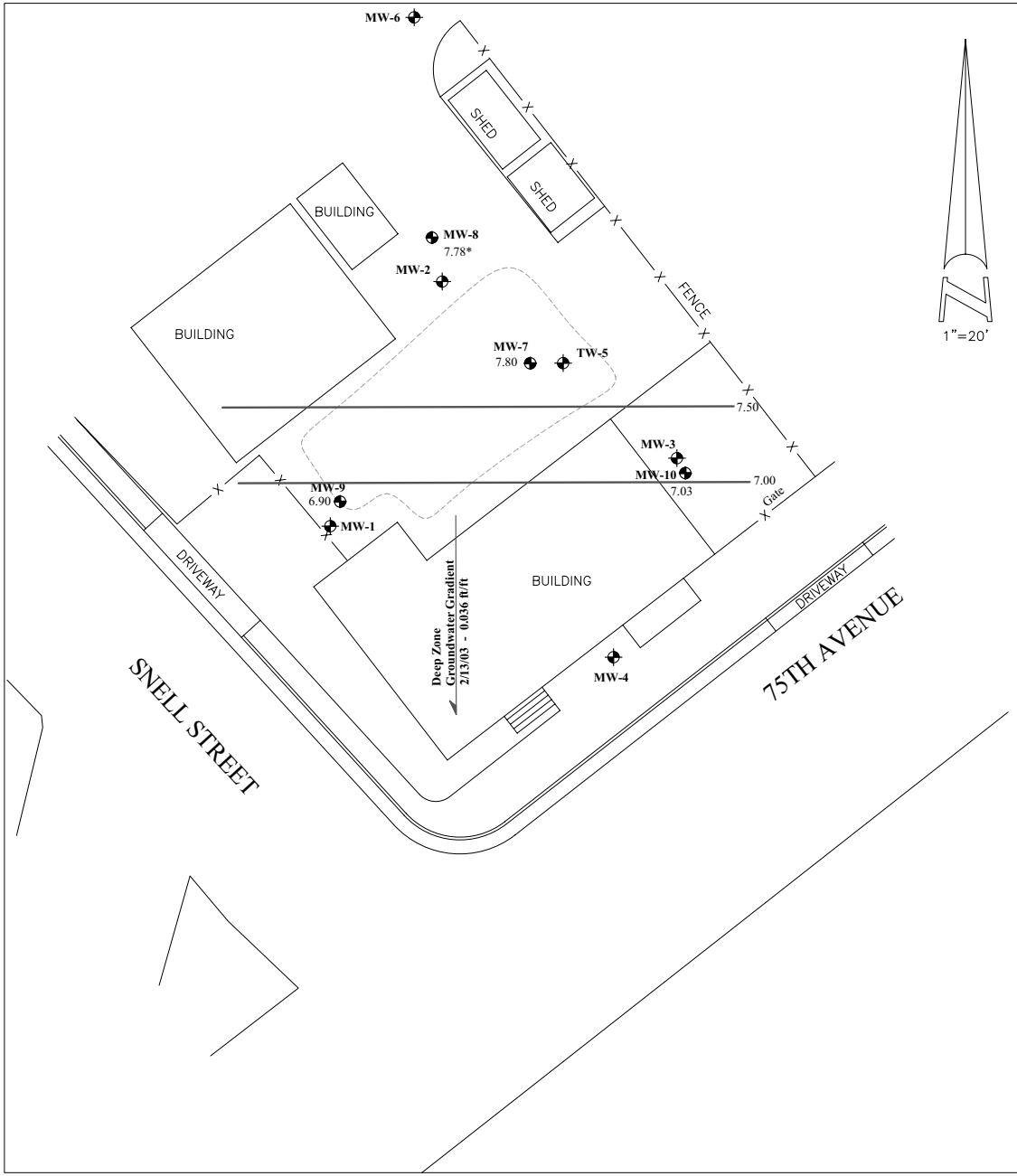
AEI CONSULTANTS

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

Groundwater Gradient - Shallow Zone (3/13/06)

OMEGA TERMITE
807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 7
Project No. 115483



1"=20'

LEGEND

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

7.03 Groundwater elevation used for contouring

7.78* Groundwater elevation not used for contouring

0 10 20 40 60
SCALE IN FEET

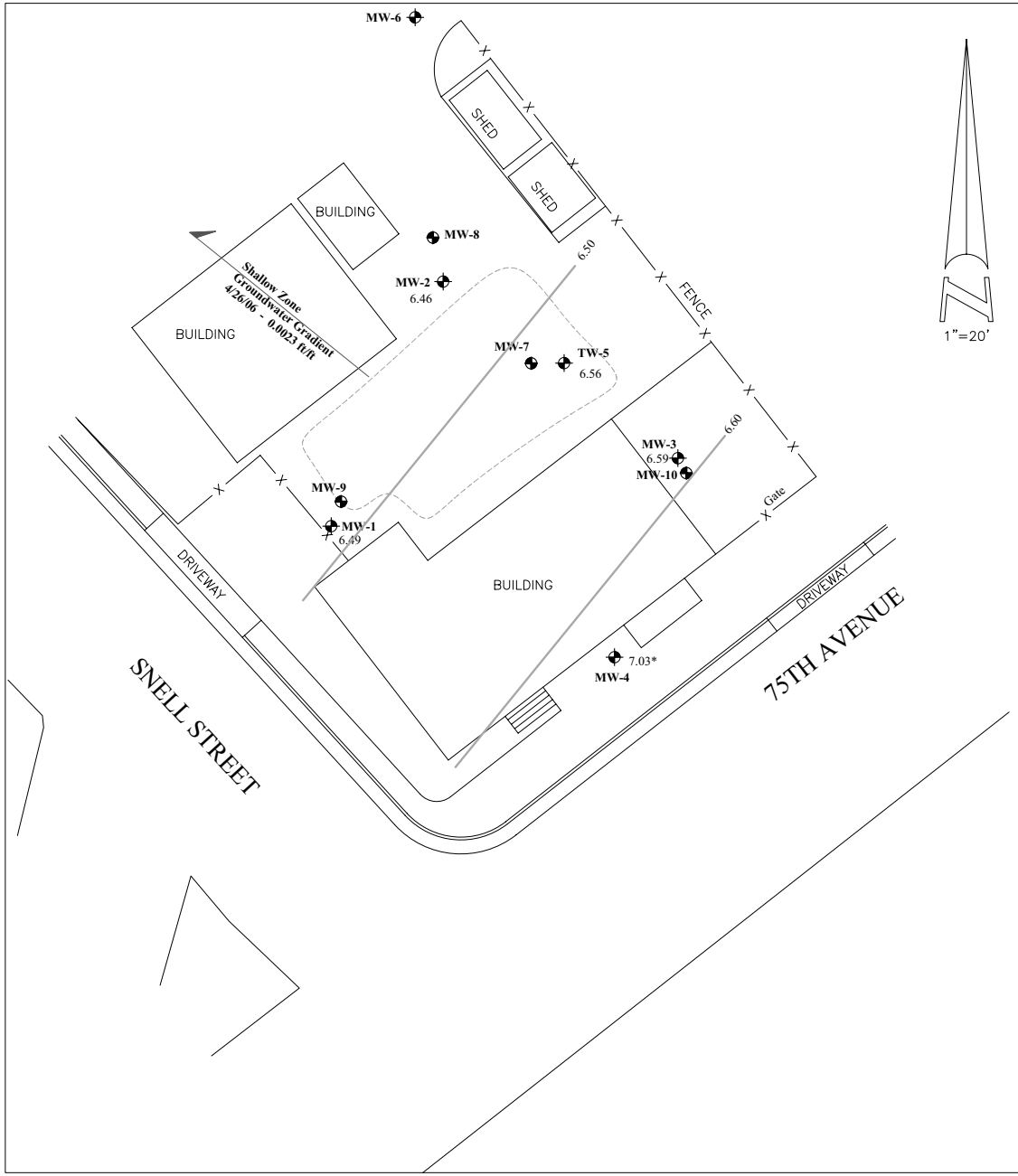
AEI CONSULTANTS

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

Groundwater Gradient - Deep Zone (3/13/06)

OMEGA TERMITE
807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 8
Project No. 115483



LEGEND

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

0 10 20 40 60
SCALE IN FEET

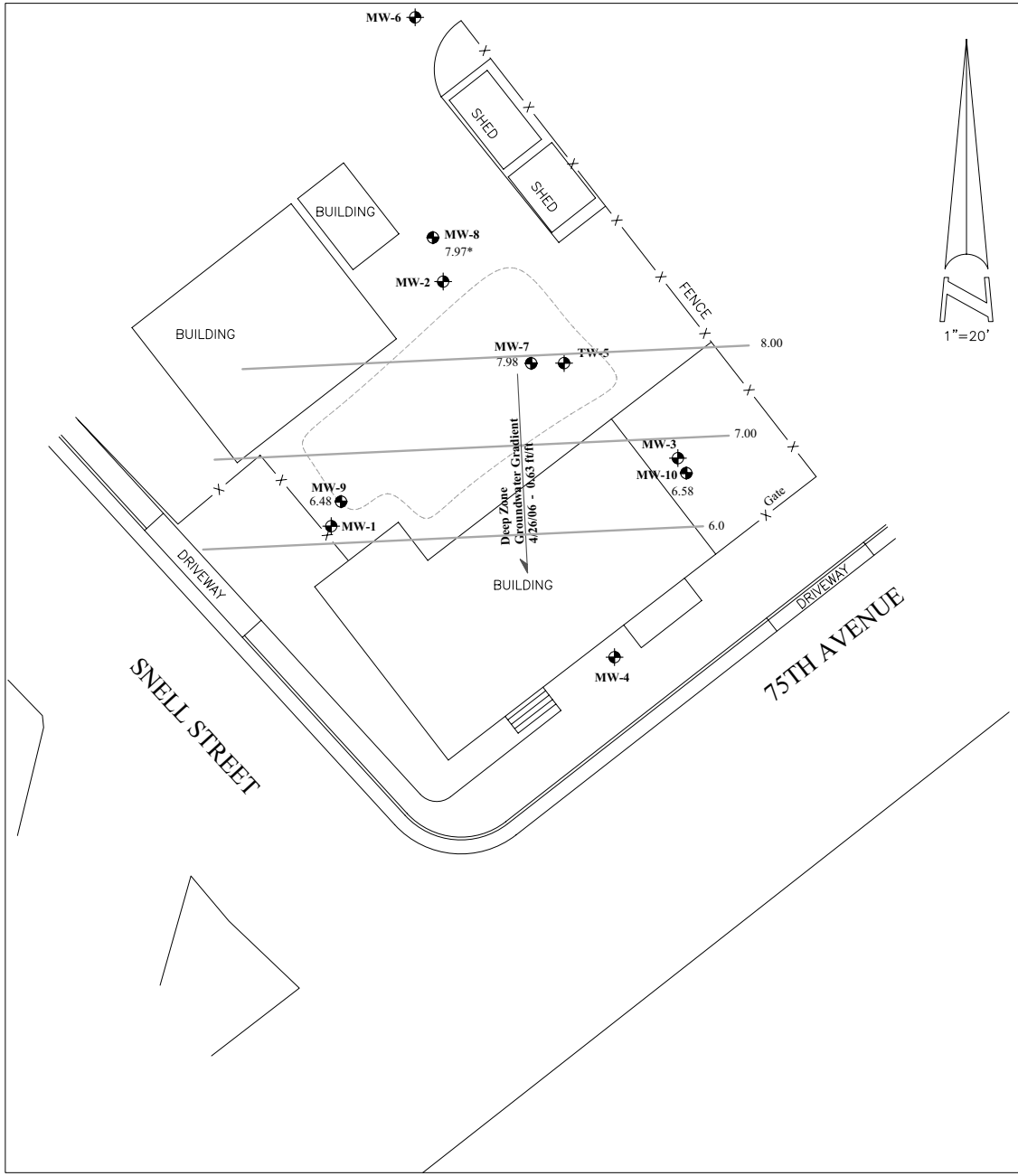
AEI CONSULTANTS

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

Groundwater Gradient - Shallow Zone (4/26/06)

OMEGA TERMITE
807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 9
Project No. 115483



1"=20'

LEGEND

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

0 10 20 40 60
SCALE IN FEET

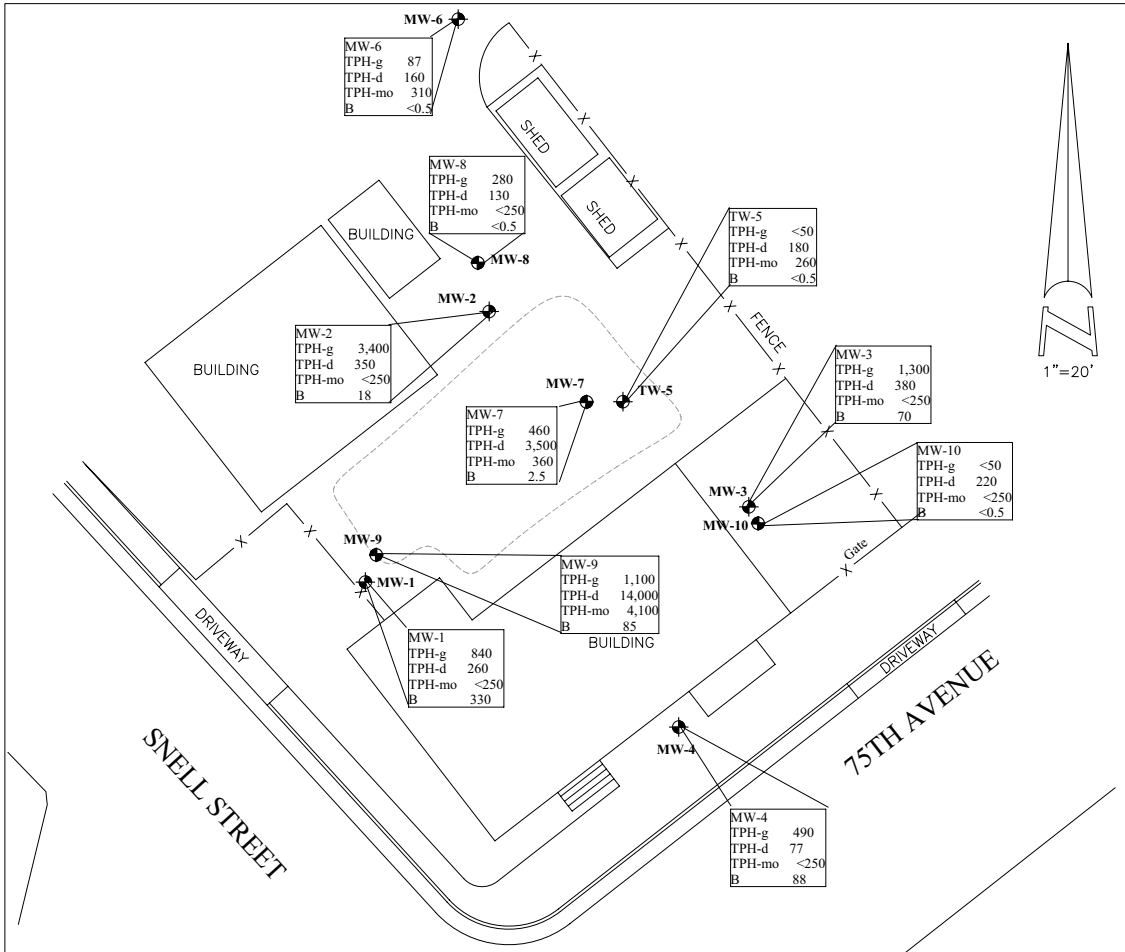
AEI CONSULTANTS

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

Groundwater Gradient - Deep Zone (4/26/06)

OMEGA TERMITE
807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 10
Project No. 115483



LEGEND

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

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

Concentrations in ug/L

0 10 20 40 60
SCALE IN FEET

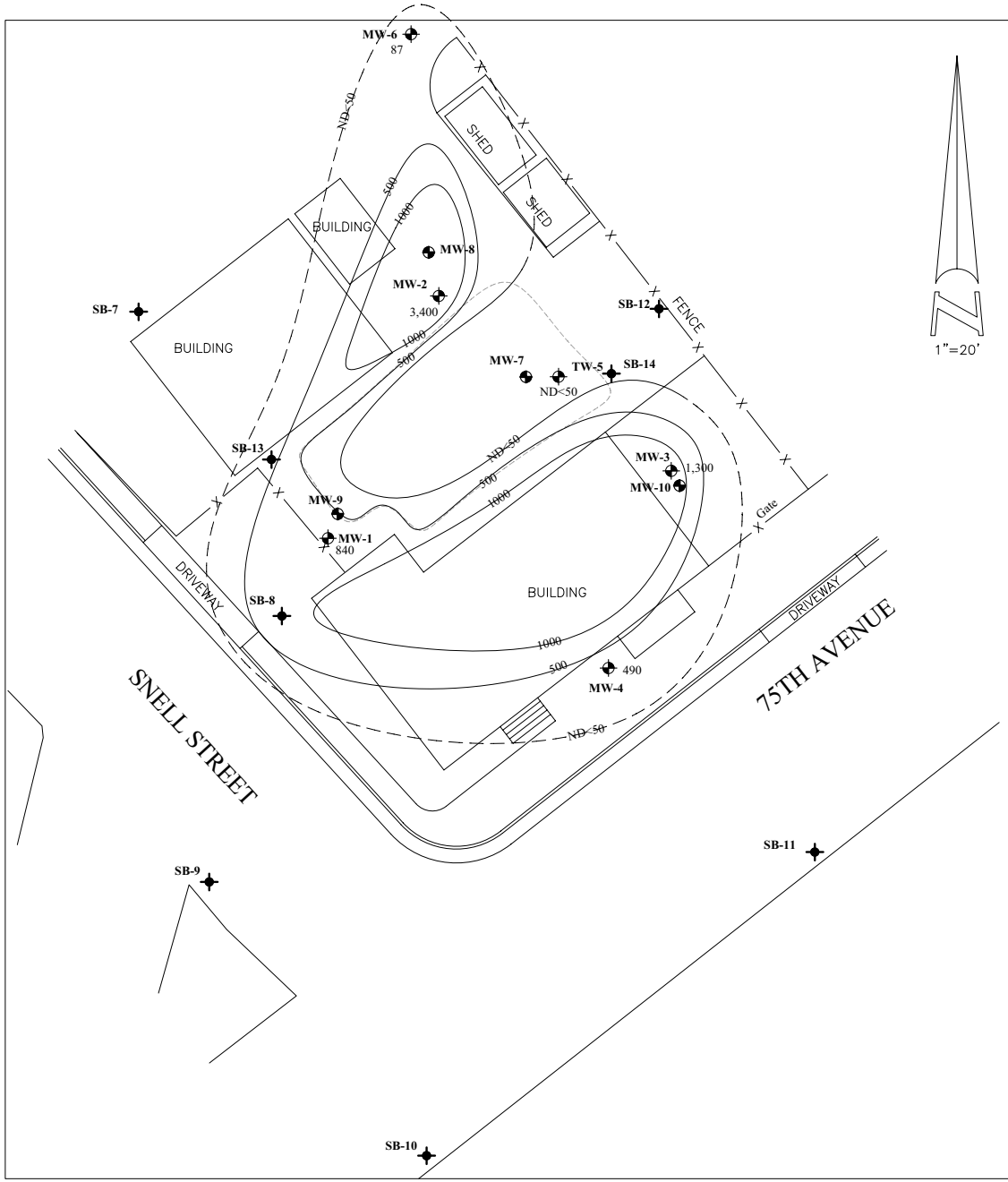
AEI CONSULTANTS

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

Analytical Results (3/13/06)

OMEGA TERMITE
807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 11
Project No. 115483



1"=20'

LEGEND

- Groundwater Monitoring Well shallow (10 - 20 ft. deep, screened above 20 ft.)
- Groundwater Monitoring Well (30 - 33 feet deep, screened from 25' to total depth)
- Soil boring (2003)
- 1,300 Concentration in ug/L

