

February 20, 2002

Mr. Barney Chan
ACHCSA
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

1650 / RO
508

FEB 25 2002

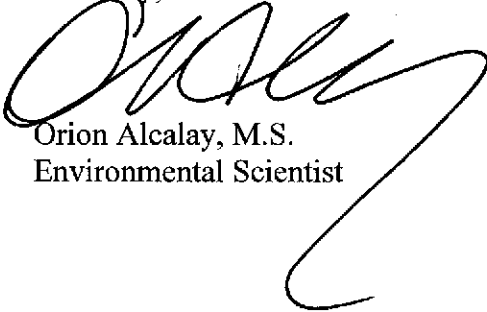
Subject: Quarterly Groundwater Monitoring Report Sept. '01 and Feb. '02
807 75th Avenue
Oakland, CA 95621
AEI Project No. 3190

Dear Mr. Chan:

Enclosed is the report documenting the findings of the eighth and ninth sampling episodes.

Please call Mr. Peter McIntyre at (925) 283-6000 if you have any questions.

Sincerely,



Orion Alcalay, M.S.
Environmental Scientist

February 20, 2002

FEB 25 2002

**QUARTERLY GROUNDWATER MONITORING
REPORT**

*Eighth and Ninth Episodes
September 2001 and February 2002*

807 75th Avenue
Oakland, CA

Project No. 3190

Prepared For

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

Prepared By

AEI Consultants
3210 Old Tunnel Road, Suite B
Lafayette, CA 94549
(800) 801-3224

AEI



February 20, 2002

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

RE: Quarterly Groundwater Monitoring and Sampling Report
Eighth and Ninth Sampling Episodes-September 2001 and February 2002
807 75th Avenue
Oakland, California
Project No. 3190

Dear Mr. Kanady:

AEI Consultants (AEI) has prepared this report to document the results of the eighth and ninth episodes of groundwater sampling at the above referenced site (Figure 1: Site Location Map). This groundwater investigation has been performed in accordance with the requirements of the Alameda County Health Care Services Agency (ACHCSA). The purpose of this activity is to monitor groundwater quality in the vicinity of the previous locations of the underground storage tanks at the site. This report presents the findings of the eighth and ninth sampling episodes of groundwater monitoring and sampling conducted on September 19, 2001 and February 6, 2002.

Site Description and Background

The property is located on the northern corner of Snell Street and 75th Avenue in the City of Oakland. The site currently supports the operation of Omega Termite Control (Figure 1: Site Location Map).

On September 15, 1996, three gasoline underground storage tanks (USTs) were removed from the property by AEI. The tanks consisted of one 500-gallon, one 1,000-gallon and one 8,000-gallon tank. The former locations of the USTs are shown in Figure 2.

Soil samples were collected from beneath the 500-gallon and 1,000-gallon gasoline tanks and from the three sidewalls of the 8,000-gallon tank excavation. Concentrations of total petroleum hydrocarbons as gasoline (TPH-g) were present in the soil beneath the 500-gallon UST at concentrations of 4,300 mg/kg. Minor concentrations (41 mg/kg) of TPH-g were present beneath the 1,000-gallon tank. The three sidewall samples collected from the 8,000-gallon tank excavation indicated concentrations of TPH-g above 100 mg/kg were present in the western and northwestern samples.

Corporate Headquarters

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Groundwater was encountered during the excavation of the 8,000-gallon tank. A groundwater grab sample collected from the excavation indicated significant concentrations of petroleum hydrocarbon contaminants (Ref. # 1).

AEI issued a workplan, dated January 10, 1997, to the Alameda County Health Care Services Agency (ACHCSA). The workplan defined the extent and magnitude of petroleum hydrocarbon contamination in the vicinity of the former tanks. Six soil borings were advanced on January 31, 1997. This investigation indicated that groundwater was impacted with up to 27,000 µg/L of TPH-g and 5,000 µg/L of benzene. Significant concentrations of TPH-g were also detected in the soil up to ten feet bgs from the excavation (Ref. # 2).

In response to a request by the ACHCSA for further investigation at the site, AEI submitted a workplan to the ACHCSA on May 21, 1999 for the installation and subsequent sampling of four groundwater monitoring wells at the site (Ref. # 3). This workplan was approved by Barney Chan of the ACHCSA and the four wells were installed in June, 1999 (Ref. # 4).

On March 16, 2000, the former UST excavation was expanded to remove soil contaminated with gasoline. Prior to removal of the soil, the water that was in the excavation was pumped into a Baker tank and stored on-site. The excavation was expanded in all directions. The contaminated soil was stockpiled on the north portion of the property and covered with Visqueen®. During the over-excavation activities, a 500-gallon UST was discovered on the east corner of the excavation. The tank was removed, and additional contaminated soil was removed from the area of the former tank.

As requested by the ACHCSA, AEI installed a 10-foot length of 4-inch ID PVC pipe in the area of the former UST to act as a temporary extraction well (TW-5).

The analytical results of the current and prior groundwater sampling episodes are included in Table 2.

Summary of Activities

AEI measured the depth to groundwater and collected water samples from the four wells (MW-1 through MW-4) and the temporary extraction well (TW-5) on September 19, 2001 and February 6, 2002. The well locations are shown in Figure 2. The depths from the top of the well casings were measured prior to sampling with an electric water level indicator. Well TW-5 was checked with an oil/water interface probe. The wells were purged using a battery powered submersible pump, and a groundwater sample was collected from each well using clean, disposable Teflon bailers.

Temperature, pH, specific conductivity and dissolved oxygen were measured during the purging of the wells. Once these parameters stabilized, a water sample was collected. AEI removed at least 4 well volumes.

Water was poured from the bailers into 40 ml VOA vials and 1-Liter amber bottles and capped so that neither head space nor air bubbles were visible within the sample containers. Samples were shipped on ice under proper chain of custody protocol to McCampbell Analytical, Inc. of Pacheco, California (State Certification #1644).

Groundwater samples from the five wells were submitted for chemical analysis for TPH-g (EPA Method 5030/8015), methyl tertiary butyl ether (MTBE) (EPA Method 8020/602), benzene, toluene, ethylbenzene, and xylenes (BTEX) (EPA Method 8020/602). Additionally, the sample from TW-5 was analyzed for TPH as diesel and TPH as motor oil (EPA Method 8015/3550).

Field Results

Hydrocarbon odor was observed in all of the wells during the September and February sampling episodes. In particular, a viscous hydrocarbon sheen was also observed in the temporary extraction well TW-5 during well purging activities; however, no reasonable thickness of product was noted in this well during either episode. Due to the inaccessibility of well MW-1, no purging and/or sampling activities were performed for the February episode. Groundwater levels for the September and February sampling episodes ranged from -0.57 to -0.38 feet below Mean Sea Level (MSL) and -.06 to .23 feet below MSL, respectively. The groundwater elevations for the September episode were an average of 0.28 feet lower than the May sampling episode. The groundwater elevations for the February episode were an average of 0.52 feet higher than the September episode. The direction of the groundwater flow for the September episode was towards the south with a gradient of .004 foot per foot (ft/ft). Due to the inaccessibility of well MW-1, the calculated direction of groundwater flow and corresponding gradient may be skewed for the February episode; however, utilizing groundwater elevations for wells MW-2 through MW-4, the direction of groundwater flow was to the southeast with a gradient of 0.005 ft/ft.

Groundwater elevation data are summarized in Table 1. The groundwater elevation contours and the groundwater flow direction are shown in Figures 3 and 4. Refer to Appendix B for the Groundwater Monitoring Well Field Sampling Forms.

Groundwater Quality

Concentrations of TPH-g and BTEX remained elevated in all wells during the September and February sampling episodes. During the September episode, TPH-g and BTEX decreased in wells MW-1 through MW-4 when compared to the previous sampling episode; however, during the February episode, these constituents increased when compared to the September episode.

The temporary extraction well TW-5, exhibited a significant increase in all analyzed petroleum hydrocarbon constituents during the September episode. Concentrations of TPH-g, TPH-d, and TPH-mo were detected up to 15,000 ug/L, 2,700,000 ug/L, and 1,100,000 ug/L, respectively. In particular, concentrations of MTBE which were previously non detect, were present at 530 ug/L. *✓ methyl*
In contrast, all analyzed petroleum hydrocarbon constituents in well TW-5 decreased significantly during the February episode.

Dissolved oxygen (DO) and reduction/oxidation potential (Redox) have been monitored during recent episodes. Very low DO concentrations were found in all four monitoring wells (average DO 2/6/02: MW-2 = 0.28 mg/L, MW-3 = 0.16 mg/L, and MW-4 = 0.39 mg/L). In addition, the Redox measurements were all strongly negative (reducing conditions) during the September 2001 episode.

A summary of groundwater quality data is presented in Table 2. Laboratory results and chain of custody documents are included in Appendix B.

Conclusions

Hydrocarbon concentrations in the four monitoring wells (MW-1 through MW-4) appear relatively stable since monitoring was initiated, with decreasing trends observed in BTEX concentrations observed in MW-2 and MW-3. Higher concentration variability is observed in MW-1 and MW-4.

The concentrations of TPH as diesel and TPH as motor oil in well TW-5 are well above saturation ranges for diesel and oil range products and is indicative of free phase liquid present in this area.

The very low dissolved oxygen concentrations (generally less than 0.10 mg/l in September 2001) reveals that aerobic hydrocarbon degradation may have occurred in the groundwater system. Alternatively, the site is located in an area characterized as a groundwater discharge area, not receiving groundwater with higher oxygen content, as would occur in a farther up gradient recharge area. In either case, it is unlikely that further aerobic hydrocarbon degradation will occur due to the absence of sufficient oxygen in the groundwater system. This suspected lack of significant aerobic degradation is supported by the relatively stable hydrocarbon concentrations exhibited since sampling inception.