0 10 20 40 60
SCALE IN FEET

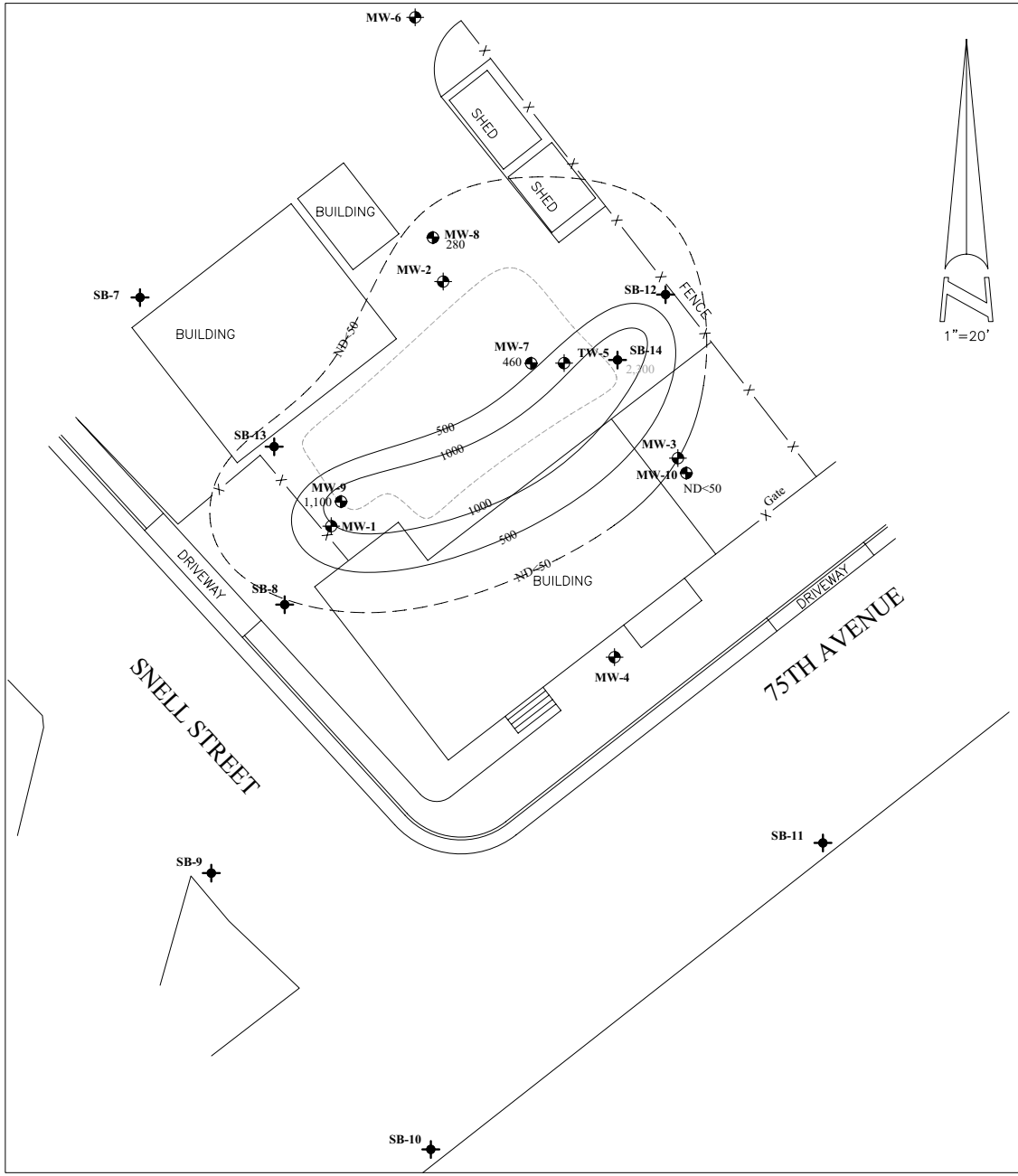
AEI CONSULTANTS

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

TPH-g Isopleths - Shallow Zone (3/13/2006)

OMEGA TERMITE
807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 12
Project No. 115483



LEGEND

- Groundwater Monitoring Well shallow (10 - 20 ft. deep, screened above 20 ft.)
- Groundwater Monitoring Well (30 - 33 feet deep, screened from 25' to total depth)
- Soil boring (2003)
- 2,300 Concentration in ug/L

0 10 20 40 60
SCALE IN FEET

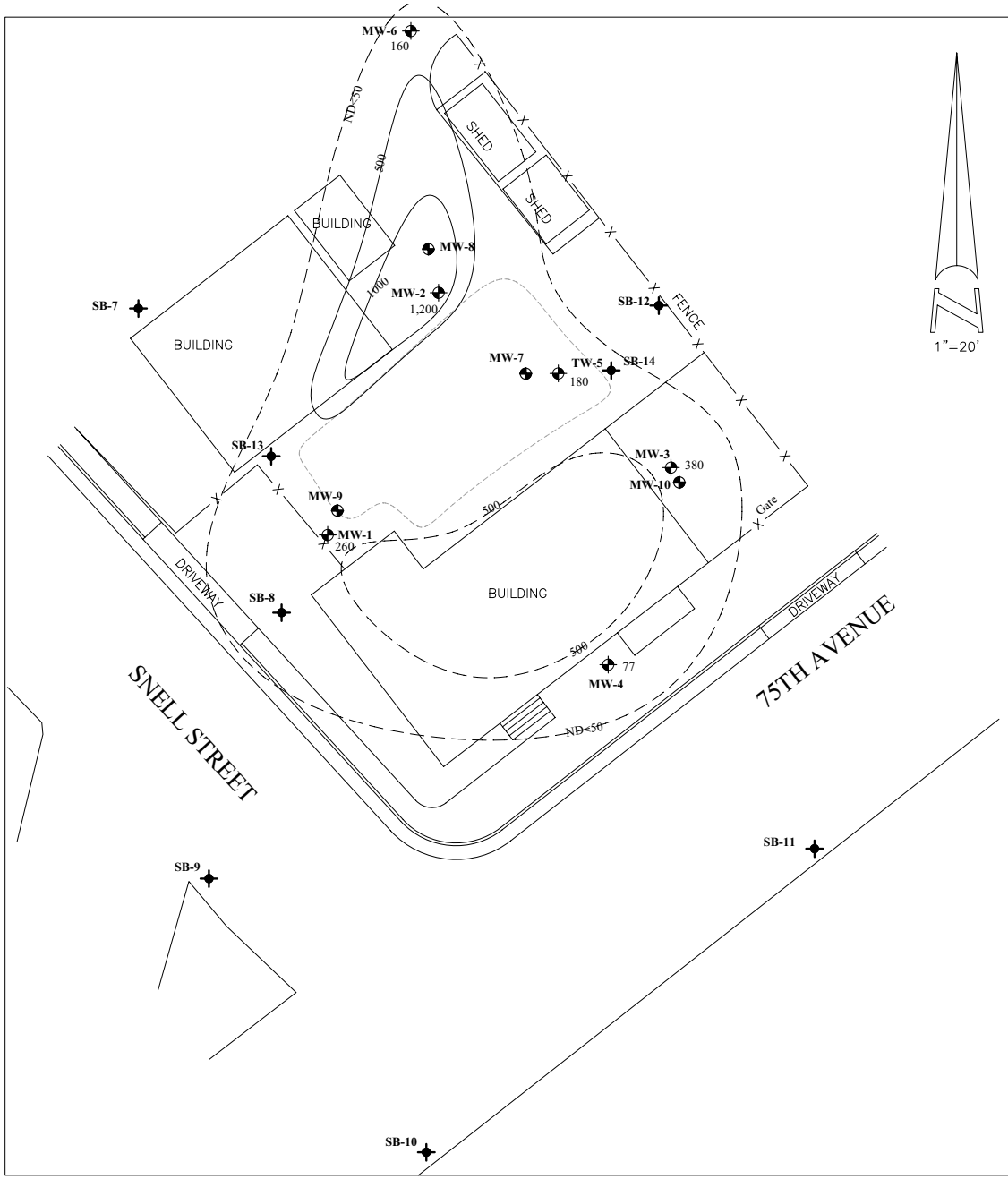
AEI CONSULTANTS

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

TPH-g Isopleths - Deeper Zone (3/13/2006)

OMEGA TERMITE
807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 13
Project No. 115483



LEGEND

- Groundwater Monitoring Well shallow (10 - 20 ft. deep, screened above 20 ft.)
- Groundwater Monitoring Well (30 - 33 feet deep, screened from 25' to total depth)
- Soil boring (2003)
- 380 Concentration in ug/L

0 10 20 40 60
SCALE IN FEET

AEI CONSULTANTS

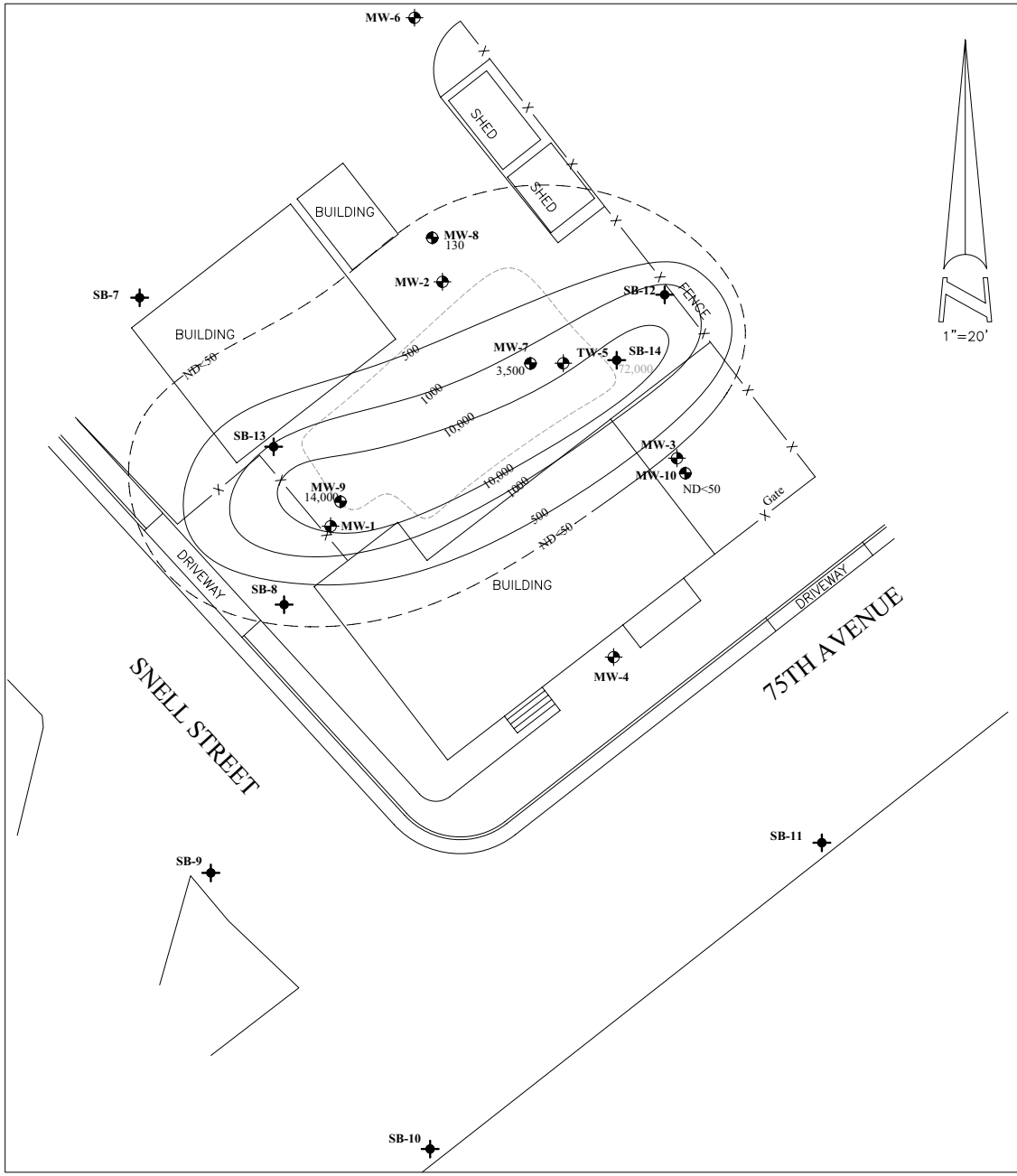
2500 CAMINO DIABLO, STE. 100, WALNUT CREEK, CA

TPH-d Isopleths - Shallow Zone (3/13/2006)

807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 14

Project No. 115483



LEGEND

- Groundwater Monitoring Well shallow (10 - 20 ft. deep, screened above 20 ft.)
- Groundwater Monitoring Well (30 - 33 feet deep, screened from 25' to total depth)
- Soil boring (2003)

0 10 20 40 60
SCALE IN FEET

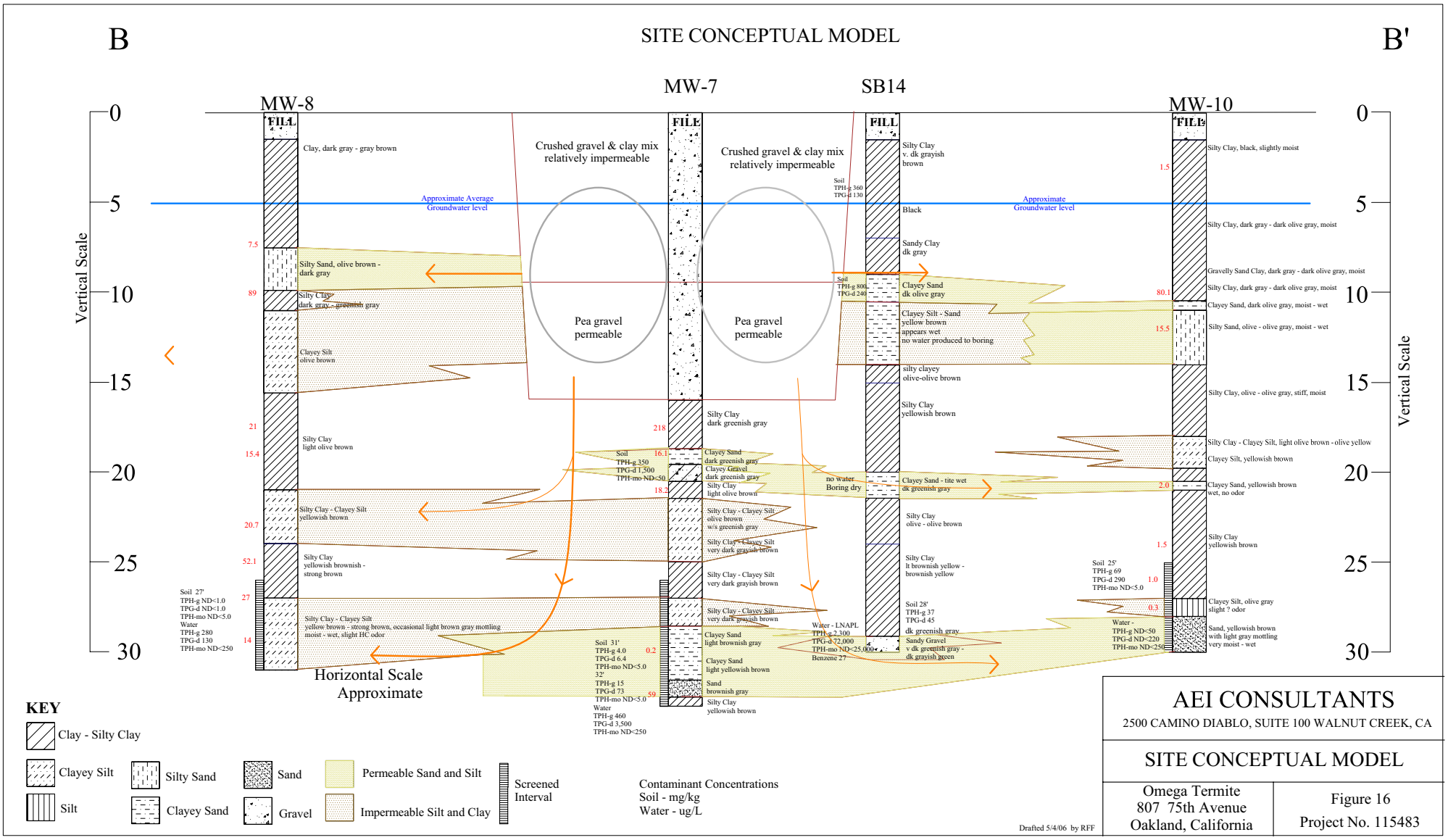
AEI CONSULTANTS

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

TPH-d Isopleths - Deeper Zone (3/13/2006)

807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 15
Project No. 115483



AEI CONSULTANTS
2500 CAMINO DIABLO, SUITE 100 WALNUT CREEK, CA

SITE CONCEPTUAL MODEL

Omega Termite
807 75th Avenue
Oakland, California

Figure 16
Project No. 115483

TABLES

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

Well ID	Date Installed	Box Elevation (feet)	Top of Casing (feet)	Water Depth (3/11/06)	Casing Material	Total Depth (feet)	Well Depth (feet)	Borehole Diameter (inches)	Casing Diameter (inches)	Screened Interval (feet)	Slot Size (inches)	Filter Pack Interval (feet)	Filter Pack Material (feet)	Bentonite Seal (feet)	Grout Seal (feet)
MW-1	06/25/99	11.28	10.68	3.76	PVC	20	20	8 1/4	2	20.0-5.0	0.020	20.0-3.5	#3 sand	3.5-2.5	2.5-0.5
MW-2	06/25/99	12.55	12.15	5.24	PVC	20	20	8 1/4	2	20.0-5.0	0.020	20.0-3.5	#3 sand	3.5-2.5	2.5-0.5
MW-3	06/25/99	10.67	10.40	3.47	PVC	20	20	8 1/4	2	20.0-5.0	0.020	20.0-3.5	#3 sand	3.5-2.5	2.5-0.5
MW-4	06/25/99	10.56	10.31	3.28	PVC	20	20	8 1/4	2	20.0-5.0	0.020	20.0-3.5	#3 sand	3.5-2.5	2.5-0.5
TW-5	March 2000	11.69	11.58	4.51	PVC	10	10	NA	4	10.0-5.0	1/4" drilled	NA	NA	NA	2.0-0.5
MW-6	02/15/06	12.74	12.35	5.39	PVC	14	14	8 1/4	2	14.0-5.0	0.010	14.0-4.5	# 2/12	4.5-3.5	3.5-0.5
MW-7	02/16/06	11.64	11.16	3.36	PVC	33	33	8 1/4	2	33.0-26.0	0.010	33.0-25.0	# 2/12	25.0-23.0	23.0-0.5
MW-8	02/15/06	12.57	12.42	4.64	PVC	31	31	8 1/4	2	31.0-26.0	0.010	31.0-25.0	# 2/12	25.0-23.0	23.0-0.5
MW-9	02/16/06	11.41	11.22	4.32	PVC	30	30	8 1/4	2	30.0-25.0	0.010	30.0-24.0	# 2/12	24.0-22.0	22.0-0.5
MW-10	02/15/06	10.60	10.31	3.28	PVC	30	30	8 1/4	2	30.0-25.0	0.010	30.0-24.0	# 2/12	24.0-22.0	22.0-0.5

Table 2 **Historical soil data**
Omega Termite, 807 - 75th Street, Oakland, CA

Sample ID	Date	TPHg	TPHd	TPHmo	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	TotaL Lead
		Method 8015			Method 8021B					
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MW6-10.5	2/15/06	ND<1.0	1.1	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005	---
MW7-21.5	2/16/06	350	1,500	ND<50	ND<2.0	ND<0.2	ND<0.2	0.23	0.71	---
MW7-31	2/16/06	4.0	6.4	ND<5.0	ND<0.05	ND<0.005	0.0091	0.0092	0.0083	---
MW7-32	2/16/06	15	73	ND<5.0	ND<0.05	0.0060	0.026	0.018	0.023	---
MW8-27	2/15/06	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005	---
MW9-29	2/16/06	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005	---
MW10-25	2/15/06	69	290	ND<5.0	ND<0.05	ND<0.005	ND<0.005	0.046	0.12	---
SB7-10	10/09/03	ND<1.0	---	---	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005	---
SB8-15	10/09/03	ND<1.0	---	---	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005	---
SB9-15	10/09/03	ND<1.0	---	---	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005	---
SB10-15	10/09/03	ND<1.0	---	---	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005	---
SB11-15	10/09/03	ND<1.0	ND<1.0	---	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005	---
SB12-15	10/10/03	ND<1.0	ND<1.0	ND <5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005	---
SB13-14	10/10/03	ND<1.0	--	--	ND<0.05	0.049	ND<0.005	0.014	0.019	---
SB14-4.5	10/10/03	360	130	ND <5.0	ND<2.5	1.4	1.5	8.0	37	---
SB14-9.5	10/10/03	800	240	8.2	ND<2.0	2.9	3.5	16	71	---
SB14-28.0	10/10/03	37	45	ND <5.0	ND<0.05	ND<0.005	ND<0.005	0.015	0.11	---
AEI SW South 8'	3/20/00	290	---	---	ND<0.5	0.84	2.0	6.3	1.3	9.1
AEI SW North 8'	3/20/00	1.8	---	---	ND<0.05	ND<0.005	ND<0.005	0.007	0.008	7.3
AEI SW East 8'	3/20/00	1800	---	---	ND<5.0	12	65	32	160	7.4
AEI EB 7'	3/20/00	560	220	100	ND<1.0	0.59	4.9	7.3	40	7.5
AEI EB West 11.5'	3/20/00	280	---	---	ND<0.21	2.7	6.6	5.2	23	5.9