Groundwater monitoring and sampling of the five wells will continue, with the next episode scheduled for May 2002. Based on the very high hydrocarbon concentrations present in TW-5, further investigation may be necessary to determine the extent of heavier range dissolved hydrocarbons and determine whether source material remains in the soil. Prior to the site being made eligible for closure, a determination of the extent of the TPH as gasoline / BTEX plume may also be necessary.

References

1. Underground Storage Tank Removal Final Report, prepared by AEI – October 10, 1996
2. Phase II Soil and Groundwater Investigation Report, prepared by AEI – March 17, 1997
3. Workplan, prepared by AEI – May 21, 1999
4. Soil Boring and Groundwater Monitoring Well Installation Report, prepared by AEI-September 16, 1999
5. Quarterly Groundwater Monitoring and Sampling Report, prepared by AEI-July 28, 2000.
6. Quarterly Groundwater Monitoring and Sampling Report, prepared by AEI-November 3, 2000.
7. Quarterly Groundwater Monitoring and Sampling Report, prepared by AEI-February 7, 2001.
8. Quarterly Groundwater Monitoring and Sampling Report, prepared by AEI-July 2, 2001.

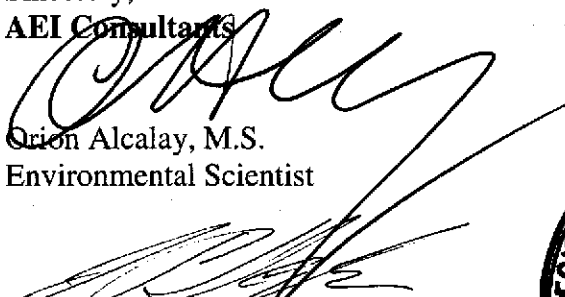
Report Limitations and Signatures


This report presents a summary of work completed by AEI Consultants, including observations and descriptions of site conditions. Where appropriate, it includes analytical results for samples taken during the course of the work. The number and location of samples are chosen to provide required information, but it cannot be assumed that they are entirely representative of all areas not sampled. All conclusions and recommendations are based on these analyses, observations, and the governing regulations. Conclusions beyond those stated and reported herein should not be inferred from this document.

These services were performed in accordance with generally accepted practices in the environmental engineering and construction field which existed at the time and location of the work.

Please contact the undersigned or Peter McIntyre for questions regarding the findings outlined in this report.