Table 2 **Historical soil data**
Omega Termite, 807 - 75th Street, Oakland, CA

Sample ID	Date	TPHg	TPHd	TPHmo	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	TotaL Lead
		Method 8015			Method 8021B					
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MW-1 10'	6/25/99	<1.0	---	---	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005	6.4
MW-1 15'	6/25/99	3.4	---	---	ND<0.05	0.092	0.022	0.054	0.14	4.8
MW-2 10'	6/25/99	420	---	---	<2	ND<0.1	2.7	4.8	8.2	6.6
MW-2 15'	6/25/99	<1.0	---	---	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005	6.9
MW-3 10'	6/25/99	14	---	---	ND<0.05	0.3	0.091	0.29	0.28	6.6
MW-3 15'	6/25/99	<1.0	---	---	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005	8.5
MW-4 10'	6/25/99	3.6	---	---	ND<0.05	0.71	ND<0.005	0.19	ND<0.005	6.6
MW-4 15'	6/25/99	<1.0	---	---	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005	8.5
BH-1 10'	1/31/97	4.1	---	---	ND<5.0	0.078	0.009	0.11	0.17	5.6
BH-2 10'	1/31/97	23	---	---	0.13	0.46	0.05	0.089	0.061	7.7
BH-3 10'	1/31/97	280	---	---	1.8	3.2	3.0	3.8	12	6.6
BH-4 10'	1/31/97	4.6	---	---	ND<5.0	0.03	0.025	0.36	0.46	7.8
BH-5 10'	1/31/97	800	---	---	5.0	4.3	23	15	65	6.7
BH-6 10'	1/31/97	110	---	---	0.53	3.0	0.25	0.95	0.53	5.6
8KEW (10')	9/15/96	64	---	---	0.16	1.8	1.2	1.4	2.9	11
8KWW (10')	9/15/96	2600	---	---	25	2.8	15	37	120	24
8KNWW (10')	9/15/96	360	---	---	2.5	2.5	0.83	8.5	2.4	110
1KE (9')	9/15/96	41	---	---	ND<0.1	0.077	0.99	0.86	4.7	8.5
K (9')	9/15/96	4300	---	---	ND<10	13	83	71	310	9.8

TPHg	Total petroleum hydrocarbons as gasoline
TPHd	Total petroleum hydrocarbons as diesel
TPHmo	Total petroleum hydrocarbons as motor oil
MTBE	methyl tert-butyl ether
---	Sample not analyzed by this method

Table 2 Historical soil data
Omega Termite, 807 - 75th Street, Oakland, CA

Sample ID	Date	TPHg	TPHd	TPHmo	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	TotaL Lead
		Method 8015			Method 8021B					
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MW-1 10'	6/25/99	<1.0	---	---	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005	6.4
MW-1 15'	6/25/99	3.4	---	---	ND<0.05	0.092	0.022	0.054	0.14	4.8
MW-2 10'	6/25/99	420	---	---	<2	ND<0.1	2.7	4.8	8.2	6.6
MW-2 15'	6/25/99	<1.0	---	---	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005	6.9
MW-3 10'	6/25/99	14	---	---	ND<0.05	0.3	0.091	0.29	0.28	6.6
MW-3 15'	6/25/99	<1.0	---	---	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005	8.5
MW-4 10'	6/25/99	3.6	---	---	ND<0.05	0.71	ND<0.005	0.19	ND<0.005	6.6
MW-4 15'	6/25/99	<1.0	---	---	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005	8.5
BH-1 10'	1/31/97	4.1	---	---	ND<5.0	0.078	0.009	0.11	0.17	5.6
BH-2 10'	1/31/97	23	---	---	0.13	0.46	0.05	0.089	0.061	7.7
BH-3 10'	1/31/97	280	---	---	1.8	3.2	3.0	3.8	12	6.6
BH-4 10'	1/31/97	4.6	---	---	ND<5.0	0.03	0.025	0.36	0.46	7.8
BH-5 10'	1/31/97	800	---	---	5.0	4.3	23	15	65	6.7
BH-6 10'	1/31/97	110	---	---	0.53	3.0	0.25	0.95	0.53	5.6
8KEW (10')	9/15/96	64	---	---	0.16	1.8	1.2	1.4	2.9	11
8KWW (10')	9/15/96	2600	---	---	25	2.8	15	37	120	24
8KNWW (10')	9/15/96	360	---	---	2.5	2.5	0.83	8.5	2.4	110
1KE (9')	9/15/96	41	---	---	ND<0.1	0.077	0.99	0.86	4.7	8.5
K (9')	9/15/96	4300	---	---	ND<10	13	83	71	310	9.8

TPHg	Total petroleum hydrocarbons as gasoline
TPHd	Total petroleum hydrocarbons as diesel
TPHmo	Total petroleum hydrocarbons as motor oil
MTBE	methyl tert-butyl ether
---	Sample not analyzed by this method

Table 3: Historical Groundwater Sample Analytical Data
Omega Termite, 807 75th Ave., Oakland, CA

Sample ID	Sample Date	Depth to Water	TPH-g	TPH-d	TPH-mo	MTBE[1]	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes
			EPA Method 8015			*8260B*	*EPA Method 8021B*				
			(µg/L)	(µg/L)	(µg/L)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-1	07/30/99	5.82	2,700	---	---	---	ND<10	920	5.5	18	130
	11/09/99	5.70	1,800	---	---	---	ND<20	430	1.5	26	60
	02/23/00	2.84	3,800	---	---	---	ND<10	1,500	56	78	35
	05/26/00	5.50	7,100	---	---	---	ND<10	2,800	70	220	81
	10/10/00	5.70	980	---	---	---	ND<5.0	260	2.9	10	11
	02/07/01	5.25	570	---	---	---	ND<5.0	150	1.8	4.9	9.3
	05/25/01	5.25	18,000	---	---	---	ND<100	3,800	350	550	620
	09/19/01	5.51	840	---	---	---	ND<5.0	190	4.0	4.6	5.3
	05/17/02	5.30	13,000	920	---	---	ND<5.0	4,500	29	50	58
	08/20/02	5.39	2,100	740	ND<5,000	---	ND<15	820	4.5	6.4	9.6
	01/10/03	4.11	95	260	ND<5,000	---	ND<5.0	23	0.66	3.9	6.5
	04/14/03	4.85	340	310	---	---	ND<5.0	87	1.3	4.3	5.6
	07/14/03	5.08	750	700	---	---	ND<10	420	0.84	3.7	6.0
	10/14/03	5.63	200	930	460.0	---	ND<5.0	62	0.83	2.2	2.7
	01/13/04	4.53	510	440	ND<250	---	ND<5.0	190	1.7	11	18.0
	04/15/04	5.14	740	490	ND<250	---	ND<10	240	ND<0.5	5.0	9.6
	07/15/04	5.42	250	420	260	---	ND<5.0	78	ND<0.5	5.0	4.4
	10/18/04	5.42	170	510	290	---	ND<5.0	33	0.75	1.7	3.5
	01/25/05	4.47	240	390	ND<250	---	ND<5.0	86	0.82	1.3	3.0
	04/19/05	4.66	5,100	460	ND<250	---	ND<50	2,100	5.2	13	84
	07/18/05	4.91	3,300	700	350	---	ND<45	1,500	2.8	13	24
	10/18/05	5.24	560	550	330	---	ND<5.0	190	ND<0.5	3.0	8.6
	01/11/06	4.08	240	270	ND<250	---	ND<5.0	93	ND<0.5	1.3	3.4
	03/13/06	**3.76**	**840**	**260**	**ND<250**	**0.89**	**ND<5.0**	**330**	**1.3**	**5.1**	**17**
MW-2	07/30/99	6.64	1,200	---	---	---	ND<10	29	2.5	51	100
	11/09/99	6.42	1,300	---	---	---	ND<30	26	1.1	55	32
	02/23/00	3.31	5,000	---	---	---	ND<10	200	18	390	440
	05/26/00	6.34	2,700	---	---	---	ND<10	69	13	83	68
	10/10/00	6.52	810	---	---	---	ND<10	17	4.7	42	46
	02/07/01	5.90	2,600	---	---	---	ND<10	70	15	80	100
	05/25/01	6.08	2,400	---	---	---	ND<5.0	75	16	85	100
	09/19/01	6.53	1,200	---	---	---	ND<5.0	10	8.5	46	55
	02/06/02	5.72	1,800	---	---	---	ND<50	14	11	58	59
	05/17/02	6.17	2,000	860	---	---	8.1	19	1.1	0.75	88
	01/10/03	5.12	2,000	910	ND<5000	---	ND<50	11	11	96	100
	04/14/03	4.98	2,400	800	-	---	ND<10	16	10	100	73
	07/14/03	5.99	1,900	970	-	---	ND<15	18	4.8	79	78
	10/14/03	6.43	1,600	1,300	ND<250	---	ND<10	14	5.9	87	78
	01/13/04	5.72	2,900	960	ND<250	---	ND<50	26	13	190	150
	04/15/04	6.02	2,700	1,100	ND<250	---	ND<15	28	11	120	100
	07/15/04	5.27	2,300	1,000	ND<250	---	ND<10	8.8	3.8	96	84
	10/18/04	5.27	2,400	910	ND<250	---	ND<10	8.6	8.9	68	72
	01/25/05	5.41	3,500	1,200	ND<250	---	ND<50	21	11	170	120
	04/19/05	5.61	3,400	1,700	ND<250	---	ND<15	15	7.4	150	94

Table 3: Historical Groundwater Sample Analytical Data
Omega Termite, 807 75th Ave., Oakland, CA

Sample ID	Sample Date	Depth to Water	TPH-g	TPH-d	TPH-mo	MTBE[1]	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes
			EPA Method 8015			*8260B*	*EPA Method 8021B*				
			(µg/L)	(µg/L)	(µg/L)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-2 continued	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**
MW-3	07/30/99	5.35	2,700	---	---	---	ND<10	220	15	130	230
	11/09/99	5.11	3,100	---	---	---	15	440	8.8	150	96
	02/23/00	2.37	1,800	---	---	---	ND<15	180	11	82	79
	05/26/00	4.98	1,600	---	---	---	6.4	140	10	69	63
	10/10/00	5.24	1,100	---	---	---	ND<10	110	4.4	63	51
	02/07/01	4.73	1,100	---	---	---	ND<10	130	5.1	68	65
	05/25/01	4.73	1,200	---	---	---	ND<6.0	120	5.4	69	64
	09/19/01	5.07	800	---	---	---	<5.0	78	3.5	52	37
	02/06/02	4.69	1,100	---	---	---	ND<10	130	4.7	77	71
	05/17/02	4.80	2,800	810	---	2.0	ND<50	410	23	160	210
	08/20/02	4.97	780	270	ND<5000[2]	---	ND<10	110	2.8	63	41
	01/10/03	3.59	1,100	510	ND<5000[2]	---	ND<20	160	3.4	98	84
	04/14/03	5.40	690	230	-	---	ND<5.0	60	2.3	44	34
	07/14/03	4.69	900	380	-	---	ND<5.0	130	2.0	70	43
	10/14/03	5.16	500	200	ND<250	---	ND<10	50	2.3	37	18
	01/13/04	4.15	1,500	400	ND<250	---	ND<30	200	6.2	120	88
	04/15/04	4.73	1,100	280	ND<250	---	ND<15	130	3.7	75	53
	07/15/04	5.03	610	240	ND<250	---	ND<5.0	73	2.1	51	29
	10/18/04	5.03	370	270	ND<250	---	ND<5.0	45	1.2	47	28
	01/25/05	4.13	840	300	ND<250	---	ND<5.0	85	2.4	68	45
	04/19/05	4.23	1,100	380	ND<250	---	ND<5.0	140	4.0	95	59
	07/18/05	4.66	740	290	ND<250	---	ND<5.0	98	2.0	70	35
	10/18/05	4.82	420	220	ND<250	---	ND<5.0	38	1.1	35	16
	01/11/06	3.73	740	260	ND<250	---	ND<5.0	75	2.5	60	32
	03/13/06	**3.76**	**1,300**	**380**	**ND<250**	**1.1**	**ND<17**	**90**	**2.5**	**87**	**72**
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

Table 3: Historical Groundwater Sample Analytical Data
Omega Termite, 807 75th Ave., Oakland, CA

Sample ID	Sample Date	Depth to Water	TPH-g	TPH-d	TPH-mo	MTBE[1]	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes
			EPA Method 8015			*8260B*	*EPA Method 8021B*				
			(µg/L)	(µg/L)	(µg/L)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-4 continued	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**
TW-5	10/10/00	---	5,800	2,900	ND<250	---	ND<50	650	60	190	230
	02/07/01	---	720	650	450	---	ND<5.0	6.0	4.5	3.2	4.5
	05/25/01	---	370	420	ND<250	---	ND<5.0	13.0	4.1	1.6	1.3
	09/19/01	6.59	15,000	2,700,000	1,100,000	---	530	29	2.7	14	240
	02/06/02	---	280	55,000	18,000	---	ND<5.0	2.3	0.74	ND<0.5	0.70
	05/17/02	6.56	480	41,000	---	ND<5.0	ND<5.0	1.6	1.1	0.8	ND<0.5
	08/20/02	6.62	240	21,000	ND<5,000	---	ND<5.0	8.0	1.2	1.1	0.54
	01/10/03	4.66	ND<50	1,300	ND<5,000	---	ND<5.0	5.4	0.58	ND<0.5	1.10
	4/14/2003	5.30	160	2,300	---	---	ND<5.0	18	5.7	5.9	16
	7/14/2003	5.84	100	16,000	---	---	ND<5.0	1.2	0.77	0.63	1.2
	10/14/03	6.08	120	10,000	4,600	---	ND<5.0	1.6	1.6	ND<0.5	1.2
	01/13/04	4.83	110	2,100	1,400	---	ND<5.0	8.4	1.2	ND<0.5	3.9
	04/15/04	5.64	170	2,200	1,100	---	ND<5.0	2.5	1.2	ND<0.5	5.1
	07/15/04	5.89	81	3,000	1,600	---	ND<5.0	5	1.3	0.85	4.1
	10/18/04	5.89	230	3,700	1,600	---	ND<5.0	0.54	3.4	ND<0.5	0.93
	01/25/05	5.13	63	750	640	---	ND<5.0	ND<0.5	0.78	ND<0.5	1.3
	04/19/05	5.27	ND<50	1,100	660	---	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	07/18/05	5.76	ND<50	770	490	---	ND<5.0	ND<0.5	0.88	ND<0.5	ND<0.5
	10/18/05	6.04	78	1,600	1,100	---	ND<5.0	ND<0.5	1.6	ND<0.5	ND<0.5
	01/11/06	4.72	ND<50	680	550	ND<0.5	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	03/13/06	**4.51**	**ND<50**	**180**	**260**	**ND<0.5**	**ND<5.0**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
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**
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**
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**
MW-9	**03/13/06**	**4.32**	**1,100**	**14,000[2]**	**4,100**	**2.4**	**ND<5.0**	**85**	**1.8**	**0.64**	**100**
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**

Table 3: Historical Groundwater Sample Analytical Data
Omega Termite, 807 75th Ave., Oakland, CA

Sample ID	Sample Date	Depth to Water	TPH-g	TPH-d	TPH-mo	MTBE[1]	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes
			EPA Method 8015			*8260B*	*EPA Method 8021B*				
			(µg/L)	(µg/L)	(µg/L)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
SB7-W-15	10/09/03	---	ND <50	--	--	--	ND <5.0	ND <0.5	ND <0.5	ND <0.5	ND <0.5
SB8-W-20	10/09/03	---	1,700	--	--	--	8.3	940	2.7	0.58	2.2
SB9-W-20	10/09/03	---	ND <50	--	--	--	ND <5.0	ND <0.5	ND <0.5	ND <0.5	ND <0.5
SB10-W-15	10/09/03	---	ND <50	--	--	--	ND <5.0	ND <0.5	ND <0.5	ND <0.5	ND <0.5
SB11-W-15	10/09/03	---	ND <50	--	--	--	ND <5.0	ND <0.5	ND <0.5	ND <0.5	ND <0.5
SB12-W-15	10/09/03	---	ND <50	150	320	--	ND <5.0	ND <0.5	ND <0.5	ND <0.5	ND <0.5
SB13-W-20	10/10/03	---	89	--	--	--	ND <5.0	27	0.53	2.4	6.2
SB14-W-30	10/10/03	---	2,300	72,000	ND <5000	--	45	120	7.8	35	100
GW	9/15/96	---	---	4,800	--	--	<130	4,100	3,500	21,000	6,400
BH-1	1/31/97	---	---	13,000	--	--	<60	770	67	530	1,800
BH-4	1/31/97	---	---	25,000	--	--	<50	1,300	110	1,200	2,400
BH-6	1/31/97	---	---	27,000	--	--	230	5,000	410	1,100	2,400

Notes

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

Table 4: Groundwater Analytical Data - Fuel Oxygenates
Omega Termite, 807 75th Ave., Oakland, CA

Sample ID	Sample Collection Date	TAME	TBA	EDB	1,2-DCA	DIPE	ETBE	MTBE
		EPA method 8260						
		mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
MW-1	3/13/2006	ND<0.5	6.1	ND<0.5	3.6	ND<0.5	ND<0.5	0.89
MW-2	3/13/2006	ND<0.5	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.76
MW-3	3/13/2006	ND<0.5	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.1
MW-4	3/13/2006	ND<0.5	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.9
TW-5	3/13/2006	ND<0.5	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
MW-6	3/13/2006	ND<0.5	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
MW-7	3/13/2006	ND<0.5	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
MW-8	3/13/2006	ND<0.5	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
MW-9	3/13/2006	ND<0.5	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.4
MW-10	3/13/2006	ND<0.5	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.7

TAME = tert-Amyl methyl ether
TBA = tert-Butyl alchohol
EDB = 1,2-Dibromoethane
1,2-DCA = 1,2-Dichloroethane
DIPE = Diisopropyl ether
ETBE = Ethyl tert-butyl ether
MTBE = methyl tert-butyl ether
mg/l = micrograms per liter (ppb)

Table 5: Historical Groundwater Elevation Data
Omega Termite, 807 75th Ave., Oakland, CA

Well ID	Date	Well Elevation * (ft amsl)	Depth to Water (ft)	Groundwater Elevation (ft amsl)	Elevation Change (ft)
MW-1	07/30/99	10.68	5.82	4.86	----
	11/09/99	10.68	5.70	4.98	0.12
	02/23/00	10.68	2.84	7.84	2.86
	05/26/00	10.68	5.50	5.18	-2.66
	10/10/00	10.68	5.70	4.98	-0.20
	02/07/01	10.68	5.25	5.43	0.45
	05/25/01	10.68	5.25	5.43	0.00
	09/19/01	10.68	5.51	5.17	-0.26
	02/06/02	10.68	NM	NM	NM
	05/17/02	10.68	5.30	5.38	----
	08/20/02	10.68	5.39	5.29	-0.09
	01/10/03	10.68	4.11	6.57	1.28
	04/14/03	10.68	4.85	5.83	-0.74
	07/14/03	10.68	5.08	5.60	-0.23
	10/14/03	10.68	5.63	5.05	-0.55
	01/13/04	10.68	4.53	6.15	1.10
	04/15/04	10.68	5.14	5.54	-0.61
	07/15/04	10.68	5.42	5.26	-0.28
	10/18/04	10.68	5.24	5.44	0.18
	01/25/05	10.68	4.47	6.21	0.77
	04/19/05	10.68	4.66	6.02	-0.19
	07/18/05	10.68	4.91	5.77	-0.25
	10/18/05	10.68	5.24	5.44	-0.33
	11/03/05	10.68	5.31	5.37	-0.07
	01/11/06	10.68	4.08	6.60	1.23
	03/13/06	**10.68**	**3.76**	**6.92**	**0.32**
	04/26/06	**10.68**	**4.19**	**6.49**	**-0.43**
MW-2	07/30/99	12.15	6.64	5.51	----
	11/09/99	12.15	6.42	5.73	0.22
	02/23/00	12.15	3.31	8.84	3.11
	05/26/00	12.15	6.34	5.81	-3.03
	10/10/00	12.15	6.52	5.63	-0.18
	02/07/01	12.15	5.90	6.25	0.62
	05/25/01	12.15	6.08	6.07	-0.18
	09/19/01	12.15	6.53	5.62	-0.45
	02/06/02	12.15	5.72	6.43	0.81
	05/17/02	12.15	6.17	5.98	-0.45
	08/20/02	12.15	NM	NM	NM
	01/10/03	12.15	5.12	7.03	----
	04/14/03	12.15	4.98	7.17	0.14
	07/14/03	12.15	5.99	6.16	-1.01
	10/14/03	12.15	6.43	5.72	-0.44
	01/13/04	12.15	5.42	6.73	1.01
	04/15/04	12.15	6.02	6.13	-0.60
	07/15/04	12.15	5.27	6.88	0.75
	10/18/04	12.15	6.12	6.03	-0.85
	04/19/05	12.15	5.61	6.54	0.51
	07/18/05	12.15	5.84	6.31	-0.23

Table 5: Historical Groundwater Elevation Data
Omega Termite, 807 75th Ave., Oakland, CA

Well ID	Date	Well Elevation * (ft amsl)	Depth to Water (ft)	Groundwater Elevation (ft amsl)	Elevation Change (ft)
MW-2 continued	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**
	04/26/06	**12.15**	**5.69**	**6.46**	**-0.45**
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
	04/26/06	**10.40**	**3.81**	**6.59**	-0.34
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

Table 5: Historical Groundwater Elevation Data
Omega Termite, 807 75th Ave., Oakland, CA