Sincerely,
AEI Consultants


Orion Alcalay, M.S.
Environmental Scientist


J. P. Derhake, PE
Principal

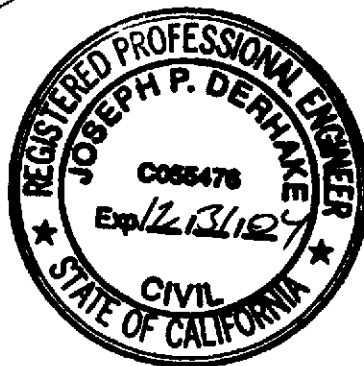


Figure 1 Site Location Map
Figure 2 Site Plan
Figure 3 Groundwater Contour Map

Table 1 Groundwater Elevations
Table 2 Groundwater Sample Analytical Results

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

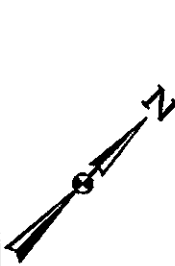
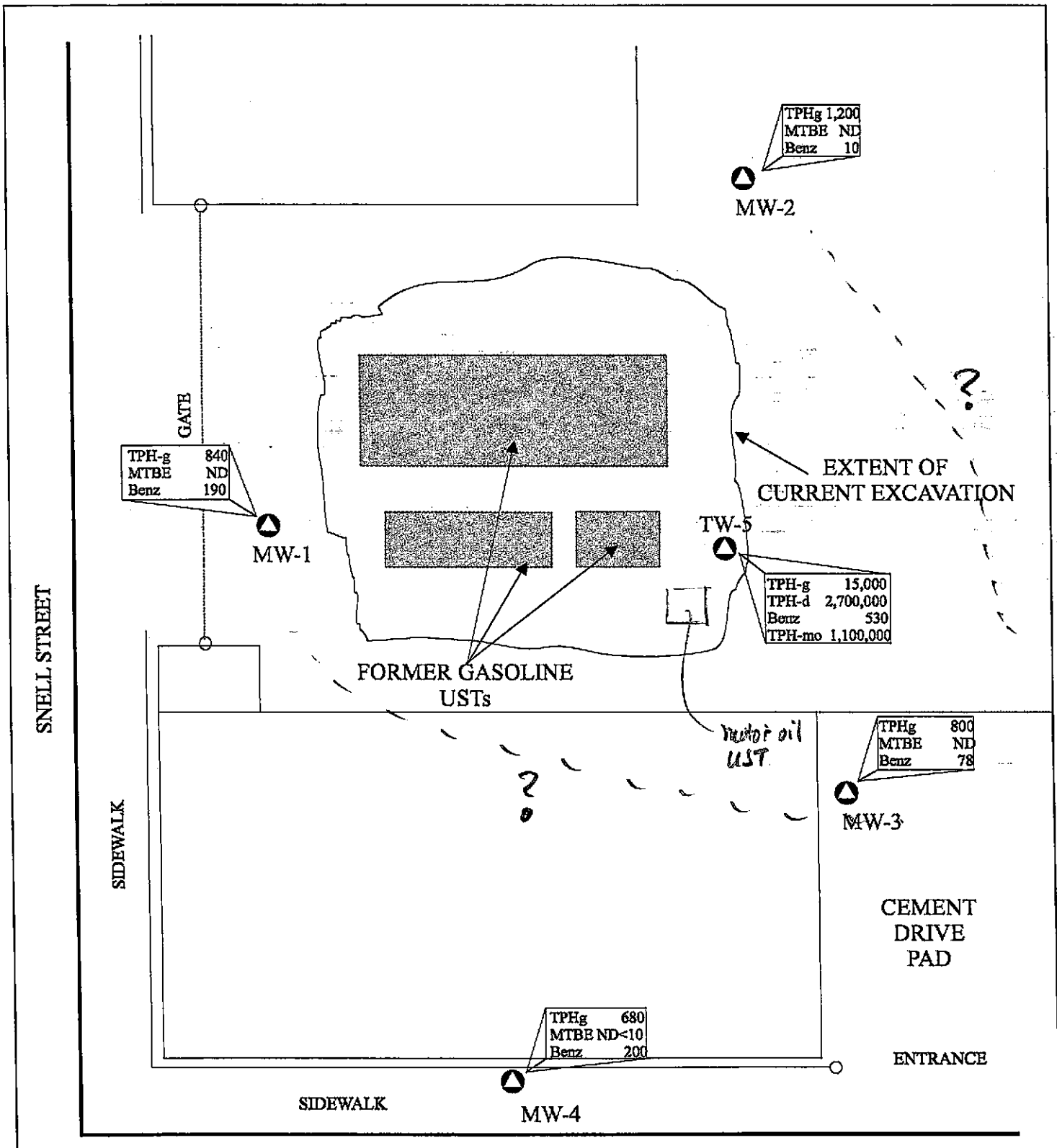
cc: Mr. Barney Chan, ACHCSA, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502



TN * MN
15 1/2°

0 5 1 MILE
0 1000 FEET 0 500 1000 METERS
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AEI CONSULTANTS 3210 OLD TUNNEL RD, STE B, LAFAYETTE, CA	
SITE LOCATION MAP	
807 75 TH STREET OAKLAND, CALIFORNIA	FIGURE 1 PROJECT No. 3190



MONITORING WELL LOCATIONS & IDENTIFICATION

TPHg = Total Petroleum Hydrocarbons as gasoline
 TPHd = Total Petroleum Hydrocarbons as diesel
 MTBE = Methyl tertiary butyl ether
 Benz = Benzene
 TPHmo = Total Petroleum Hydrocarbons as motor oil
 Groundwater results expressed in µg/L.

SCALE: 1 IN = 10 FT

AEI CONSULTANTS
 3210 OLD TUNNEL ROAD, SUITE B, LAFAYETTE, CA
GROUNDWATER ANALYTICAL RESULTS
SEPTEMBER 2001

807 75th AVENUE OAKLAND, CALIFORNIA	FIGURE 2
--	-----------------

SNELL STREET

SIDEWALK

GATE

FORMER GASOLINE USTs

CEMENT DRIVE PAD

ENTRANCE

SIDEWALK

← TO SAN LEANRO AVENUE

75th AVENUE

(-0.38)



MW-2

(-0.51)



MW-1



TW-5

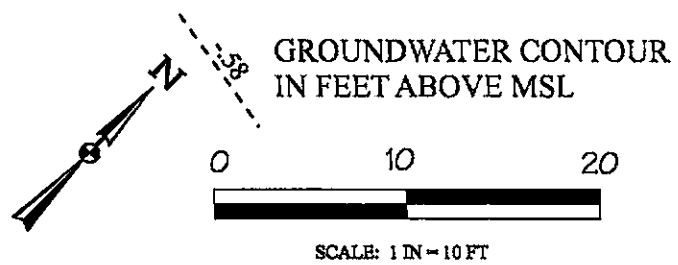
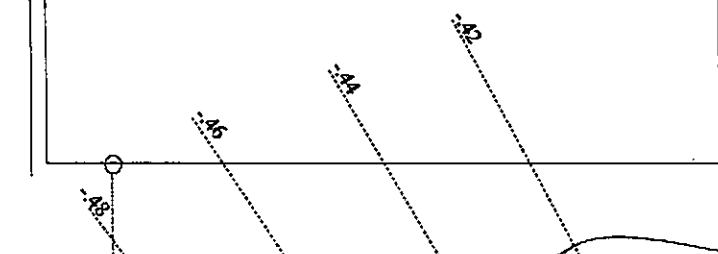
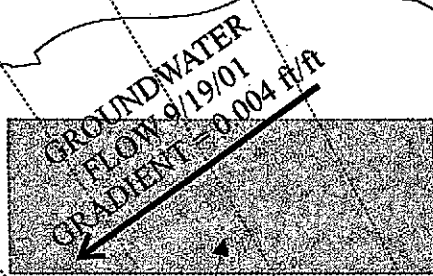
(-0.41)