Well ID	Date	Well Elevation * (ft amsl)	Depth to Water (ft)	Groundwater Elevation (ft amsl)	Elevation Change (ft)
MW-4 continued	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
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**
MW-6	**03/13/06**	**12.35**	**5.69**	**6.66**	----
MW-7	**03/13/06**	**11.16**	**3.36**	**7.80**	----
	04/26/06	**11.16**	**3.18**	**7.98**	**0.18**
MW-8	**03/13/06**	**12.42**	**4.64**	**7.78**	----
	04/26/06	**12.42**	**4.45**	**7.97**	**0.19**
MW-9	**03/13/06**	**11.22**	**4.32**	**6.90**	----
	04/26/06	**11.22**	**4.74**	**6.48**	**-0.42**
MW-10	**03/13/06**	**10.31**	**3.28**	**7.03**	----
	04/26/06	**10.31**	**3.73**	**6.58**	**-0.45**

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

Table 5a: Groundwater Flow Summary
Omega Termite, 807 75th Ave., Oakland, CA

Episode #	Date	Average Elevation (ft)	Elevation Change (ft)	Flow Direction / Gradient
1	07/30/99	5.07	-	
2	11/09/99	5.25	0.18	0.0056 / SW
3	02/23/00	8.08	2.83	0.008 / S
4	05/26/00	5.41	-2.66	0.003 / SW
5	10/10/00	5.19	-0.22	0.0036 / S
6	02/07/01	5.73	0.54	0.008 / S
7	05/25/01	5.65	-0.09	0.006 / S
8	09/19/01	5.32	-0.33	0.004 / S
9	02/06/02	5.93	0.62	0.005 / SE
10	05/17/02	5.59	-0.34	0.003 / SW
11	08/20/02	5.34	-0.26	0.002 / S
12	01/10/03	6.74	1.40	0.006 / E-NE
13	04/14/03	6.05	-0.69	0.016 / E-NE
14	07/14/03	5.76	-0.29	.0017 / S-SE
15	10/14/03	5.26	-0.50	0.003 / SE
16	01/13/04	6.34	1.08	0.001 / W
17	04/15/04	5.74	-0.60	0.001 / W
18	07/15/04	5.68	-0.05	0.001 / W
19	10/18/04	5.62	-0.07	0.002 / N
20	01/25/05	6.33	0.71	0.002 / N
21	04/19/05	6.16	-0.17	0.001 / N
22	07/18/05	5.85	-0.31	0.0004 / S
23	10/18/05	5.61	-0.24	0.0017 / SW
24	01/11/06	6.79	1.18	0.0047 / N
25	**3/13/06**	**6.89**	**0.10**	**Shallow Zone .0004 / NW**
	3/13/06	**7.38**	**----**	**Deeper zone 0.036 / S**
	4/26/06	**6.51**	**-0.38**	**Shallow Zone .0004 / NW**
	4/26/06	**7.37**	**----**	**Deeper zone 0.063 / S**

Average water table elevation calculated using Microsoft Excel
Only wells MW-1 through MW-4 used in average elevation calculations

APPENDIX A

Well Permits

Alameda County Public Works Agency - Water Resources Well Permit

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 02/02/2006 By suel **Receipt Number: WR2006-0051**
Permits Issued: W2006-0091 to W2006-0095 **Permits Valid from 02/13/2006 to 02/14/2006**

Application Id: 1138743867314 **City of Project Site:** Oakland
Site Location: 807 75th Street
Oakland, CA
Project Start Date: 02/13/2006 **Completion Date:** 02/14/2006

Applicant: AEI Consultants - Robert Flory **Phone:** 925-944-2899
2500 Camino Diablo, Suite 100, Walnut Creek, CA 94597
Property Owner: Allan Kanady **Phone:** 510-562-1333
807 75th Street, Oakland, CA 94611
Client: ** same as Property Owner **
Contact: Robert Flory **Phone:** 925-944-2899
Cell: 925-457-7517

Total Due: $1500.00
Total Amount Paid: $1500.00
Paid By: VISA **PAID IN FULL**

Works Requesting Permits:

Well Construction-Monitoring-Monitoring - 5 Wells
Driller: Greg Drilling - Lic #: 485165 - Method: hstem **Work Total: $1500.00**

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2006-0091	02/02/2006	05/14/2006	MW-10	8.25 in.	2.00 in.	20.00 ft	40.00 ft
W2006-0092	02/02/2006	05/14/2006	MW-6	8.25 in.	2.00 in.	4.00 ft	18.00 ft
W2006-0093	02/02/2006	05/14/2006	MW-7	10.50 in.	4.00 in.	20.00 ft	40.00 ft
W2006-0094	02/02/2006	05/14/2006	MW-8	8.25 in.	2.00 in.	20.00 ft	40.00 ft
W2006-0095	02/02/2006	05/14/2006	MW-9	8.25 in.	2.00 in.	20.00 ft	40.00 ft

Specific Work Permit Conditions

1. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

2. Permitte, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

3. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits

and requirements have been approved or obtained.

4. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including permit number and site map.

5. Applicant shall submit the copies of the approved encroachment permit to this office within 60 days.

6. Wells shall have a Christy box or similar structure with a locking cap or cover. Well(s) shall be kept locked at all times. Well(s) that become damaged by traffic or construction shall be repaired in a timely manner or destroyed immediately (through permit process). No well(s) shall be left in a manner to act as a conduit at any time.

7. Minimum surface seal thickness is two inches of cement grout placed by tremie

8. Minimum seal depth for monitoring wells is 5 feet below ground surface(BGS) or the maximum depth practicable or 20 feet.

9. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

10. Applicant shall contact George Cashen for an inspection time at 510-670-6610 at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

APPENDIX B

Boring/Well Logs

Project: Omega Termite
Project Location: 807 75th Avenue, Oakland, Ca
Project Number: 115483

Log of Boring MW-6

Sheet 1 of 1

Date(s) Drilled **February 15, 2006**	Logged By **Robert F. Flory**	Checked By **Adrian Angel**
Drilling Method **Hollow Stem Auger**	Drill Bit Size/Type	Total Depth of Borehole **14 feet bgs**
Drill Rig Type **Marl 2.5 D**	Drilling Contractor **Gregg Drilling**	Surface Elevation **12.74 feet**
Groundwater Level and Date Measured	Sampling Method(s) **California**	
Borehole Backfill **Well Completion**	Location	

Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	Well Log	REMARKS AND OTHER TESTS
0			GW-GC		Base Rock, gray - dark gray 2.5Y 5/1 - 4/1, firm dry, FILL			TOC 12.35 ft
			CL		Sandy Clay, dark brown 2.5Y 3/3, firm, slightly moist			
			CL		Silty Clay, black - olive gray 2.5Y 2.5/1 - 5Y 4/2, firm, slightly moist	0.1		Neat cement grout
								Blank 2" schedule 40 PVC casing
						0.3		Bentonite chip
5			CL		Silty Clay, black - olive gray 2.5Y 2.5/1 - 5Y 4/2, locally sandy, firm, slightly moist, becoming slightly plastic	1.1		0.010 slotted, 2" schedule 40 PVC casing
			CL		Silty Clay, Black N 2.5/, moderately stiff, moist, plastic	1.2		
			ML		Clayey Silt, locally becoming Silty Clay, dark olive gray - olive 5Y 3/2 - 4/4, moist	16.5		# 2/12 Monterey sand
10		MW6-10.5	ML		Silty Sand, very dark grayish green 5G 3/7 dark olive gray 5Y 3/1 - olive 5Y 4/3, occasional gravel, soft, wet	15.6		
			SW-SC		Sand, yellowish brown 10YR 5/6 with dark gray 10GY 4/1 mottling, predominantly coarse grained, occasionally fine grained to fine gravel, clayey, moderately firm, wet	1.5		
		MW6-13.5	ML		Clayey Silt, yellowish brown 10YR 5/6, occasionally floating coarse sand grains, moderately firm, very moist	0.6		
15					Bottom of Boring at 14 feet bgs			
20								
25								
30								

X:\PROJECTS\CHARACTERIZATION & REMEDIATION\CHARACTERIZATION\115483 SGWI (Omega Termite) Oakland (RFF)\Deeper zone Inv\Graphics\Wells MW6_MW10.bgs [auger well 33.tpl]

AEI CONSULTANTS
ENVIRONMENTAL & CIVIL ENGINEERING

Project: Omega Termite
Project Location: 807 75th Avenue, Oakland, Ca
Project Number: 115483

Log of Boring MW-7

Sheet 1 of 1

Date(s) Drilled **February 16, 2006**	Logged By **Robert F. Flory**	Checked By **Adrian Angel**
Drilling Method **Hollow Stem Auger**	Drill Bit Size/Type **8 1/4 inch**	Total Depth of Borehole **33 feet bgs**
Drill Rig Type **Marl 2.5 D**	Drilling Contractor **Gregg Drilling**	Surface Elevation **11.64 feet**
Groundwater Level and Date Measured	Sampling Method(s) **California**	
Borehole Backfill **Well Completion**	Location	

Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	Well Log	REMARKS AND OTHER TESTS
0			GW-GC		Crushed Gravel clay mix, gray - dark gray 2.5Y 5/1 - 4/1, firm, dry, FILL			TOC 11.16 ft
					dry			
					becoming wet			
5								Neat cement grout
			GP		Pea Gravel, dark gray 2./5Y 4/1, fine gravel, clean, wet			blank 2" schedule 40 PVC casing
10								
15								
			CL		Silty Clay, 10GY 4/1 dark greenish gray, firm, very moist, hydrocarbon odor			
		MW7-17.5				218		
			SC		Clayey Sand, dark greenish gray, 10GY 4/1, firm, wet, strong hydrocarbon odor	16.1		
20			GC		Clayey Gravel, 10GY 4/1 dark greenish gray, firm - hard, wet, hydrocarbon odor			
			CL		Silty Clay, light olive brown 2.5 5/4 olive gray, stiff, moist	18.2		
		MW7-21.5	CL-ML		Silty Clay - Clayey Silt, Yellow olive brown - olive brown 2.5Y 5/4 - 4/7 with some greenish gray 5G 6/1, dark stained vertical fractures and pores,			
		MW7-24	CL-ML		Silty Clay - Clayey Silt, very dark grayish brown 2.5 3/2 - dark green gray 10Y 4/1, moderately stiff, moist			Bentonite chip
25			CL		Silty Clay, dark greenish gray 10GY 4/1 - 5G 4/1, moderately stiff, moist, slightly plastic, hydrocarbon odor			
			CL-ML		Silty Clay - Clayey Silt, yellowish brown,moderately firm, moist			0.010 slotted, 2" schedule 40 PVC casing
		MW7-28	SC		Clayey Sand, light brownish gray 2.5 Y 6/2, moderately firm, very moist, slight hydrocarbon odor	0.2		# 2/12 Monterey sand
30			SC		Clayey Sand - Clayey Gravel, light yellowish brown, fine gravel, firm, very moist, hydrocarbon odor			
		MW7-31						
			SP		Sand, brownish gray, fine grained, moderately firm, wet, hydrocarbon odor			
		MW7-32.5	CL		Silty Clay, yellowish brown 10YR 5/6, stiff, moist, slight hydrocarbon odor	59		
					Bottom of Boring at 33 feet bgs			

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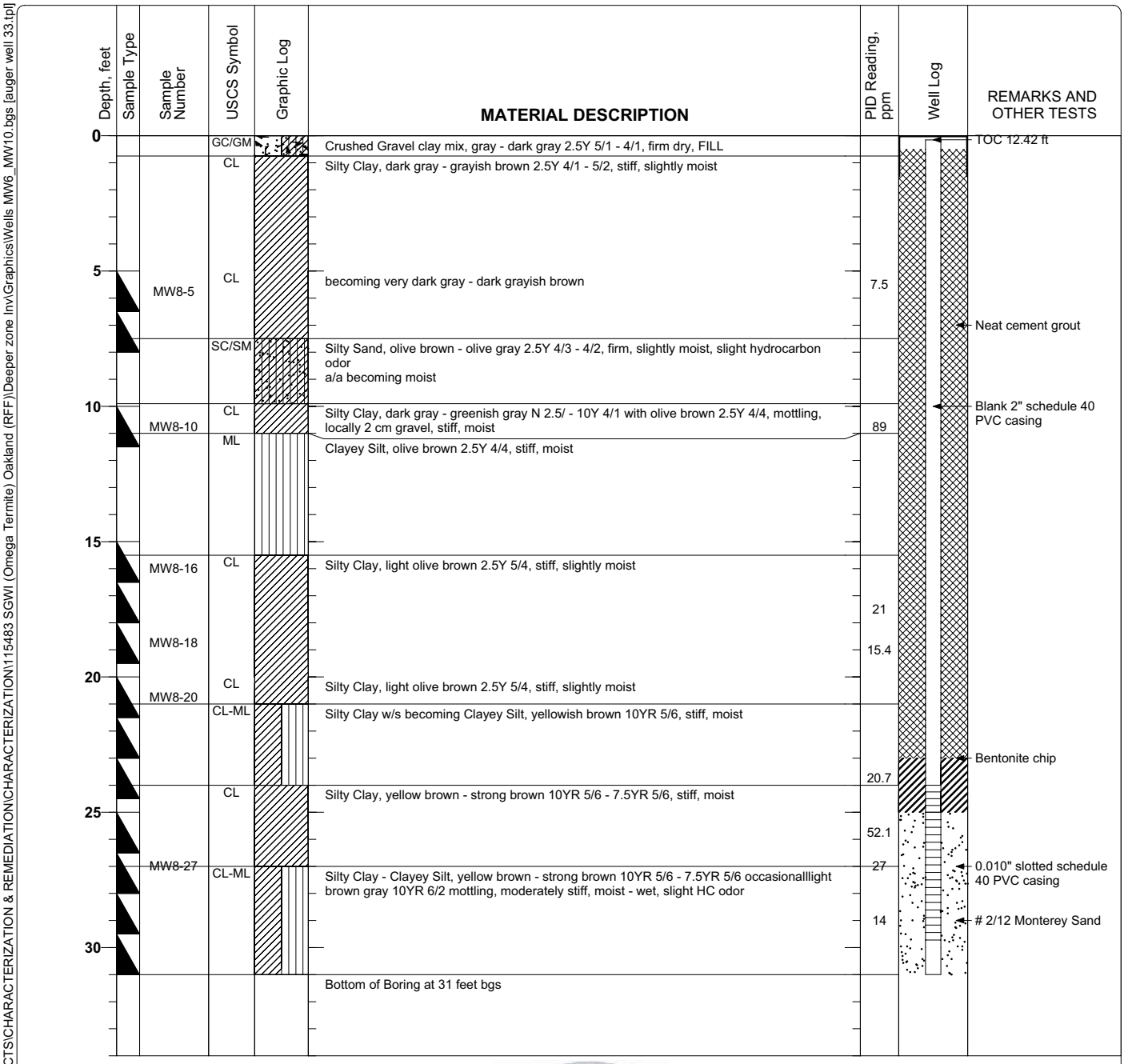
AEI CONSULTANTS
ENVIRONMENTAL & CIVIL ENGINEERING

Project: Omega Termite
Project Location: 807 75th Avenue, Oakland, Ca
Project Number: 115483

Log of Boring MW-8

Sheet 1 of 1

Date(s) Drilled **February 15, 2006**	Logged By **Robert F. Flory**	Checked By **Adrian Angel**
Drilling Method **Hollow Stem Auger**	Drill Bit Size/Type **8 1/4 inch**	Total Depth of Borehole **31 feet bgs**
Drill Rig Type **Marl 2.5 D**	Drilling Contractor **Gregg Drilling**	Surface Elevation **12.57 feet**
Groundwater Level and Date Measured	Sampling Method(s) **California**	
Borehole Backfill **Well Completion**	Location	



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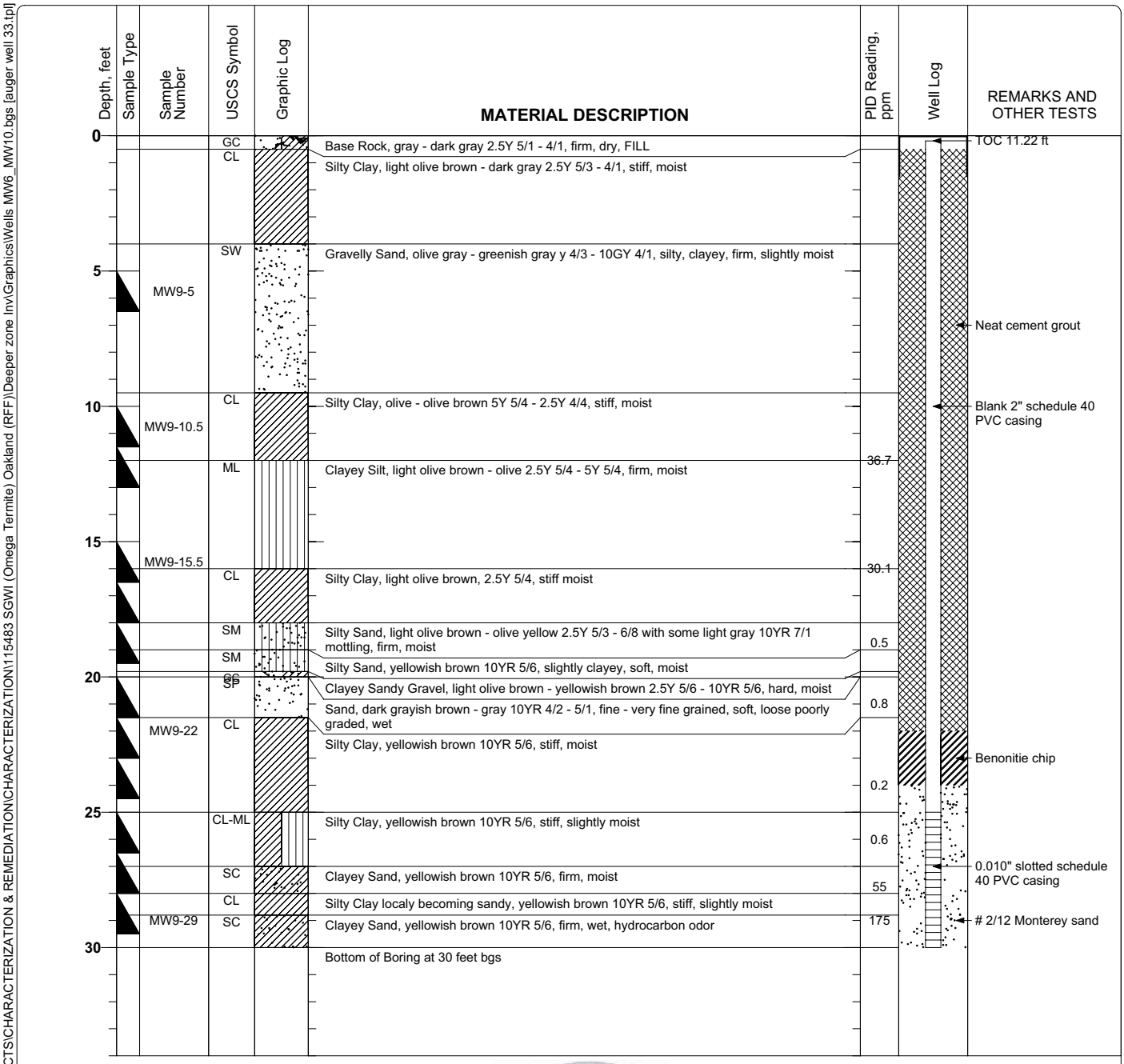
AEI CONSULTANTS
ENVIRONMENTAL & CIVIL ENGINEERING

Project: Omega Termite
Project Location: 807 75th Avenue, Oakland, Ca
Project Number: 115483

Log of Boring MW-9

Sheet 1 of 1

Date(s) Drilled **February 16, 2006**	Logged By **Robert F. Flory**	Checked By **Adrian Angel**
Drilling Method **Hollow Stem Auger**	Drill Bit Size/Type **8 1/4 inch**	Total Depth of Borehole **30 feet bgs**
Drill Rig Type **Marl 2.5 D**	Drilling Contractor **Gregg Drilling**	Surface Elevation **11.41 feet**
Groundwater Level and Date Measured	Sampling Method(s) **California**	
Borehole Backfill **Well Completion**	Location	



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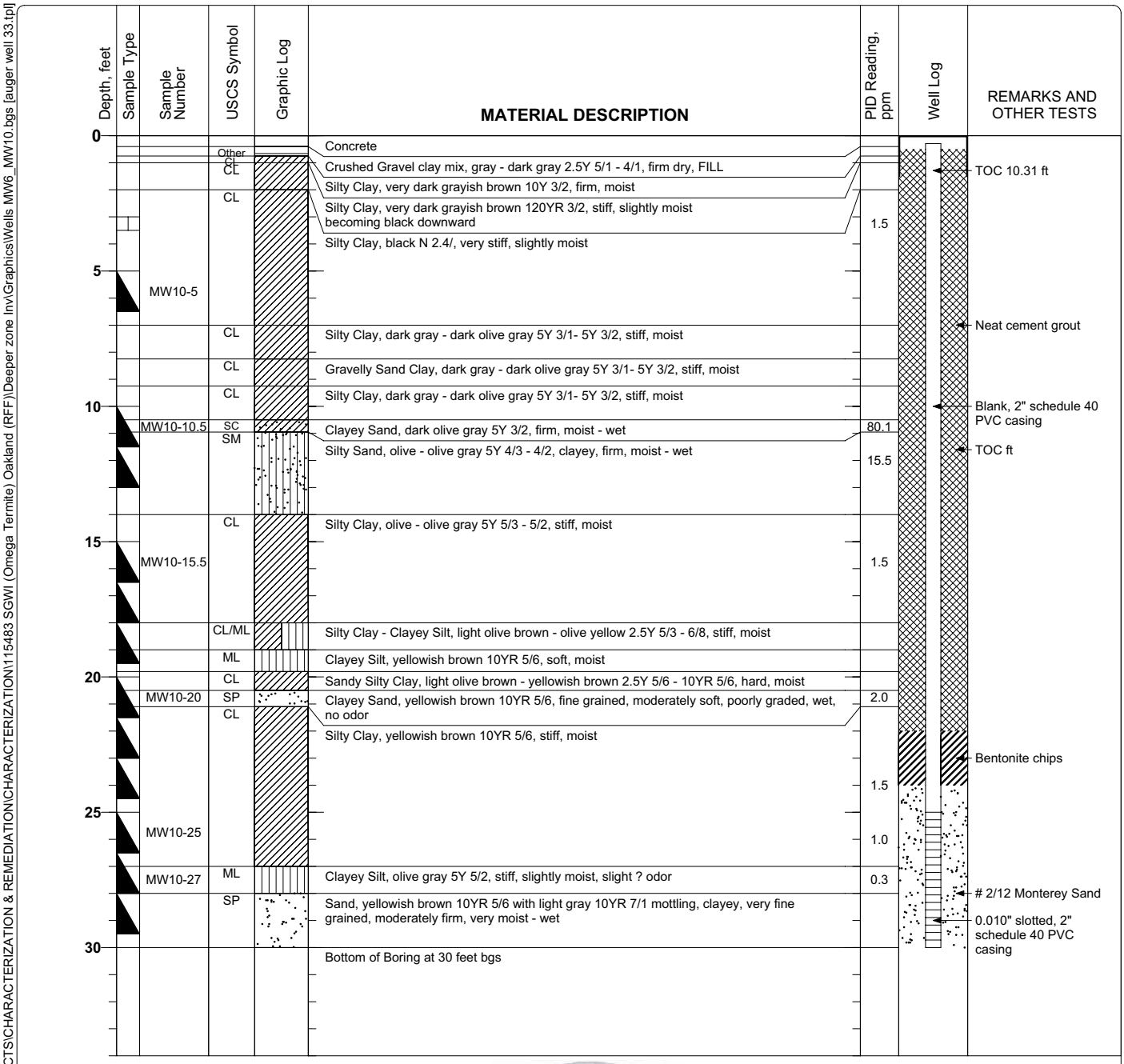
AEI CONSULTANTS
ENVIRONMENTAL & CIVIL ENGINEERING

Project: Omega Termite **Project Location: 807 75th Avenue, Oakland, Ca** **Project Number: 115483**	**Log of Boring MW-10** Sheet 1 of 1

Date(s) Drilled **February 15, 2006**	Logged By **Robert F. Flory**	Checked By **Adrian Angel**
Drilling Method **Hollow Stem Auger**	Drill Bit Size/Type **8 1/4 inch**	Total Depth of Borehole **30 feet bgs**
Drill Rig Type **Marl 2.5 D**	Drilling Contractor **Gregg Drilling**	Surface Elevation **10.6 feet**
Groundwater Level and Date Measured	Sampling Method(s) **California, Grab**	
Borehole Backfill **Well Completion**	Location	



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AEI CONSULTANTS
ENVIRONMENTAL & CIVIL ENGINEERING

APPENDIX C

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:	3/13/2006
Job Number:	115483	Name of Sampler:	Adrian Nieto
Project Address:	807 75th Avenue Oakland		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	10.68		
Depth of Well	20.00		
Depth to Water (from top of casing)	3.76		
Water Elevation (feet above msl)	6.92		
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)	**7.8**		
Actual Volume Purged (gallons)	8.0		
Appearance of Purge Water	clears quickly		
Free Product Present?	No	Thickness (ft):	NA

GROUNDWATER SAMPLES

Number of Samples/Container Size	3 - 40ml VOAs, 1 L Amber						
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	2	16.59	7.69	435	6.51	-374.7	
	4	16.81	7.48	481	5.35	-371.0	
	6	17.16	7.32	519	4.07	-373.2	
	8	17.48	7.16	565	2.70	-377.6	

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

Initially dark brown, strong hydrocarbon odor.

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-2

Project Name:	Omega Termite	Date of Sampling:	3/13/2006
Job Number:	115483	Name of Sampler:	Adrian Nieto
Project Address:	807 75th Avenue Oakland		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	12.15		
Depth of Well	20.00		
Depth to Water (from top of casing)	5.24		
Water Elevation (feet above msl)	6.91		
Well Volumes Purged	3		
Calculated Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	**7.1**		
Actual Volume Purged (gallons)	8.0		
Appearance of Purge Water	clears quickly		
Free Product Present?	No	Thickness (ft):	NA

GROUNDWATER SAMPLES

Number of Samples/Container Size	3 - 40ml VOAs, 1 L Amber						
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	2	17.25	7.12	993	5.51	-458.5	
	4	17.30	7.09	1010	3.16	-442.9	
	6	17.72	7.07	999	2.23	-459.5	
	8	17.96	7.05	998	1.90	-458.3	

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

Initially light gray, with strong hydrocarbon odor.

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-3

Project Name:	Omega Termite	Date of Sampling:	3/13/2006
Job Number:	115483	Name of Sampler:	Adrian Nieto
Project Address:	807 75th Avenue Oakland		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	Replaced lock and cap		
Elevation of Top of Casing (feet above msl)	10.40		
Depth of Well	20.00		
Depth to Water (from top of casing)	3.47		
Water Elevation (feet above msl)	6.93		
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)	**7.9**		
Actual Volume Purged (gallons)	8.0		
Appearance of Purge Water	clears quickly		
Free Product Present?	No	Thickness (ft):	NA

GROUNDWATER SAMPLES

Number of Samples/Container Size	3 - 40ml VOAs, 1 L Amber						
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	2	16.66	7.09	1247	6.70	-158.3	
	4	16.82	7.09	1248	5.89	-155.6	
	6	17.11	7.05	1293	4.50	-134.5	
	8	17.68	7.04	1309	3.51	-316.7	

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

Initially light gray, with hydrocarbon odor.

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-4

Project Name:	Omega Termite	Date of Sampling:	3/13/2006
Job Number:	115483	Name of Sampler:	Adrian Nieto
Project Address:	807 75th Avenue Oakland		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	10.31		
Depth of Well	20.00		
Depth to Water (from top of casing)	3.28		
Water Elevation (feet above msl)	7.03		
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)	**8.0**		
Actual Volume Purged (gallons)	9.0		
Appearance of Purge Water	clears quickly		
Free Product Present?	No	Thickness (ft):	NA

GROUNDWATER SAMPLES

Number of Samples/Container Size	3 - 40ml VOAs, 1 L Amber						
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	1	17.26	6.82	1332	11.35	112.5	
	3	17.35	7.18	1044	8.46	98.1	
	5	17.56	7.08	1248	7.04	146.7	
	7	18.13	7.03	1332	5.22	143.1	
	9	18.32	7.03	1352	4.11	118.3	

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

Initially brown, clearing quickly, slight hydrocarbon odor.

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: TW-5

Project Name:	Omega Termite	Date of Sampling:	3/13/2006
Job Number:	115483	Name of Sampler:	Adrian Nieto
Project Address:	807 75th Avenue Oakland		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	4		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	11.58		
Depth of Well	10.00		
Depth to Water (from top of casing)	4.51		
Water Elevation (feet above msl)	7.07		
Well Volumes Purged	3		
Caculated Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	**10.7**		
Actual Volume Purged (gallons)	11.0		
Appearance of Purge Water	clear		
Free Product Present?	No	Thickness (ft):	NA

GROUNDWATER SAMPLES

Number of Samples/Container Size				3 - 40ml VOAs, 1 L Amber			
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	1	15.11	7.40	636	6.20	-383.8	
	3	15.08	7.31	628	4.00	-392.6	
	5	15.08	7.24	627	3.30	-392.8	
	7	15.07	7.19	625	2.56	-390.9	
	9	15.08	7.09	624	2.15	-387.5	
	11	15.09	7.00	625	1.93	-385.2	

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

Initially clear, slight hydrocarbon odor.

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-6

Project Name:	Omega Termite	Date of Sampling:	3/13/2006
Job Number:	115483	Name of Sampler:	Adrian Nieto
Project Address:	807 75th Avenue Oakland		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	12.35		
Depth of Well	14.00		
Depth to Water (from top of casing)	5.39		
Water Elevation (feet above msl)	6.96		
Well Volumes Purged			
Calculated Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	**3.9**		
Actual Volume Purged (gallons)	5.0		
Appearance of Purge Water	very light brown		
Free Product Present?	No	Thickness (ft):	NA

GROUNDWATER SAMPLES

Number of Samples/Container Size	3 - 40ml VOAs, 1 L Amber

Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	1	16.41	7.31	722	9.18	-323.9	
	3	16.45	7.27	726	7.21	-337.1	
	5	16.69	7.22	728	5.02	-341.1	

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

Initally brown, clearing to light brown at 2.5 gallons, very light brown milky at 6 gallons, very slight hydrocarbon odor

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-7

Project Name:	Omega Termite	Date of Sampling:	3/13/2006
Job Number:	115483	Name of Sampler:	Adrian Nieto
Project Address:	807 75th Avenue Oakland		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	4		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	11.16		
Depth of Well	33.00		
Depth to Water (from top of casing)	3.36		
Water Elevation (feet above msl)	7.80		
Well Volumes Purged	3		
Calculated Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	**15.1**		
Actual Volume Purged (gallons)	16.0		
Appearance of Purge Water	clear at 6.5 gallons		
Free Product Present?	No	Thickness (ft):	NA

GROUNDWATER SAMPLES

Number of Samples/Container Size	3 - 40ml VOAs, 1 L Amber						
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	3	18.71	7.10	1724	5.61	-349.9	
	6	18.73	7.05	1682	3.82	-352.9	
	9	18.74	7.03	1662	2.88	-354.1	
	12	18.76	7.01	1651	2.20	-354.6	
	15	18.77	7.01	1635	1.74	-355.0	
	16	18.77	7.01	1633	1.66	-354.8	

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

Initially brown, light brown at 2 gallons, clear at 6.5 gallons, hydrocarbon odor

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-8

Project Name:	Omega Termite	Date of Sampling:	3/13/2003
Job Number:	115483	Name of Sampler:	Adrian Nieto
Project Address:	807 75th Avenue Oakland		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	12.42		
Depth of Well	30.00		
Depth to Water (from top of casing)	4.64		
Water Elevation (feet above msl)	7.78		
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)	**14.5**		
Actual Volume Purged (gallons)	15.0		
Appearance of Purge Water	clear at 6.0 gallons		
Free Product Present?	No	Thickness (ft):	NA

GROUNDWATER SAMPLES

Number of Samples/Container Size	3 - 40ml VOAs, 1 L Amber						
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	3	18.67	7.12	1794	3.42	-363.6	
	6	18.44	7.16	1783	2.66	-368.1	
	9	18.06	7.22	1767	2..08	-370.9	
	12	18.86	7.15	1804	1.53	-372.5	
	15	18.87	7.22	1818	1.55	-370.6	

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

Initially brown, light brown at 3.5 gallons, clear at 6.0 gallons, very slight hydrocarbon odor

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-9

Project Name:	Omega Termite	Date of Sampling:	3/13/2006
Job Number:	115483	Name of Sampler:	Adrian Nieto
Project Address:	807 75th Avenue Oakland		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	11.22		
Depth of Well	30.00		
Depth to Water (from top of casing)	4.32		
Water Elevation (feet above msl)	6.90		
Well Volumes Purged	3		
Calculated Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	**14.7**		
Actual Volume Purged (gallons)	15.0		
Appearance of Purge Water	light milky brown		
Free Product Present?	No	Thickness (ft):	Light sheen

GROUNDWATER SAMPLES

Number of Samples/Container Size				3 - 40ml VOAs, 1 L Amber			
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	3	18.31	9.22	1147	3.37	-455.8	
	6	18.32	9.03	1239	2.21	-448.8	
	9	18.58	8.68	1313	1.68	-444.4	
	12	18.32	8.38	1353	1.39	-443.0	
	15	18.77	8.08	1355	1.26	-438.1	

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

Initially brown, light brown at 4.5 gallons, strong hydrocarbon odor, light sheen

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-10

Project Name:	Omega Termite	Date of Sampling:	3/13/2006
Job Number:	115483	Name of Sampler:	Adrian Nieto
Project Address:	807 75th Avenue Oakland		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	10.31		
Depth of Well	30.00		
Depth to Water (from top of casing)	3.28		
Water Elevation (feet above msl)	7.03		
Well Volumes Purged			
Calculated Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	**15.2**		
Actual Volume Purged (gallons)	16.0		
Appearance of Purge Water	Clear by 3.5 gallons		
Free Product Present?	No	Thickness (ft):	NA

GROUNDWATER SAMPLES

Number of Samples/Container Size	3 - 40ml VOAs, 1 L Amber						
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	3	18.20	7.02	1427	4.81	-377.6	
	6	17.59	7.04	1384	3.85	-379.6	
	9	18.92	6.69	1635	2.66	-361.2	
	12	19.09	7.21	1621	8.58	-357.4	
	15	19.05	7.17	1575	7.82	-398.3	
	16	19.02	7.12	1588	7.41	-344.1	

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

Initially brown, clears by 3.5 gallons. Dry at 10 gallons (12:35) Recharged by 12:47, purged additional 6 gallons.

No hydrocarbon odor noted.

APPENDIX D

Laboratory Analyses
With
Chain of Custody Documentation

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: #115483; Omega Termite	Date Sampled: 02/15/06
		Date Received: 02/17/06
	Client Contact: Robert Flory	Date Reported: 02/24/06
	Client P.O.:	Date Completed: 02/27/06

WorkOrder: 0602331

February 27, 2006

Dear Robert:

Enclosed are:

1). the results of **7** analyzed samples from your **#115483; Omega Termite project,**

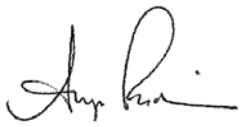
2). a QC report for the above samples

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

4). a bill for analytical services.

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

Best regards,



Angela Rydelius, Lab Manager

AEL 0602331

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: [signature]

Comments: Filter Samples for Metals Analysis: Yes / No

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
MW6-10.5		2/15/06	0915	1	2x6		✓				X			
MW6-13.5			0930											
MW10-20			1035											
MW10-25			1040											
MW8-24			1340											
MW8-27			1350											
MW9-22		2/16/06	0815											
MW9-27			0825											
MW9-29			0830											

Feb 15/16 RT [initials]

Analysis Request

SAMPLE ID	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH (8015) diesel / motor oil	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	HVOCs EPA 8260 (8010 list)	BTEX ONLY (EPA 602 / 8020)	Pesticides EPA 608 / 8080	PCBs EPA 608 / 8080	Fuel Aditives by 8260 incl DCA & EDB	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	RCI	Other: Halogenated VOCs (8260B – 8010 Target List)
MW6-10.5	X	X														
MW6-13.5																
MW10-20																
MW10-25	X	X														
MW8-24																
MW8-27	X	X														
MW9-22																
MW9-27																
MW9-29	X	X														

Relinquished By:	Date:	Time:	Received By:
[signature]	2/17/06	4pm	[signature]
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT ____
DECHLORINATED IN LAB ____

PRESERVATION ✓ (VOAS | O&G | METALS | OTHER)
APPROPRIATE CONTAINERS ✓
PERSERVED IN LAB ____

42

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: [signature]

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
MW7-17.5		2/16/06	1020	2x	Sleeve		X							
MW7-24		↓	1045	↓			↓							
MW7-21.5		↓	1030	↓			↓							
MW7-28		↓	1100	↓			↓							
MW7-29		↓	1120	↓			↓							
MW7-31		↓	1130	↓			↓							
MW7-32		↓	1135	↓			↓							

SAMPLE ID	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH (8015) diesel / motor oil	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	HVOCs EPA 8260 (8010 list)	BTEX ONLY (EPA 602 / 8020)	Pesticides EPA 608 / 8080	PCBs EPA 608 / 8080	Fuel Aditives by 8260 incl DCA & EDB	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	RCI	Other: Halogenated VOCs (8260B – 8010 Target List)	Other	Other	Other
MW7-17.5	Hold																		
MW7-24																			
MW7-21.5	X	X																	
MW7-28	Hold																		
MW7-29																			
MW7-31	X	X																	
MW7-32	X	X																	

Comments: Filter Samples for Metals Analysis: Yes / No

Relinquished By:	Date:	Time:	Received By:
[signature]	2/17/06	4pm	[signature]
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t°____
GOOD CONDITION____
HEAD SPACE ABSENT____
DECHLORINATED IN LAB____
PRESERVATION____ VOAS | O&G | METALS | OTHER
APPROPRIATE CONTAINERS____
PERSERVED IN LAB____

McCampbell Analytical, Inc.
110 Second Avenue South, #D7
Pacheco, CA 94553-5560
(925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0602331 **ClientID: AEL** **EDF: NO**

Report to:
Robert Flory
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
TEL: (925) 283-6000
FAX: (925) 283-6121
ProjectNo: #115483; Omega Termite
PO:

Bill to:
Joanne Bryant
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597

Requested TAT: **5 days**
Date Received: **02/17/2006**
Date Printed: **02/17/2006**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0602331-001	MW6-10.5	Soil	2/15/06 9:15:00 AM	☐	A	A	A									
0602331-004	MW10-25	Soil	2/15/06 10:40:00	☐	A		A									
0602331-006	MW8-27	Soil	2/15/06 1:50:00 PM	☐	A		A									
0602331-009	MW9-29	Soil	2/16/06 8:30:00 AM	☐	A		A									
0602331-012	MW7-21.5	Soil	2/16/06 10:30:00	☐	A		A									
0602331-015	MW7-31	Soil	2/16/06 11:30:00	☐	A		A									
0602331-016	MW7-32	Soil	2/16/06 11:35:00	☐	A		A									

Test Legend:

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

Prepared by: Melissa Valles

Comments:

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

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

AEI Consultants	Client Project ID: #115483; Omega Termite	Date Sampled: 02/15/06-02/16/06
2500 Camino Diablo, Ste. #200		Date Received: 02/17/06
Walnut Creek, CA 94597	Client Contact: Robert Flory	Date Extracted: 02/17/06
	Client P.O.:	Date Analyzed: 02/18/06-02/21/06

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

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0602331

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW6-10.5	S	ND	ND	ND	ND	ND	ND	1	84
004A	MW10-25	S	69,g,m	ND	ND	ND	0.046	0.12	1	116
006A	MW8-27	S	ND	ND	ND	ND	ND	ND	1	89
009A	MW9-29	S	ND	ND	ND	ND	ND	ND	1	89
012A	MW7-21.5	S	530,g,m	ND<2.0	ND<0.20	ND<0.20	0.23	0.71	40	99
015A	MW7-31	S	4.0,g,m	ND	ND	0.0091	0.0092	0.0083	1	97
016A	MW7-32	S	15,g,m	ND	0.0060	0.026	0.018	0.023	1	92

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request; o) results are reported on a dry weight basis.