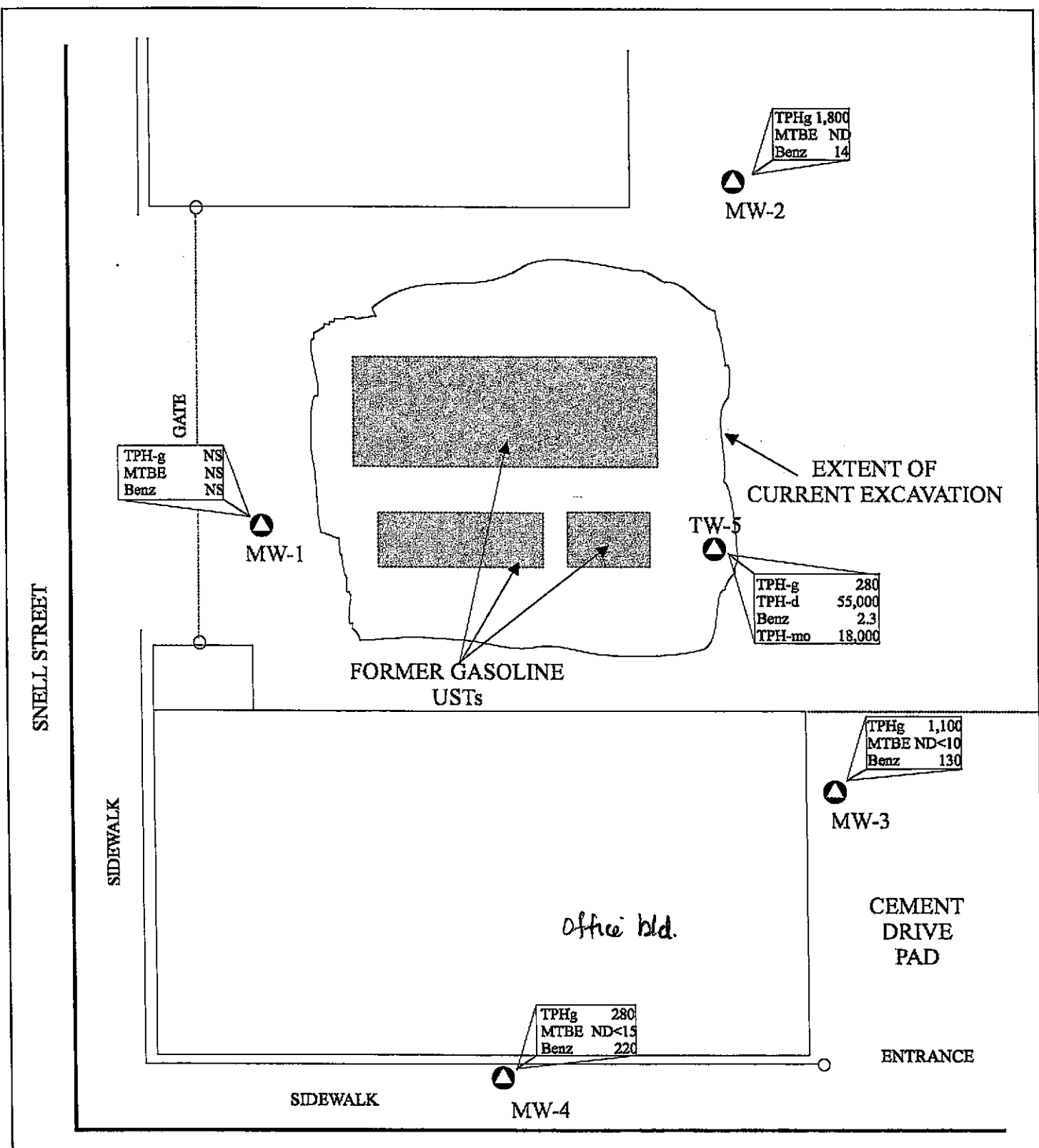
MW-3



MW-4
(-0.57)

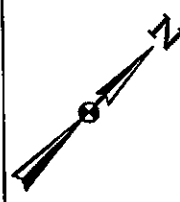


AEI CONSULTANTS	
3210 OLD TUNNEL ROAD, SUITE B, LAFAYETTE, CA	
GROUNDWATER CONTOUR MAP	
SEPTEMBER 2001	
807 75th AVENUE OAKLAND, CALIFORNIA	FIGURE 3



MONITORING WELL LOCATIONS & IDENTIFICATION

- TPHg = Total Petroleum Hydrocarbons as gasoline
- TPHd = Total Petroleum Hydrocarbons as diesel
- MTBE = Methyl tertiary butyl ether
- Benz = Benzene
- TPHmo = Total Petroleum Hydrocarbons as motor oil
- Groundwater results expressed in ug/L.