DHS Certification No. 1644

_____Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: #115483; Omega Termite	Date Sampled: 02/15/06-02/16/06
		Date Received: 02/17/06
	Client Contact: Robert Flory	Date Extracted: 02/17/06
	Client P.O.:	Date Analyzed: 02/18/06-02/22/06

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

Extraction method: SW3550C Analytical methods: SW8015C Work Order: 0602331

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0602331-001A	MW6-10.5	S	1.1,b	ND	1	108
0602331-004A	MW10-25	S	290,k	ND	1	106
0602331-006A	MW8-27	S	ND	ND	1	107
0602331-009A	MW9-29	S	ND	ND	1	87
0602331-012A	MW7-21.5	S	1500,k	ND<50	10	108
0602331-015A	MW7-31	S	6.4,k	ND	1	106
0602331-016A	MW7-32	S	73,k	ND	1	110

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L
	S	1.0	5.0	mg/Kg

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

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

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel (asphalt?); 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/jet fuel; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

DHS Certification No. 1644 _____Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0602331

EPA Method: SW8021B/8015Cm	Extraction: SW5030B	BatchID: 20402	Spiked Sample ID 0602331-009A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex)£	ND	0.60	111	120	7.81	113	111	1.76	70 - 130	70 - 130
MTBE	ND	0.10	100	96	4.44	97.2	98.7	1.50	70 - 130	70 - 130
Benzene	ND	0.10	101	99.4	1.95	95.3	95.7	0.351	70 - 130	70 - 130
Toluene	ND	0.10	99.9	100	0.434	95.1	94.5	0.643	70 - 130	70 - 130
Ethylbenzene	ND	0.10	103	102	0.600	98	97.6	0.411	70 - 130	70 - 130
Xylenes	ND	0.30	101	101	0	100	99.7	0.334	70 - 130	70 - 130
%SS:	89	0.10	104	107	2.84	101	98	2.61	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 20402 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0602331-001A	2/15/06 9:15 AM	2/17/06	2/21/06 5:49 PM	0602331-004A	2/15/06 10:40 AM	2/17/06	2/18/06 12:00 PM
0602331-006A	2/15/06 1:50 PM	2/17/06	2/18/06 12:33 PM	0602331-006A	2/15/06 1:50 PM	2/17/06	2/21/06 6:56 PM
0602331-009A	2/16/06 8:30 AM	2/17/06	2/18/06 1:06 PM	0602331-012A	2/16/06 10:30 AM	2/17/06	2/18/06 10:21 AM
0602331-015A	2/16/06 11:30 AM	2/17/06	2/18/06 6:53 AM	0602331-016A	2/16/06 11:35 AM	2/17/06	2/18/06 7:25 AM

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0602331

EPA Method: SW8015C	Extraction: SW3550C	BatchID: 20401	Spiked Sample ID 0602331-009a

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(d)	ND	20	115	115	0	98.3	117	17.0	70 - 130	70 - 130
%SS:	87	50	102	101	0.734	86	104	19.4	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 20401 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0602331-001A	2/15/06 9:15 AM	2/17/06	2/18/06 10:06 PM	0602331-004A	2/15/06 10:40 AM	2/17/06	2/18/06 8:58 PM
0602331-006A	2/15/06 1:50 PM	2/17/06	2/19/06 12:21 AM	0602331-009A	2/16/06 8:30 AM	2/17/06	2/19/06 3:29 AM
0602331-012A	2/16/06 10:30 AM	2/17/06	2/22/06 1:50 AM	0602331-015A	2/16/06 11:30 AM	2/17/06	2/19/06 1:29 AM
0602331-016A	2/16/06 11:35 AM	2/17/06	2/22/06 4:06 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.

DHS Certification No. 1644 _____QA/QC Officer

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: #115483; Omega termite	Date Sampled: 03/13/06
		Date Received: 03/13/06
	Client Contact: Robert Flory	Date Reported: 03/16/06
	Client P.O.:	Date Completed: 03/20/06

WorkOrder: 0603207

March 20, 2006

Dear Robert:

Enclosed are:

1). the results of **10** analyzed samples from your **#115483; Omega termite project,**

2). a QC report for the above samples

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

4). a bill for analytical services.

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

Best regards,

Angela Rydelius, Lab Manager

McCAMPBELL ANALYTICAL INC.

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

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

GeoTracker EDF ☒ PDF ☒ Excel ☐ Write On (DW) ☐

Report To: Robert Flory	Bill To: Same
Company: AEI Consultants	
2500 Camino Diablo, Suite 200	
Walnut Creek, CA 94597	E-Mail: rflory@aeiconsultants.com
Tel: (925) 944-2899, extension 122	Fax: (925) 944-2895
Project #:115483	Project Name: Omega termite
Project Location: 807 75th	
Sampler Signature: Adrian Nieto	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	Soil	Air	Sludge	Other	METHOD PRESERVED: Ice	HCl	HNO_3	Other
MW-1		3-13-06		4	VIL	X					X	X		
MW-2						X					X	X		
MW-3						X					X	X		
MW-4						X					X	X		
~~MW-5~~ TW5						X					X	X		
MW-10						X					X	X		
MW-7						X					X	X		
MW-8						X					X	X		
MW-9						X					X	X		
MW-10						X					X	X		
~~Water~~														

Analysis Request	Other	Comments
BTEX & TPH as Gas (602/8020 + 8015)/MTBE	Halogenated VOCs (8260B – 8010 Target List)	Filter Samples for Metals Analysis: Yes / No
TPH (8015) diesel / motor oil		
Total Petroleum Oil & Grease (5520 E&F/B&F)		
Total Petroleum Hydrocarbons (418.1)		
HVOCs EPA 8260 (8010 list)		
BTEX ONLY (EPA 602 / 8020)		
Pesticides EPA 608 / 8080		
PCBs EPA 608 / 8080		
Fuel Dditi8ves by 8260 incl EDB, TCA		
EPA 625 / 8270		
PAH's / PNA's by EPA 625 / 8270 / 8310		
CAM-17 Metals		
LUFT 5 Metals		
Lead (7240/7421/239.2/6010)		
RCI		

Relinquished By:	Date:	Time:	Received By:
Adrian Nieto	3-13-06	6:10	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
DECHLORINATED IN LAB _____ PERSERVED IN LAB _____

PRESERVATION APPROPRIATE ✓	VOAS	O&G	METALS	OTHER
CONTAINERS ✓				

McCampbell Analytical, Inc.
110 Second Avenue South, #D7
Pacheco, CA 94553-5560
(925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0603207 **ClientID: AEL** **EDF: YES**

Report to:
Robert Flory
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
TEL: (925) 283-6000
FAX: (925) 283-6121
ProjectNo: #115483; Omega termite
PO:

Bill to:
Joanne Bryant
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597

Requested TAT: **5 days**
Date Received: **03/13/2006**
Date Printed: **03/13/2006**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0603207-001	MW-1	Water	3/13/06	☐	B	A	A	C								
0603207-002	MW-2	Water	3/13/06	☐	B	A		C								
0603207-003	MW-3	Water	3/13/06	☐	B	A		C								
0603207-004	MW-4	Water	3/13/06	☐	B	A		C								
0603207-005	TW-5	Water	3/13/06	☐	B	A		C								
0603207-006	MW-6	Water	3/13/06	☐	B	A		C								
0603207-007	MW-7	Water	3/13/06	☐	B	A		C								
0603207-008	MW-8	Water	3/13/06	☐	B	A		C								
0603207-009	MW-9	Water	3/13/06	☐	B	A		C								
0603207-010	MW-10	Water	3/13/06	☐	B	A		C								

Test Legend:

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

Prepared by: Rosa 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.

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: #115483; Omega termite	Date Sampled: 03/13/06
		Date Received: 03/13/06
	Client Contact: Robert Flory	Date Extracted: 03/14/06-03/15/06
	Client P.O.:	Date Analyzed: 03/14/06-03/15/06

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0603207

Lab ID	0603207-001B	0603207-002B	0603207-003B	0603207-004B	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	S	W
Compound	**Concentration**				ug/kg	µg/L
tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	NA	0.5
t-Butyl alcohol (TBA)	6.1	ND	ND	ND	NA	5.0
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	NA	0.5
1,2-Dichloroethane (1,2-DCA)	3.6	ND	ND	ND	NA	0.5
Diisopropyl ether (DIPE)	ND	ND	ND	ND	NA	0.5
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	NA	0.5
Methyl-t-butyl ether (MTBE)	0.89	0.76	1.1	1.9	NA	0.5
Surrogate Recoveries (%)						
%SS1:	102	101	100	101		
Comments	i					

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

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AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: #115483; Omega termite	Date Sampled: 03/13/06
		Date Received: 03/13/06
	Client Contact: Robert Flory	Date Extracted: 03/14/06-03/15/06
	Client P.O.:	Date Analyzed: 03/14/06-03/15/06

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0603207

Lab ID	0603207-005B	0603207-006B	0603207-007B	0603207-008B	Reporting Limit for DF =1	
Client ID	TW-5	MW-6	MW-7	MW-8		
Matrix	W	W	W	W		
DF	1	1	1	1	S	W
Compound	**Concentration**				ug/kg	µg/L
tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	NA	0.5
t-Butyl alcohol (TBA)	ND	ND	ND	ND	NA	5.0
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	NA	0.5
Diisopropyl ether (DIPE)	ND	ND	ND	ND	NA	0.5
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	NA	0.5
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	NA	0.5
Surrogate Recoveries (%)						
%SS1:	102	102	103	104		
Comments		i				

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; 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: 03/13/06
		Date Received: 03/13/06
	Client Contact: Robert Flory	Date Extracted: 03/14/06-03/15/06
	Client P.O.:	Date Analyzed: 03/14/06-03/15/06

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0603207

					Reporting Limit for DF =1	
Lab ID	0603207-009B	0603207-010B				
Client ID	MW-9	MW-10				
Matrix	W	W				
DF	1	1			S	W
Compound	**Concentration**				ug/kg	µg/L
tert-Amyl methyl ether (TAME)	ND	ND			NA	0.5
t-Butyl alcohol (TBA)	ND	ND			NA	5.0
1,2-Dibromoethane (EDB)	ND	ND			NA	0.5
1,2-Dichloroethane (1,2-DCA)	0.66	ND			NA	0.5
Diisopropyl ether (DIPE)	ND	ND			NA	0.5
Ethyl tert-butyl ether (ETBE)	ND	ND			NA	0.5
Methyl-t-butyl ether (MTBE)	2.4	2.7			NA	0.5
Surrogate Recoveries (%)						
%SS1:	102	104				
Comments	h					

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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AEI Consultants	Client Project ID: #115483; Omega termite	Date Sampled: 03/13/06
2500 Camino Diablo, Ste. #200		Date Received: 03/13/06
Walnut Creek, CA 94597	Client Contact: Robert Flory	Date Extracted: 03/14/06-03/15/06
	Client P.O.:	Date Analyzed: 03/14/06-03/15/06

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

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0603207

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-1	W	840,a,i	ND	330	1.3	5.1	17	1	118
002A	MW-2	W	3400,a	ND<50	20	9.4	110	80	10	119
003A	MW-3	W	1300,a	ND<17	90	2.5	87	72	3.3	105
004A	MW-4	W	490,a	ND	92	0.88	31	15	1	106
005A	TW-5	W	ND	ND	ND	ND	ND	ND	1	105
006A	MW-6	W	87,a,i	ND	ND	0.83	1.3	0.80	1	109
007A	MW-7	W	460,a	ND	2.5	1.0	ND	3.3	1	114
008A	MW-8	W	280,a	ND	ND	2.0	ND	1.3	1	115
009A	MW-9	W	1100,a,h	ND	85	1.8	0.64	100	1	99
010A	MW-10	W	ND	ND	ND	ND	ND	ND	1	94

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request.

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AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: #115483; Omega termite	Date Sampled: 03/13/06
		Date Received: 03/13/06
	Client Contact: Robert Flory	Date Extracted: 03/13/06
	Client P.O.:	Date Analyzed: 03/13/06-03/14/06

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

Extraction method: SW3510C Analytical methods: SW8015C Work Order: 0603207

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0603207-001C	MW-1	W	260,b,d,i	ND	1	99
0603207-002C	MW-2	W	1200,d,b	ND	1	99
0603207-003C	MW-3	W	380,d	ND	1	99
0603207-004C	MW-4	W	77,d,b	ND	1	98
0603207-005C	TW-5	W	180,g,b	260	1	100
0603207-006C	MW-6	W	160,g,d,b,i	310	1	96
0603207-007C	MW-7	W	3500,k	360	1	89
0603207-008C	MW-8	W	130,d	ND	1	87
0603207-009C	MW-9	W	11,000,a,h	4100	10	92
0603207-010C	MW-10	W	220,k	ND	1	86

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

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

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

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil;

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0603207

EPA Method: SW8260B	Extraction: SW5030B	BatchID: 20709	Spiked Sample ID 0603200-002B

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	LCS / LCSD
tert-Amyl methyl ether (TAME	ND	10	110	109	0.158	109	105	3.91	70 - 130	70 - 130
t-Butyl alcohol (TBA)	ND	50	84.6	88.5	4.45	85	90.3	6.04	70 - 130	70 - 130
1,2-Dibromoethane (EDB)	ND	10	92.3	92.3	0	97.4	92.9	4.67	70 - 130	70 - 130
1,2-Dichloroethane (1,2-DCA)	ND	10	111	114	2.82	114	120	4.71	70 - 130	70 - 130
Diisopropyl ether (DIPE)	ND	10	120	117	2.54	116	119	2.53	70 - 130	70 - 130
Ethyl tert-butyl ether (ETBE)	ND	10	113	112	1.30	112	107	4.51	70 - 130	70 - 130
Methyl-t-butyl ether (MTBE)	ND	10	106	108	1.72	108	103	5.43	70 - 130	70 - 130
%SS1:	100	10	110	111	0.637	113	111	2.33	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 20709 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0603207-001B	3/13/06	3/14/06	3/14/06 5:13 PM	0603207-002B	3/13/06	3/14/06	3/14/06 5:55 PM

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

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

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

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

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

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

DHS Certification No. 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0603207

EPA Method: SW8260B	Extraction: SW5030B				BatchID: 20717			Spiked Sample ID 0603210-006C		
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	LCS / LCSD
tert-Amyl methyl ether (TAME	ND	10	91.7	88.2	3.95	91.7	88.7	3.34	70 - 130	70 - 130
t-Butyl alcohol (TBA)	ND	50	95	91.8	3.38	95	101	6.24	70 - 130	70 - 130
1,2-Dibromoethane (EDB)	ND	10	103	104	1.60	113	109	3.60	70 - 130	70 - 130
1,2-Dichloroethane (1,2-DCA)	ND	10	108	106	2.22	95.4	96.8	1.47	70 - 130	70 - 130
Diisopropyl ether (DIPE)	ND	10	110	111	0.440	109	106	3.47	70 - 130	70 - 130
Ethyl tert-butyl ether (ETBE)	ND	10	103	102	1.35	103	101	1.71	70 - 130	70 - 130
Methyl-t-butyl ether (MTBE)	ND	10	101	101	0	101	100	0.508	70 - 130	70 - 130
%SS1:	98	10	107	106	0.336	102	100	1.46	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 20717 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0603207-003B	3/13/06	3/14/06	3/14/06 6:38 PM	0603207-004B	3/13/06	3/14/06	3/14/06 7:21 PM
0603207-005B	3/13/06	3/14/06	3/14/06 8:03 PM	0603207-006B	3/13/06	3/14/06	3/14/06 8:46 PM
0603207-007B	3/13/06	3/15/06	3/15/06 3:52 AM	0603207-008B	3/13/06	3/14/06	3/14/06 11:36 PM
0603207-009B	3/13/06	3/15/06	3/15/06 12:19 AM	0603207-010B	3/13/06	3/15/06	3/15/06 1:01 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.

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

DHS Certification No. 1644

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0603207

EPA Method: SW8021B/8015Cm Extraction: SW5030B BatchID: 20702 Spiked Sample ID 0603205-001A

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	LCS / LCSD
TPH(btex)£	ND	60	123	115	4.73	107	109	1.72	70 - 130	70 - 130
MTBE	10	10	79.6	80.9	0.738	95.1	91.5	3.84	70 - 130	70 - 130
Benzene	0.77	10	90.1	89.7	0.410	99	94.1	5.08	70 - 130	70 - 130
Toluene	ND	10	94.5	92.2	2.42	102	96	5.64	70 - 130	70 - 130
Ethylbenzene	ND	10	94.2	96.7	2.59	101	96.5	4.48	70 - 130	70 - 130
Xylenes	ND	30	96.3	100	3.74	103	99.3	3.95	70 - 130	70 - 130
%SS:	115	10	99	99	0	105	100	5.11	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 20702 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0603207-001A	3/13/06	3/14/06	3/14/06 7:20 AM	0603207-002A	3/13/06	3/14/06	3/14/06 7:52 AM
0603207-003A	3/13/06	3/14/06	3/14/06 4:51 PM	0603207-004A	3/13/06	3/14/06	3/14/06 8:57 AM

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

DHS Certification No. 1644

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0603207

EPA Method: SW8021B/8015Cm	Extraction: SW5030B	BatchID: 20716	Spiked Sample ID 0603208-008A

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	LCS / LCSD
TPH(btex)£	ND	60	108	107	0.669	108	105	2.72	70 - 130	70 - 130
MTBE	ND	10	86.8	91.6	5.37	95.1	92.5	2.84	70 - 130	70 - 130
Benzene	ND	10	94	101	7.21	100	96.8	3.64	70 - 130	70 - 130
Toluene	ND	10	96.4	102	5.66	92.8	91.1	1.83	70 - 130	70 - 130
Ethylbenzene	ND	10	98.5	101	2.57	99.7	97.3	2.48	70 - 130	70 - 130
Xylenes	ND	30	100	100	0	95.3	94.7	0.702	70 - 130	70 - 130
%SS:	103	10	100	102	2.54	100	101	0.103	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 20716 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0603207-005A	3/13/06	3/14/06	3/14/06 9:29 AM	0603207-006A	3/13/06	3/14/06	3/14/06 10:02 AM
0603207-007A	3/13/06	3/15/06	3/15/06 11:05 PM	0603207-008A	3/13/06	3/14/06	3/14/06 11:07 AM
0603207-009A	3/13/06	3/15/06	3/15/06 11:38 PM	0603207-010A	3/13/06	3/15/06	3/15/06 10:33 PM

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

DHS Certification No. 1644

QA/QC Officer

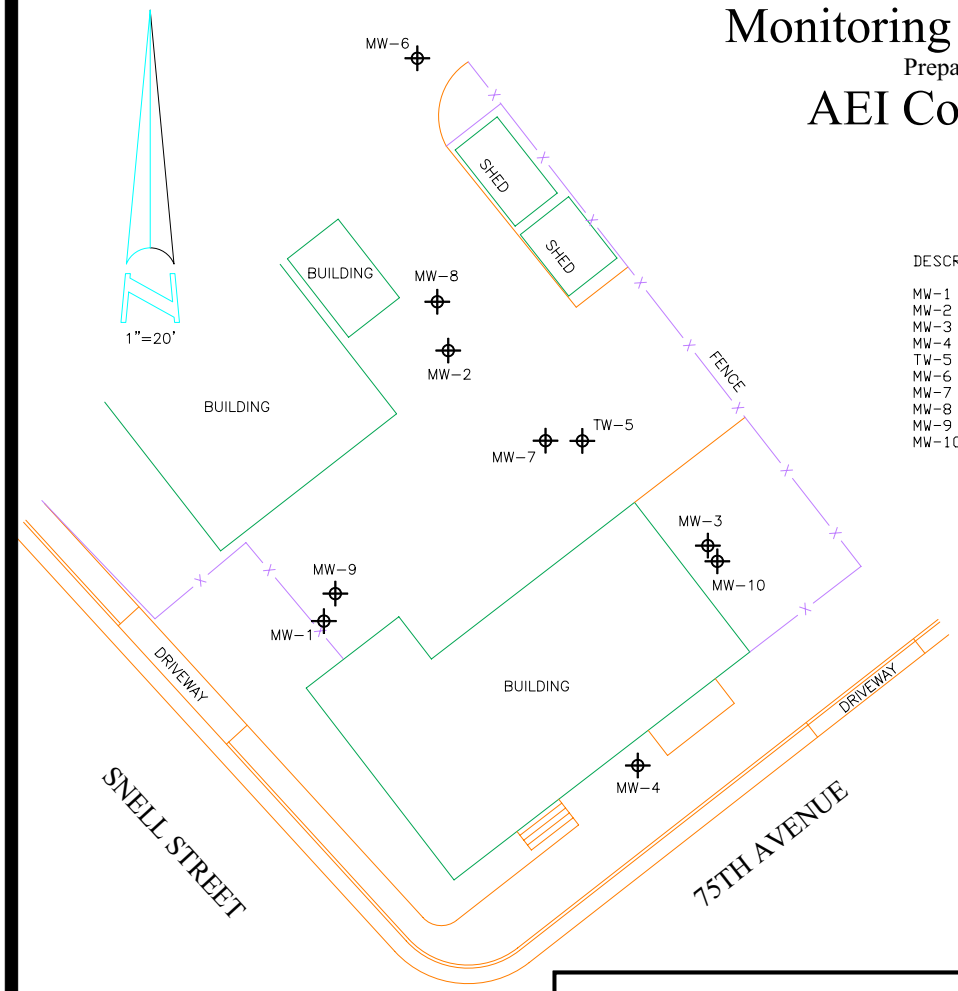
APPENDIX E

Well Elevation Survey Data

Monitoring Well Exhibit

Prepared For:

AEI Consultants



DESCRIPTION	NORTHING	EASTING	LATITUDE	LONGITUDE	ELEV (PVC)	ELEV (BOX)
MW-1	2100979.7	6071654.0	37.7527137	-122.1950042	10.68	11.28
MW-2	2101023.3	6071674.0	37.7528346	-122.1949375	12.15	12.55
MW-3	2100991.9	6071715.9	37.7527502	-122.1947906	10.40	10.67
MW-4	2100956.4	6071704.6	37.7526522	-122.1948275	10.31	10.56
TW-5	2101008.8	6071695.7	37.7527956	-122.1948617	11.58	11.69
MW-6	2101070.5	6071669.1	37.7529639	-122.1949577	12.35	12.74
MW-7	2101008.8	6071689.7	37.7527954	-122.1948823	11.16	11.64
MW-8	2101031.2	6071672.3	37.7528561	-122.1949441	12.42	12.57
MW-9	2100984.1	6071655.8	37.7527260	-122.1949980	11.22	11.41
MW-10	2100989.3	6071717.5	37.7527434	-122.1947852	10.31	10.60

BASIS OF COORDINATES AND ELEVATIONS:

COORDINATES ARE CALIFORNIA STATE PLANE ZONE 3 COORDINATES FROM GPS OBSERVATIONS USING UNIVERSITY OF CALIFORNIA BAY AREA DEFORMATION CORS STATION OBSERVATION FILES AND BASED ON THE CALIFORNIA SPATIAL REFERENCE CENTER DATUM, REFERENCE EPOCH 2000.35.