SCALE: 1 IN = 10 FT

AEI CONSULTANTS	
3210 OLD TUNNEL ROAD, SUITE B, LAFAYETTE, CA	
GROUNDWATER ANALYTICAL RESULTS	
FEBRUARY 2002	
807 75th AVENUE OAKLAND, CALIFORNIA	FIGURE 4

SNELL STREET

GATE

SIDEWALK

MW-1

(0.23)



MW-2

0.18

0.13

0.08

TW-5

FORMER GASOLINE USTs

0.03

(-0.03)



MW-3

GROUNDWATER FLOW 2/6/02
GRADIENT = 0.005 ft/ft

CEMENT DRIVE PAD

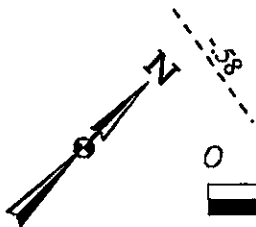
ENTRANCE

SIDEWALK

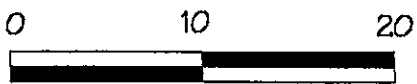
MW-4
(-0.06)

← TO SAN LEANRO AVENUE

75th AVENUE



GROUNDWATER CONTOUR
IN FEET ABOVE MSL



SCALE: 1 IN = 10 FT

AEI CONSULTANTS
3210 OLD TUNNEL ROAD, SUITE B, LAFAYETTE, CA

GROUNDWATER CONTOUR MAP
FEBRUARY 2002

807 75th AVENUE
OAKLAND, CALIFORNIA

FIGURE 5

**Table 1:
Groundwater Elevations**

Well ID	Date	Well Elevation (ft msl)	Depth to Water (ft)	Groundwater Elevation (ft msl)
MW-1	07/30/99	5.00	5.82	-0.82
	11/09/99	5.00	5.70	-0.70
	02/23/00	5.00	2.84	2.16
	05/26/00	5.00	5.50	-0.50
	10/10/00	5.00	5.70	-0.70
	02/07/01	5.00	5.25	-0.25
	05/25/01	5.00	5.25	-0.25
	09/19/01	5.00	5.51	-0.51
	02/06/02	NS	NS	NS
MW-2	07/30/99	5.95	6.64	-0.69
	11/09/99	5.95	6.42	-0.47
	02/23/00	5.95	3.31	2.64
	05/26/00	5.95	6.34	-0.39
	10/10/00	5.95	6.52	-0.57
	02/07/01	5.95	5.90	0.05
	05/25/01	5.95	6.08	-0.13
	09/19/01	5.95	6.53	-0.38
	02/06/02	5.95	5.72	0.23
MW-3	07/30/99	4.66	5.35	-0.69
	11/09/99	4.66	5.11	-0.45
	02/23/00	4.66	2.37	2.29
	05/26/00	4.66	4.98	-0.32
	10/10/00	4.66	5.24	-0.58
	02/07/01	4.66	4.73	-0.07
	05/25/01	4.66	4.73	-0.07
	09/19/01	4.66	5.07	-0.41
	02/06/02	4.66	4.69	-0.03
MW-4	07/30/99	4.59	5.45	-0.86
	11/09/99	4.59	5.31	-0.72
	02/23/00	4.59	2.72	1.87
	05/26/00	4.59	5.07	-0.48
	10/10/00	4.59	5.32	-0.73
	02/07/01	4.59	4.73	-0.14
	05/25/01	4.59	4.90	-0.31
	09/19/01	4.59	5.16	-0.57
	02/06/02	4.59	4.65	-0.06

Notes:

Well elevations measured from top of casing not from ground surface.