COORDINATE DATUM IS NAD 83(1986).

DATUM ELLIPSOID IS GRS80.

REFERENCE GEOID IS NGS96.

CORS STATIONS USED WERE BRIB AND CHAB.

ELEVATIONS ARE BASED ON OAKLAND BENCHAMRK NO. N-554. ELEVATION = 8.93'.

0 10 20 40 60

SCALE IN FEET

807 57th Street
Oakland
Alameda County
California

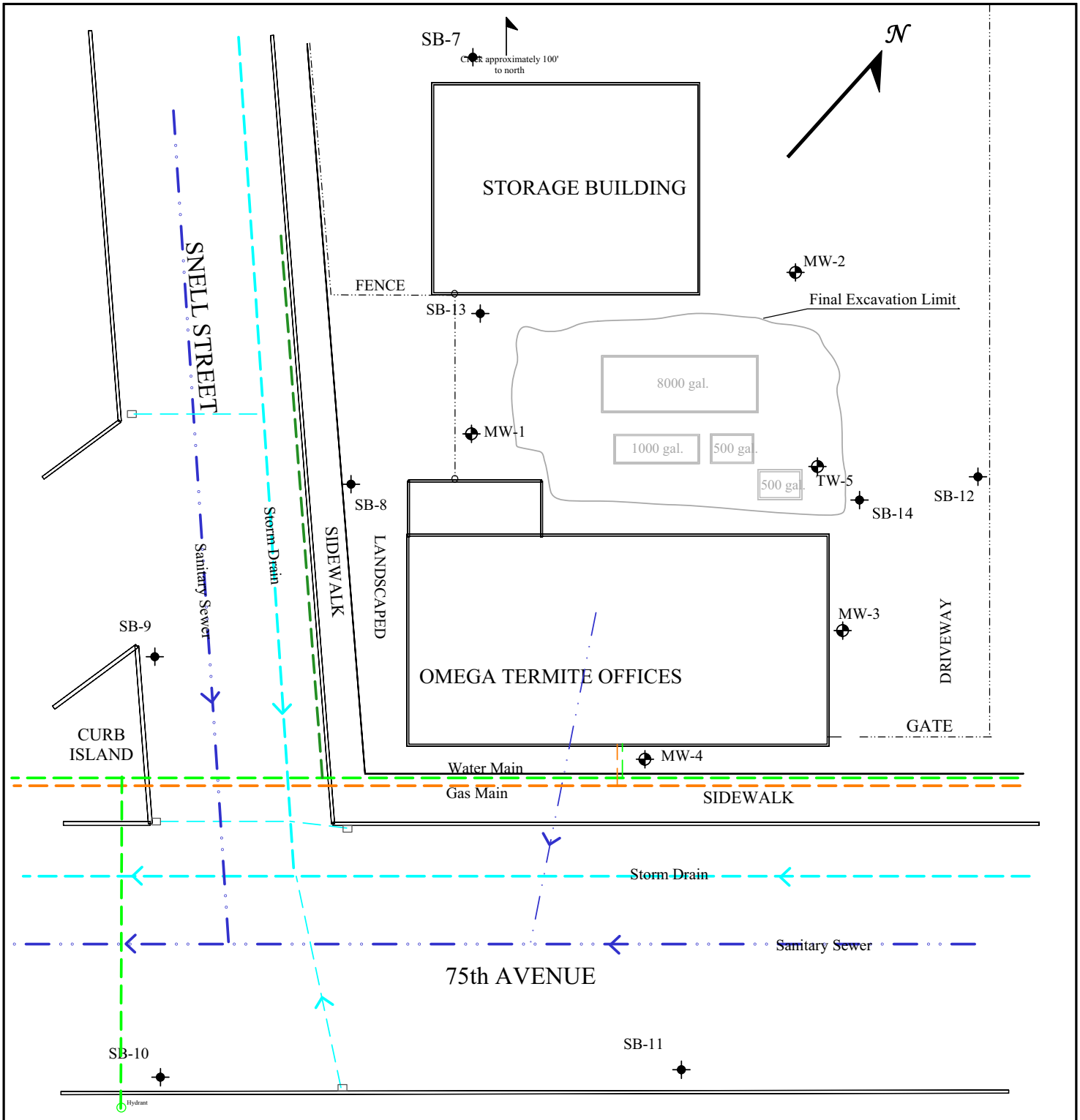
Morrow Surveying
LAND SURVEYORS

1450 Harbor Blvd. Ste. D
West Sacramento
California 95691
(916) 372-8124
curt@morrowsurveying.com

Date: 12-9-02
Scale: 1" = 20'
Sheet 1 of 1
Revised: 3-2-06
Field Book: MW-10,24
Dwg. No. 0116-003 CT

APPENDIX F

Sensitive Receptor Survey Data



LEGEND

0' 10' 20'

SCALE: 1in = 20 ft

- Sanitary Sewer
- Storm Drain
- Gas Main
- Water Main

Boring Locations
Shallow Zone Well

Base Drafted: R Flory 1/23/04

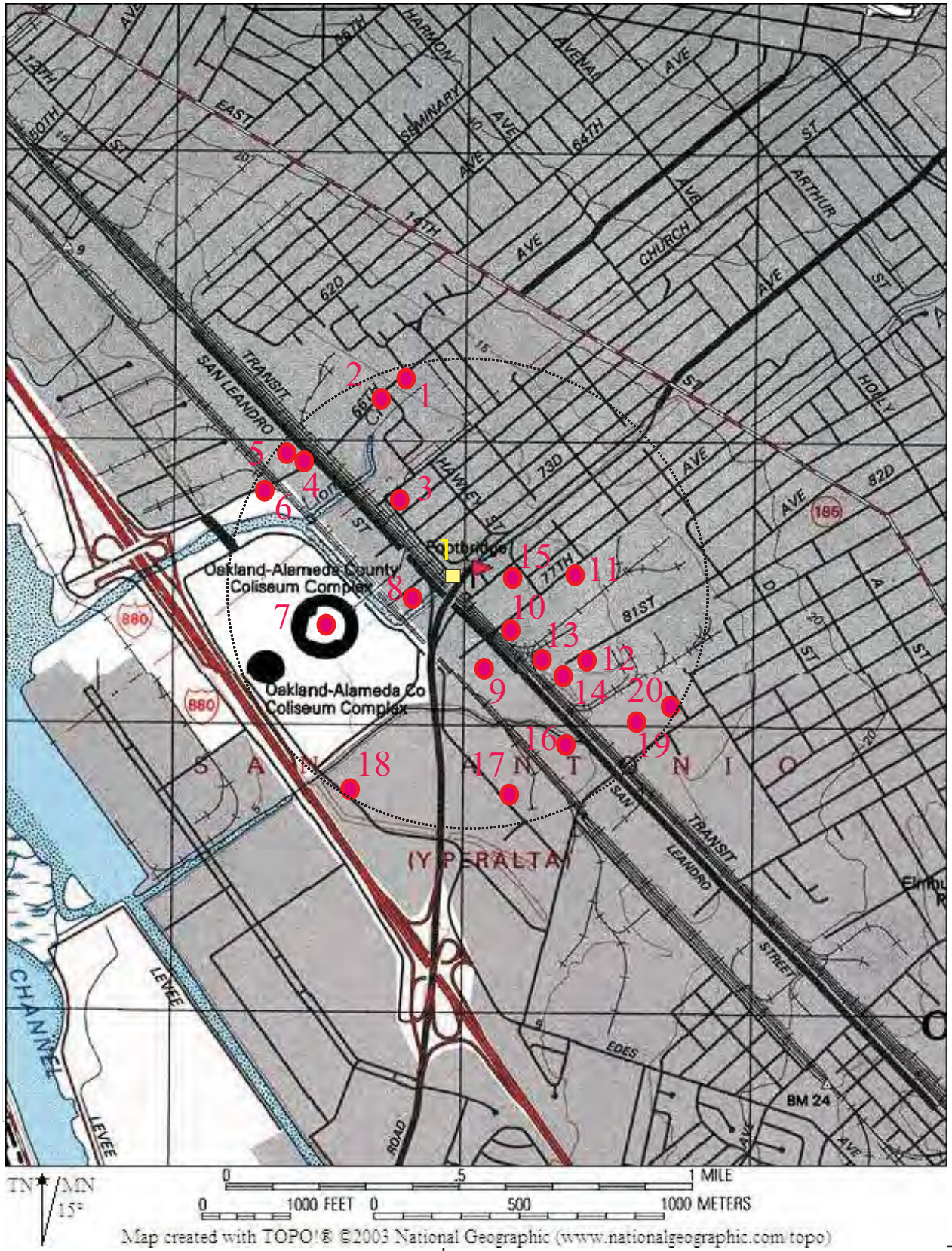
AEI CONSULTANTS

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

Potential Horizontal Conduits
Utilities With Trench Depths Deeper Than 3 Feet
Possibly Intersecting the Shallow Zone Groundwater

807 75th AVENUE
OAKLAND, CALIFORNIA

Project No. 115483



Well location - Table X

Sensitive receptor location - Table xx

AEI CONSULTANTS
2500 Camino Diablo, Suite 100, Walnut Creek, CA 94597

Well Within ½ Mile Radius

807 75th Ave
Oakland, CA

FIGURE X
Job No: 115483

WELLS LOCATED WITHIN 1/2 MILE OF SUBJECT SITE AND SENSITIVE RECEPTORS
Omega Termite, 807 75th Ave., Oakland, CA

Site Number	Location[1]	Site Name	Address	Well Number	Date Installed	Boring Depth (feet)	Well Depth (feet)	Surface Pipe (feet)	Casing Diameter (inches)	Completion	DTW (feet)	Pump Test	Comments
Wells Within 1/2 mile radius													
1	2S/3W/16G 01	General Electric Co	1034 66th Ave	1	NA	71	71	----	NA	NA	18.0		20' seal
2	2S/3W/16G 02	City of Oakland	1016 66th Ave	MW-1	02/07/91	20	20	----	4	6.0 - 20.0	9.0	----	
	2S/3W/16G 04			MW-2	02/08/91	21	21	----	4	8.0-21.0	9.0	----	
	2S/3W/16G 03			MW-3	02/07/91	20.5	20.5	----	4	10.0-20.0	10.0	----	
	2S/3W/16G 05			MW-4	07/15/91	21.4	21.4	----	4	6.0-21.4	5.0	----	
3	2S/3W/16K 01	Phillips	830-844 69th Ave	----	NA	17	17	10" unk	6	8.0-17.0	----	----	destroyed 4/15/91
4	2S/3W/16L 01	UNOCAL # 3135	845 66th Ave	MW1	04/26/90	23	23	----	2	5.0-23.0	14.5	----	
	2S/3W/16L 02			MW2	04/27/90	23	23	----	2	5.0-23.0	12.5	----	
	2S/3W/16L 03			MW3	04/26/90	22	23	----	2	4.0-22.0	10.5	----	
	2S/3W/16L 07			MW4	08/14/90	26	25	----	2	5.0-25.0	15	----	
	2S/3W/16L 08			MW5	08/14/90	26	26	----	2	6.0-26.0	13.5	----	
	2S/3W/16L 09			MW6	08/14/90	26	26	----	2	6.0-26.0	16.5	----	
	2S/3W/16L 13			MW8	09/29/92	23	23	----	2	6.0-23.0	13.5	----	
	2S/3W/16L 14			MW9	09/28/92	23	23	----	2	6.0-23.0	13.5	----	
	2S/3W/16L 15			MW10	09/28/92	23	23	----	2	5.0-23.0	13.5	----	
5	2S/3W/16L 04	7-UP Bottling	6506 San Leandro Blvd	MW1	08/09/90	15.5	11	----	2	6.0-11.0	5.0	----	
	2S/3W/16L 05			MW2	08/09/90	11.5	10.5	----	2	5.5-10.5	5.5	----	
	2S/3W/16L 06			MW3	08/09/90	12	11	----	2	6.0-11.0	NA	----	
	2S/3W/16L 10		6506 San Leandro St.	MW4	01/27/92	19.5	19.5	15	2/10	6.0-26.0	9.69	----	
	2S/3W/16L 11			MW5	01/27/92	30.5	30.5	15	2/10	6.0-26.0	10.72	----	
	2S/3W/16L 12			MW6	01/27/92	19.5	19.5	15	2/10	6.0-26.0	10.56	----	
6	2S/3W/16M 01	McGuire and Hester	796 66th Ave	MW-1	NA	31	29	----	2	5.0-29.0	5.5	----	Destroyed
	2S/3W/16M 02			MW-2	NA	27	25	----	2	4.5-27.0	5.5	----	Destroyed
	2S/3W/16M 03			MW-3	NA	36	26	----	2	7.5-26	9.5	----	Destroyed
	DWR 740177	Cruise America	796 66th Ave	MW-1	09/18/02	14	14	----	4	4.5-14.0	3.90	----	
	DWR 740178			MW-2	09/18/02	14	14	----	2	4.5-14.0	4.59	----	
	DWR 740181			MW-3	09/18/02	14	14	----	2	4.5-14.0	4.44	----	
	DWR 740180			MW-4	09/18/02	14	14	----	2	4.5-14.0	4.11	----	
	DWR 740179			MW-5	09/18/02	14	14	----	2	4.5-14.0	4.23	----	Sparge wells
	----			S-1	04/17/04	20	18	----	3/4	15.5-18.0	----	----	Sparge wells
	----			S-2	04/17/04	18	18	----	3/4	15.5-18.0	----	----	Sparge wells
	----			S-3	04/17/04	18.5	18.5	----	3/4	16.0-18.5	----	----	Sparge wells
	----			S-4	04/17/04	18	18	----	3/4	15.5-18.0	----	----	Sparge wells
	----			S-5	04/17/04	18.5	18.5	----	3/4	16.0-18.5	----	----	Sparge wells
	----			S-6	04/17/04	18	17	----	3/4	14.5-17.0	----	----	Sparge wells
	----			S-7	04/18/04	16.5	16.5	----	3/4	14.0-16.5	----	----	Sparge wells
	----			S-8	04/18/04	15	14	----	3/4	12.5-14.0	----	----	Sparge wells
	----			S-9	04/18/04	16.5	16.5	----	3/4	14.0-16.5	----	----	Sparge wells
	----			S-10	04/18/04	18	15	----	3/4	13.5-15.0	----	----	Sparge wells
	----			S-11	04/18/04	17	17	----	3/4	15.5-17.0	----	----	Sparge wells
	----			S-12	04/18/04	15	13.5	----	3/4	11.0-13.5	----	----	Sparge wells

WELLS LOCATED WITHIN 1/2 MILE OF SUBJECT SITE AND SENSITIVE RECEPTORS
Omega Termite, 807 75th Ave., Oakland, CA

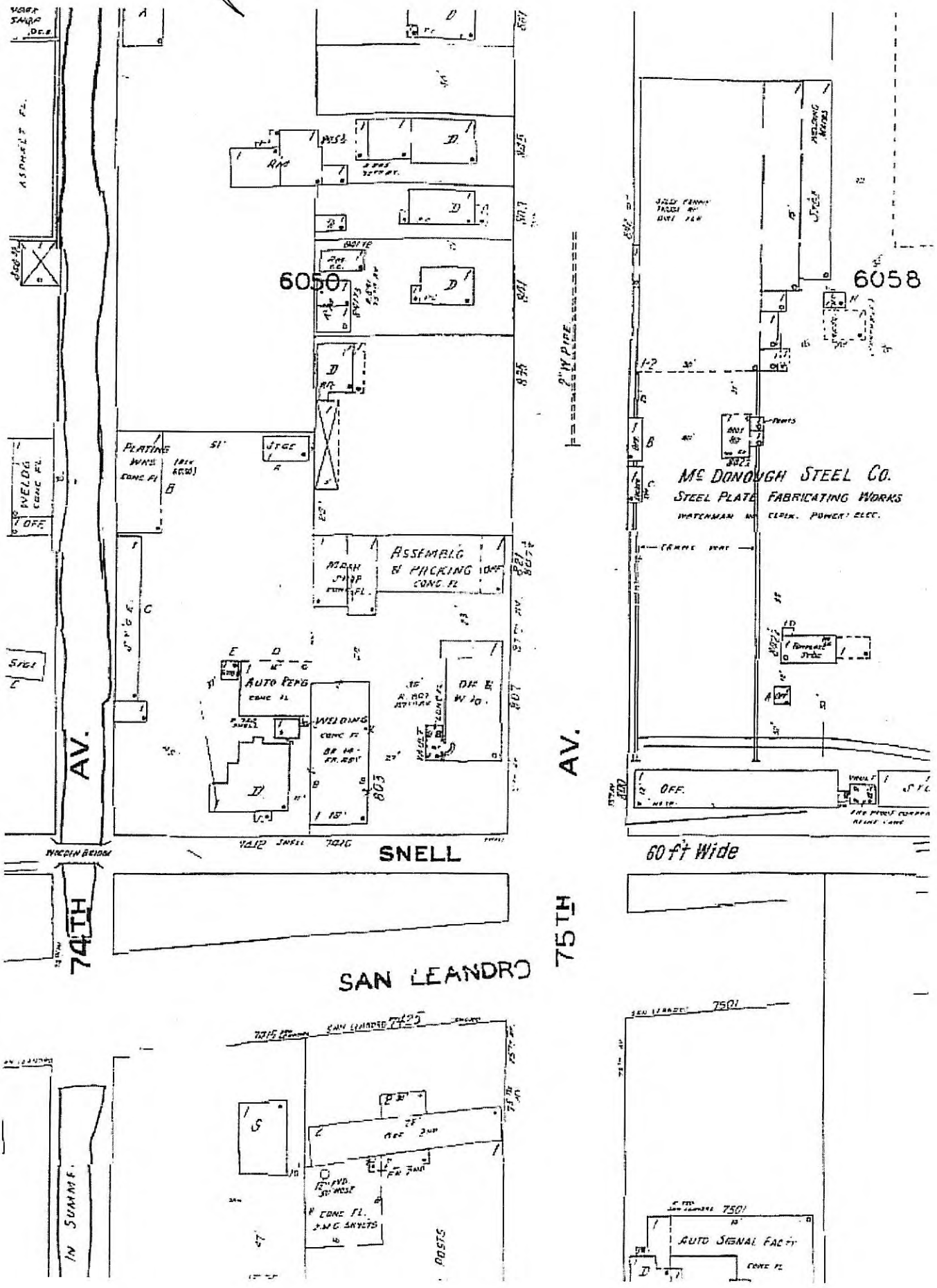
Site Number	Location[1]	Site Name	Address	Well Number	Date Installed	Boring Depth (feet)	Well Depth (feet)	Surface Pipe (feet)	Casing Diameter (inches)	Completion	DTW (feet)	Pump Test	Comments
Wells Within 1/2 mile radius													
7	2S/3W/16P 01	Oakland Coliseum	Hegenberger & I-880	OW-5A	09/07/90	74	74	----	4	54.0-74.0	NA	Yes	
	2S/3W/16P 02			OW-4A	09/06/90	100.5	100	----	4	80.0-100.0	18	Yes	
	2S/3W/16P 03			OW-1B	09/06/90	93.5	93	----	4	86.0-93.0	NA	Yes	
	2S/3W/16P 04			OW-5B	09/05/90	107	102	----	4	92.0-102.0	16.75	Yes	
	2S/3W/16P 05			OW-6B	09/09/90	77	72.5	----	4	50.5-7.25	18.85	Yes	
	2S/3W/16P 06			OW-2	09/04/90	86	82.5	----	4	62.0-82.0	14.44	Yes	
	2S/3W/16P 08			OW-1A	09/03/90	80	75.5	54.4	1/6	54.4-74.0	14.42	Yes	Double cased & perf
	2S/3W/16P 09			OW-4A	09/09/90	72	70	51	1/6	51.0-70.0	14.6	Yes	Double cased & perf
	2S/3W/16P 10			OW-7	09/10/90	100	72	----	4	52.0-72.0	NA	----	
	2S/3W/16P 11			OW-6A	09/06/90	100	97.5	----	4	77.5-97.5	18.6	Yes	
8	2S/3W/16Q 01	AeroQuality Plating/DHS		A-1	12/19/90	14.5	14.5	----	4	11.5-14.5	NA	----	
	2S/3W/16Q 02			A-2	12/20/90	27	24	----	4	14.5-24	NA	----	
	2S/3W/16Q 03			A-3	12/20/90	27	24	----	4	14.5-24	NA	----	
	2S/3W/16Q 04			B-1	01/18/91	66.5	63	25	4/12	53.0-63.0	NA	----	
	2S/3W/16Q 05			B-2	01/16/91	63	63	30	4/12	53.0-63.0	NA	----	
	2S/3W/16Q 06			B-3	01/16/91	69.5	67	30	4/12	57.0-67.0	NA	----	
9	2S/3W/16R 01	Amer. Brass & Foundry	7825 San Leandro St.	W-1429	04/04/77	510	495	50	14/30	176.0-495.0	92.5	1000 gpm	Water well
	2S/3W/16R 16	Amer. Brass & Iron		MW-1	02/09/93	23	20	----	2	10.0-20.0	5	----	
	2S/3W/16R 17			MW-2	02/09/93	17	17	----	2	8.0-17.0	5	----	
	2S/3W/16R 18			MW-3	02/09/93	19.5	19	----	2	9.0-19.0	NA	----	
	2S/3W/16R 19			MW-4	02/09/93	26.5	15	----	2	10.0-25.0	6.3	----	
	2S/3W/16R 23			MW-4	02/09/93	18	17	----	2	7.0-17.0	9.3	----	
10	2S/3W/16R 02	County Recycling Services	800 77th Ave	GX-153A	01/27/84	26	26	----	8	6.0-26.0	8.8	----	
11	2S/3W/16R 03	Chip & Steak (Vao Cheney)	958 77th Ave	MW-1	08/09/89	19.8	18.5	----	2	7.0-18	7.3	----	
	2S/3W/16R 04			MW-2	08/09/89	24.5	23	----	2	8.0-23.0	7.45	----	
	2S/3W/16R 05			MW-3	08/09/89	24.5	24.5	----	2	9.0-24.5	7.61	----	
12	2S/3W/16R 08	Samura Trust	860 81st	MW-1	04/08/92	20	20	----	2	5.0-20	NA	----	
	2S/3W/16R 09			MW-2	04/08/92	20	20	----	2	5.0-20	NA	----	
	2S/3W/16R 10			MW-3	04/08/92	20	20	----	2	5.0-20	NA	----	
13	2S/3W/16R 11	Sunshine Biscuits	851 81st Ave.	MW-1	07/23/91	36	35	----	4	10.0-35.0	NA	----	
	2S/3W/16R 12			MW-2	07/23/91	36	35	----	4	9.0-34.0	NA	----	
	2S/3W/16R 13			MW-3	07/22/91	36	35	----	4	10.0-35.0	NA	----	
	2S/3W/16R 14			MW-4	07/22/91	36	35	----	4	10.0-35.0	NA	----	
14	2S/3W/16R 06	Mother Cookies	810 81nst Ave	MW-1	04/16/92	37	36.5	----	4	6.0-36.0	6.17	----	
	2S/3W/16R 07			MW-2	04/16/92	37	26.5	----	4	5.0-25.0	6.12	----	
	2S/3W/16R 15			MW-3	04/16/92	37	26.5	----	4	5.0-25.0	6.12	----	
	2S/3W/16R 20			MW-4	10/28/92	25	NA	----	2	NA	NA		
	2S/3W/16R 21			MW-5	10/28/92	26	24.5	----	2	4.5-24.5	3.5	----	