ft msl = feet above mean sea level

**Table 2:
Groundwater Sample Analytical Results**

Sample ID	Sample Collection Date	TPH as gasoline $\mu\text{g/L}$	MTBE $\mu\text{g/L}$	Benzene $\mu\text{g/L}$	Toluene $\mu\text{g/L}$	Ethylbenzene $\mu\text{g/L}$	Xylenes $\mu\text{g/L}$	TPH as diesel $\mu\text{g/L}$	TPH as motor oil $\mu\text{g/L}$
MW-1	07/30/99	2,700	<10	920	5.5	18	130	-	-
	11/09/99	1,800	<20	430	1.5	26	60	-	-
	02/23/00	3,800	<10	1,500	56	78	35	-	-
	05/26/00	7,100	<10	2,800	70	220	81	-	-
	10/10/00	980	<5.0	260	2.9	10	11	-	-
	02/07/01	570	<5.0	150	1.8	4.9	9.3	-	-
	05/25/01	18,000	ND<100	3,800	350	550	620	-	-
	09/19/01	840	<5.0	190	4.0	4.6	5.3	-	-
	02/06/02	NS	NS	NS	NS	NS	NS	-	-
MW-2	07/30/99	1,200	<10	29	2.5	51	100	-	-
	11/09/99	1,300	<30	26	1.1	55	32	-	-
	02/23/00	5,000	<10	200	18	390	440	-	-
	05/26/00	2,700	<10	69	13	83	68	-	-
	10/10/00	810	<10	17	4.7	42	46	-	-
	02/07/01	2,600	<10	70	15	80	100	-	-
	05/25/01	2,400	ND	75	16	85	100	-	-
	09/19/01	1,200	<5.0	10	9	46	55	-	-
	02/06/02	1,800	ND<50	14	11	58	59	-	-
MW-3	07/30/99	2,700	<10	220	15	130	230	-	-
	11/09/99	3,100	15	440	9	150	96	-	-
	02/23/00	1,800	<15	180	11	82	79	-	-
	05/26/00	1,600	6.4	140	10	69	63	-	-
	10/10/00	1,100	ND<10	110	4.4	63	51	-	-
	02/07/01	1,100	ND<10	130	5.1	68	65	-	-
	05/25/01	1,200	ND<6.0	120	5.4	69	64	-	-
	09/19/01	800	<5.0	78	3.5	52	37	-	-
	02/06/02	1,100	ND<10	130	4.7	77	71	-	-
MW-4	07/30/99	340	<10	57	2.2	8.5	6.8	-	-
	11/09/99	1,000	<10	220	ND	17	7.1	-	-
	02/23/00	980	ND	260	7	33	27	-	-
	05/26/00	760	5.7	170	4.8	22	13	-	-
	10/10/00	520	ND<10	130	2.3	22	10	-	-
	02/07/01	680	ND<8.0	180	3.7	29	21	-	-
	05/25/01	1,700	ND<10	510	9.6	44	46	-	-
	09/19/01	680	ND<10	200	2.6	33	12	-	-
	02/06/02	710	ND<15	220	2.8	40	21	-	-
TW-5	10/10/00	5,800	ND<50	650	60	190	230	2,900	<250
	02/07/01	720	ND	6.0	4.5	3.2	4.5	650	450
	05/25/01	370	ND	13.0	4.1	1.6	1.3	420	ND
	09/19/01	15,000	530	29	2.7	14	240	2,700,000	1,100,000
	02/06/02	280	<5.0	2.3	0.74	<0.5	0.70	55,000	18,000
MDL		50	5.0	0.5	0.5	0.5	0.5	50	250

MDL = Method Detection Limit

ND = Not detected above the Method Detection Limit (unless otherwise noted)

$\mu\text{g/L}$ = micrograms per liter (ppb)

mg/L = milligrams per liter (ppm)

NS = Not Sampled

APPENDIX A

WELL FIELD SAMPLING FORMS

AEI CONSULTANTS - GROUNDWATER MONITORING WELL FIELD SAMPLING FORM							
Monitoring Well Number: MW-1							
Project Name: Omega				Date of Sampling: 09/19/01			
Job Number: 3190				Name of Sampler: OA			
Project Address: 807 75 th Ave, Oakland							
MONITORING WELL DATA							
Well Casing Diameter (2"/4"/6")				2"			
Seal at Grade -- Type and Condition				Cement / Good			
Well Cap & Lock -- OK/Replace				OK			
Elevation of Top of Casing (feet amsl)				5.00			
Depth of Well (feet bgs)				20			
Depth to Water (feet bgs)				5.51			
Water Elevation (feet amsl)				-0.51			
Three Well Volumes (gallons)*							
2" casing: (TD - DTW)(0.16)(3)				6.95			
4" casing: (TD - DTW)(0.65)(3)							
6" casing: (TD - DTW)(1.44)(3)							
Actual Volume Purged (gallons)				7.0			
Appearance of Purge Water				Clear/slight hydrocarbon odor			
GROUNDWATER SAMPLES							
Number of Samples/Container Size				2 VOAs			
Time	Vol Remvd (gal)	Temp (deg C)	PH	Cond (mS)	Dissolved Oxygen (DO) mg/L	Redox (mV)	Comments
11:45							
11:47	1	18.85	6.57	1062	0.07	-85.6	
11:49	3	19.18	6.58	1076	0.04	-88.6	
11:51	5	18.97	6.56	1078	0.03	-83.0	
11:53	7	18.75	6.55	1084	0.03	-81.6	
COMMENTS (i.e., sample odor, well recharge time & percent, etc.)							