WELLS LOCATED WITHIN 1/2 MILE OF SUBJECT SITE AND SENSITIVE RECEPTORS
Omega Termite, 807 75th Ave., Oakland, CA

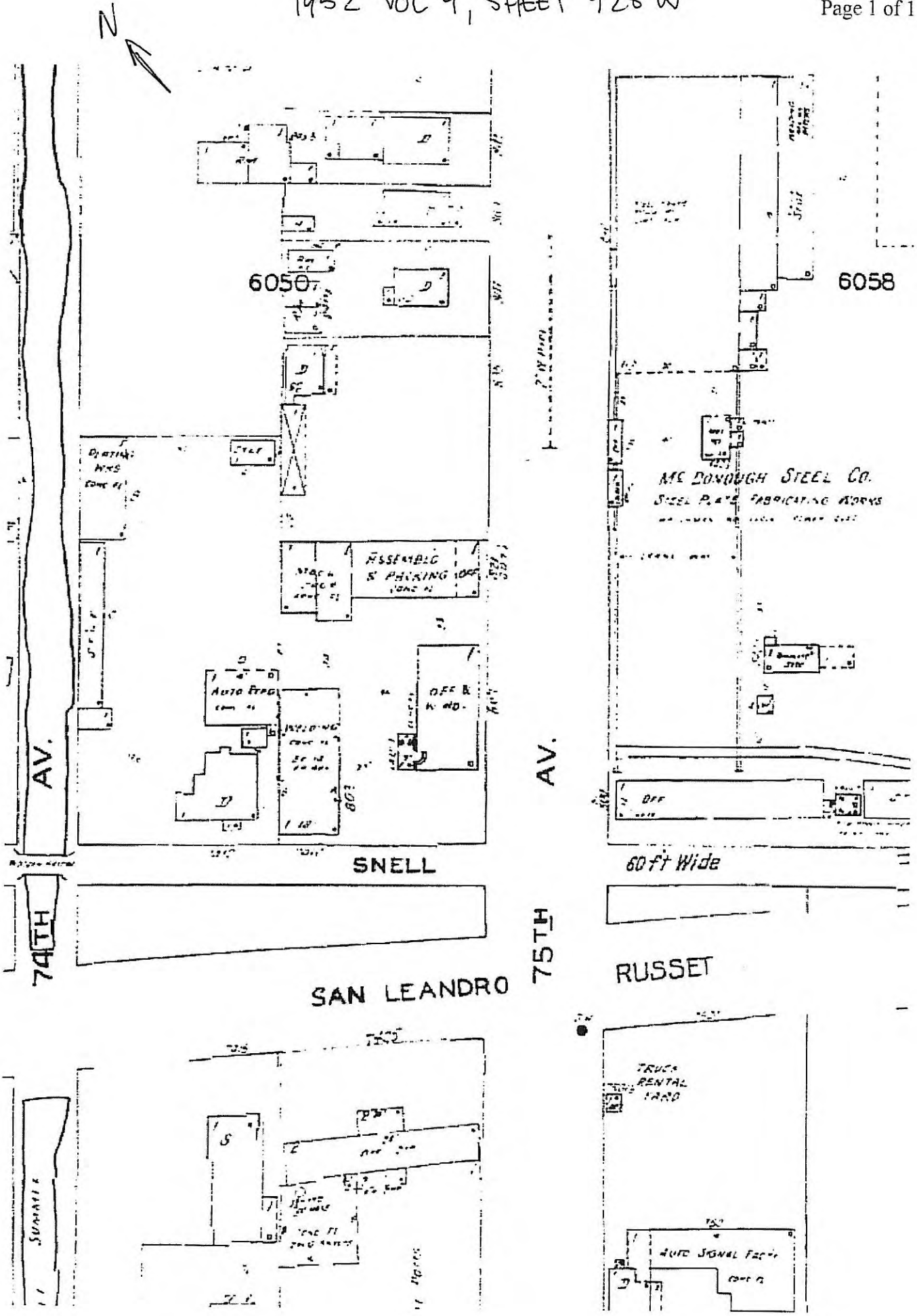
Site Number	Location[1]	Site Name	Address	Well Number	Date Installed	Boring Depth (feet)	Well Depth (feet)	Surface Pipe (feet)	Casing Diameter (inches)	Completion	DTW (feet)	Pump Test	Comments
Wells Within 1/2 mile radius													
15	2S/3W/16R 23	Amer. Brass & Iron	865 77th Ave	MW-1	11/16/92	18	17	----	2	7.0-17.0	9.3	----	
16	2S/3W/21A 02	Mr. Nissin Saidian	8255 San Leandro St.	MW-1	06/24/93	15	15	----	2	3.0-15.0	NA	----	
17	2S/3W/21B 01	Former Morris Equipment Yard	8304 Baldwin St	MW-1	09/30/99	23	20	----	2	6.0-20.0	NA	----	
18	2S/3W/21C 01	Malibu Grand Prix	8000 S. Coliseum Dr.	MW-1	09/20/89	20	10.5	----	4	6.0-10.0	6.5	----	
	2S/3W/21C 02			MW-2	09/20/89	20	16	----	4	5.0-15.0	7.38	----	
	2S/3W/21C 03			MW-3	09/20/89	20	17	----	4	5.0-15.0	9.1	----	
	2S/3W/21C 04			MW-4	09/21/89	15	14	----	4	4.0-14.0	5.45	----	
	2S/3W/21C 05			MW-5	06/12/90	20	19.5	----	4	4.0-19.0	10.23	----	
	2S/3W/21C 06			MW-6	06/12/90	20	19	----	4	4.0-19.0	9.93	----	
	2S/3W/21C 07			MW-7	06/12/90	20	19.5	----	4	4.5-19.5	10.28	----	
	2S/3W/21C 08			MW-8	06/12/90	20	19.5	----	4	4.5-19.5	3.82	----	
	2S/3W/21C 09			MW-9	06/13/90	20	15	----	4	4.5-15.0	4.8	----	
	2S/3W/21C 10			MW-10	06/13/90	20	19	----	4	4.0-19.0	5.91	----	
	2S/3W/21C 11			MW-11	08/28/91	25	20	----	4	3.5-19.0	10 ?	----	
	2S/3W/21C 12			MW-12	08/28/91	25	20	----	4	4.5-20.0	10 ?	----	
	2S/3W/21C 13			MW-13	08/28/91	25	20	----	4	4.5-20.0	10 ?	----	
	2S/3W/21C 14			MW-14	08/27/91	25	20	----	4	4.5-20.0	10 ?	----	
	2S/3W/21C 15			MW-15	08/29/91	25	19	----	4	3.5-19.0	10 ?	----	
	2S/3W/21C 16			MW-16	08/29/91	20	18.5	----	4	3.5-18.5	10 ?	----	
	2S/3W/21C 17			MW-17	08/30/91	25	19.5	----	4	3.5-19.0	10 ?	----	
	2S/3W/21C 18			MW-18	08/29/91	21	21	----	4	5.0-20.0	10 ?	----	
19	2S/3W/22D 02	Lincoln Property Co	85th & San Leandro	MW-1	10/08/86	19.5	19.5	----	4	9.0-19.5	10.9	----	Destroyed
	2S/3W/22D 03			MW-2	10/08/86	19.5	19.5	----	4	9.0-19.5	8.5	----	Destroyed
	2S/3W/22D 04			MW-3	10/08/86	19.5	19.5	----	4	9.0-19.5	8.25	----	Destroyed
20	2S/3W/22D 08	Crosby&Overton/Driesbach Assoc.	3410 Amelia St	MW-1	06/30/88	30	30	----	4	10.0-25.0	10.2	----	

1: Township, Range, Section

Sensitive Receptors
1 Arroyo creek North Boundry of property

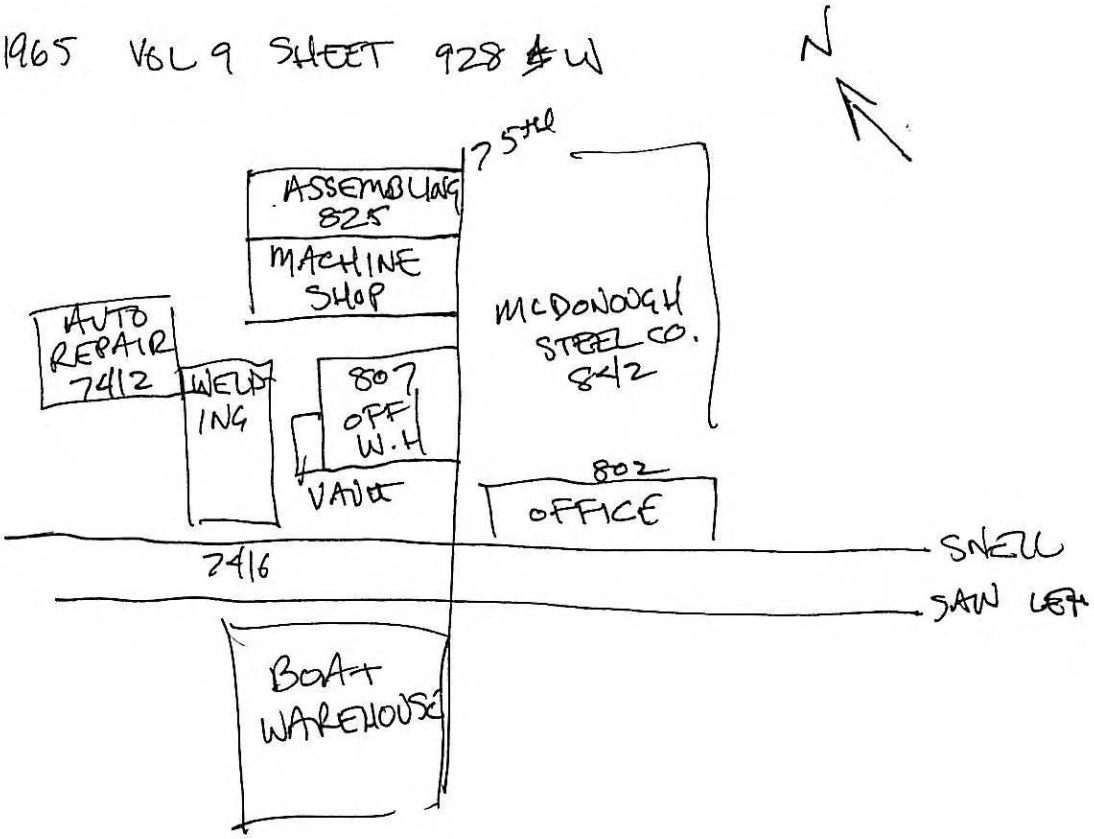

6050
6058
McDONOUGH STEEL CO.
STEEL PLATE FABRICATING WORKS
ASSEMBLG & PACKING
PLATING
AUTO REPG
WELDING
OFF.
SNELL
74TH
75TH
AV.
SAN LEANDRO
60 ft Wide
AUTO SIGNAL FACTY
IN SUMMER

1952 VOL 9, SHEET 928 W

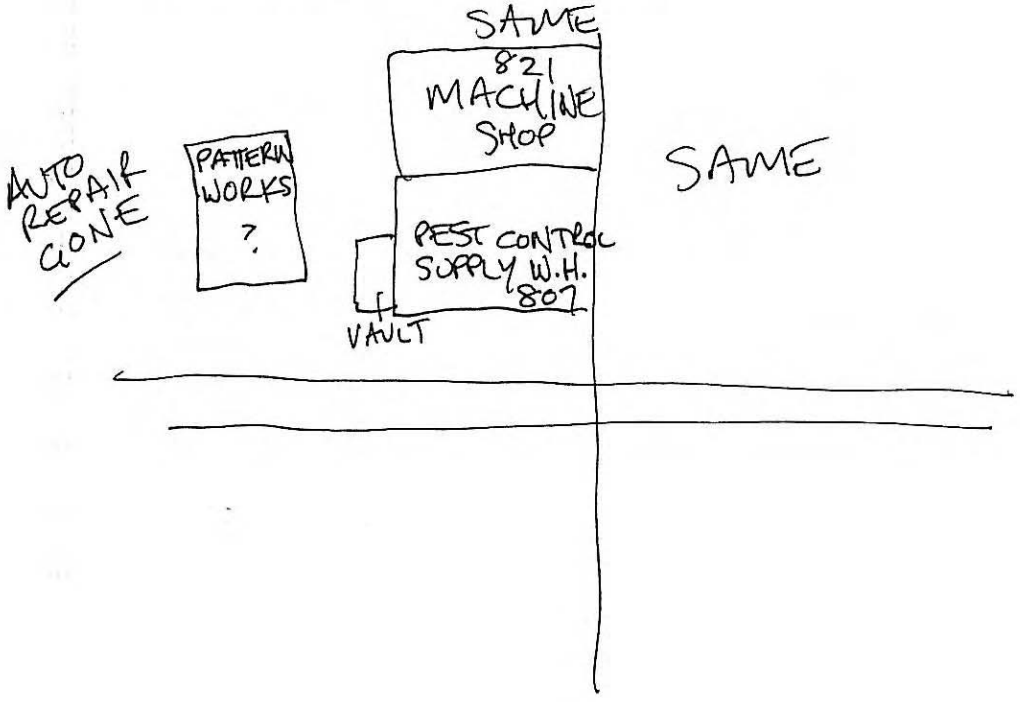


Sanborne

1965 VOL 9 SHEET 928 W



1969 VOL 9 SHEET 928 W



City Directory

4.19.01

OAKLAND PUBLIC LIBRARY

807 75th AVE, OAKLAND

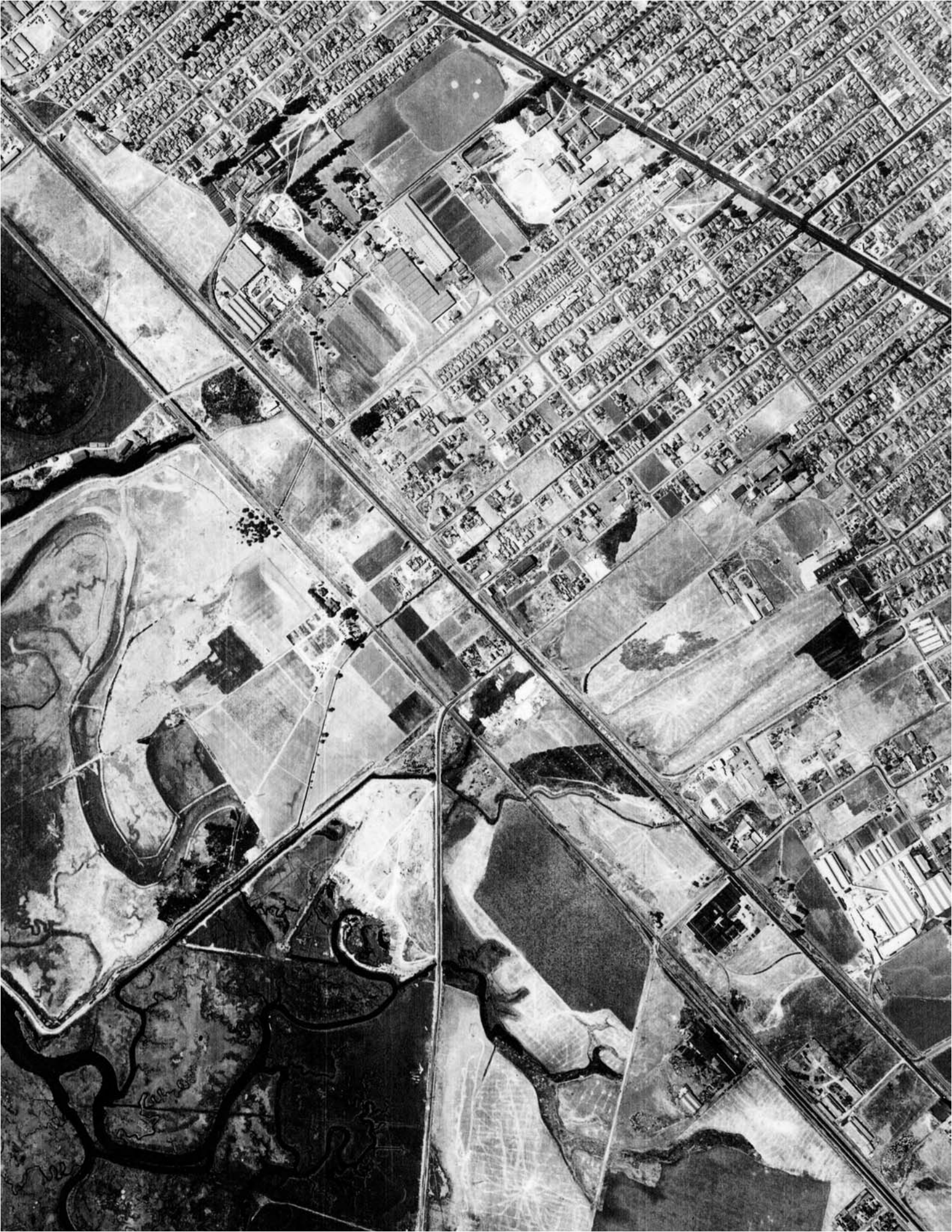
1973	FIRST TERMITE CONTROL
	MORRIS GLADSTEIN
1979	FIRST TERMITE CONTROL
	MORRIS GLADSTEIN
1985	OMEGA TERMITE CONTROL
1990	OMEGA PEST CONTROL
1995	OMEGA PEST CONTROL
2000	OMEGA PEST CONTROL
	ALLAN KANADY
2004	OMEGA PEST CONTROL

APPENDIX G

Aerial Photos

GeoSearch Aerial Photos
Omega Termite, 807 75th Ave., Oakland, CA

Photo Date	Source	Scale	File Format
08/02/39	Fairchild	1' = 700'	PDF
07/29/46	USGS	1' = 700'	PDF
08/13/58	ASCS-USDA	1' = 700'	PDF
05/14/65	Cartwright Aerial Surveys	1' = 700'	PDF
07/05/82	USGS	1' = 700'	PDF
07/02/87	USGS	1' = 700'	PDF
7/10/1993	USGS	1' = 700'	PDF
9/13/1998	USGS	1' = 700'	PDF

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