TD - Total Depth of Well
DTW - Depth To Water

AEI CONSULTANTS - GROUNDWATER MONITORING WELL FIELD SAMPLING FORM							
Monitoring Well Number: MW-2							
Project Name: Omega				Date of Sampling: 09/19/01			
Job Number: 3190				Name of Sampler: OA			
Project Address: 807 75 th Ave, Oakland							
MONITORING WELL DATA							
Well Casing Diameter (2"/4"/6")				2"			
Seal at Grade -- Type and Condition				Cement / Good			
Well Cap & Lock - OK/Replace				OK			
Elevation of Top of Casing (feet amsl)				5.95			
Depth of Well (feet bgs)				20			
Depth to Water (feet bgs)				6.33			
Water Elevation (feet amsl)				-0.38			
Three Well Volumes (gallons)*							
2" casing: (TD - DTW)(0.16)(3)				6.56			
4" casing: (TD - DTW)(0.65)(3)							
6" casing: (TD - DTW)(1.44)(3)							
Actual Volume Purged (gallons)				7.0			
Appearance of Purge Water				Clear; strong hydrocarbon odor			
GROUNDWATER SAMPLES							
Number of Samples/Container Size				2 VOAs			
Time	Vol Remvd (gal)	Temp (deg C)	PH	Cond (mS)	Dissolved Oxygen (DO) mg/L	Redox (mV)	Comments
10:56							
10:58	1	20.58	6.54	873	0.16	-110.6	
11:00	3	21.04	6.52	879	0.08	-105.2	
11:02	5	20.42	6.54	878	0.04	-113.6	
11:04	7	19.85	6.53	829	0.03	-105.9	
COMMENTS (i.e., sample odor, well recharge time & percent, etc.)							

TD - Total Depth of Well

DTW - Depth To Water

AEI CONSULTANTS - GROUNDWATER MONITORING WELL FIELD SAMPLING FORM							
Monitoring Well Number: MW-3							
Project Name: Omega				Date of Sampling: 09/19/01			
Job Number: 3190				Name of Sampler: OA			
Project Address: 807 75 th Ave., Oakland							
MONITORING WELL DATA							
Well Casing Diameter (2"/4"/6")				2"			
Seal at Grade -- Type and Condition				Cement / Good			
Well Cap & Lock -- OK/Replace				OK			
Elevation of Top of Casing (feet amsl)				4.66			
Depth of Well (feet bgs)				20			
Depth to Water (feet bgs)				5.07			
Water Elevation (feet amsl)				-0.41			
Three Well Volumes (gallons)*							
2" casing: (TD - DTW)(0.16)(3)				7.16			
4" casing: (TD - DTW)(0.65)(3)							
6" casing: (TD - DTW)(1.44)(3)							
Actual Volume Purged (gallons)				7.5			
Appearance of Purge Water				Clear; slight hydrocarbon odor			
GROUNDWATER SAMPLES							
Number of Samples/Container Size				2 VOAs			
<i>S/B MS/cm not MS</i>							
Time	Vol Remvd (gal)	Temp (deg C)	PH	Cond (mS)	Dissolved Oxygen (DO) mg/L	Redox (mV)	Comments
11:15							
11:17	1	20.15	6.54	1339	0.11	-63.3	
11:19	3	20.31	6.51	1371	0.06	-56.8	
11:21	5	19.65	6.51	1389	0.03	-58.8	
11:23	7	19.39	6.53	1354	0.03	-72.5	
COMMENTS (i.e., sample odor, well recharge time & percent, etc.)							

TD - Total Depth of Well
DTW - Depth To Water

**AEI CONSULTANTS - GROUNDWATER MONITORING WELL FIELD
SAMPLING FORM**

Monitoring Well Number: MW-4

Project Name: Omega	Date of Sampling: 09/19/01
Job Number: 3190	Name of Sampler: OA
Project Address: 807 75 th Ave., Oakland	

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2"
Seal at Grade -- Type and Condition	Cement / Good
Well Cap & Lock -- OK/Replace	OK
Elevation of Top of Casing (feet amsl)	4.59
Depth of Well (feet bgs)	20
Depth to Water (feet bgs)	5.16
Water Elevation (feet amsl)	-0.57
Three Well Volumes (gallons)*	
2" casing: (TD - DTW)(0.16)(3)	7.12
4" casing: (TD - DTW)(0.65)(3)	
6" casing: (TD - DTW)(1.44)(3)	
Actual Volume Purged (gallons)	7.0
Appearance of Purge Water	Clear; slight hydrocarbon odor

GROUNDWATER SAMPLES

Number of Samples/Container Size		2 VOAs					
Time	Vol Remvd (gal)	Temp (deg C)	PH	Cond (mS)	Dissolved Oxygen (DO) mg/L	Redox (mV)	Comments
11:29							
11:31	1	19.71	6.54	1305	0.28	-5.8	
11:33	3	20.34	6.53	1301	0.29	-6.1	
11:35	5	19.70	6.49	1316	0.05	-6.2	
11:37	7	19.43	6.46	1320	0.03	-7.2	

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

No hydrocarbon odor or sheen observed

TD - Total Depth of Well
DTW - Depth To Water

**AEI CONSULTANTS - GROUNDWATER MONITORING WELL FIELD
SAMPLING FORM**

Monitoring Well Number: TW-5

Project Name: Omega	Date of Sampling: 09/19/01
Job Number: 3190	Name of Sampler: OA
Project Address: 807 75 th Ave., Oakland	

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	4"
Seal at Grade -- Type and Condition	
Well Cap & Lock -- OK/Replace	(?)
Elevation of Top of Casing (feet amsl)	
Depth of Well (feet bgs)	
Depth to Water (feet bgs)	6.59
Water Elevation (feet amsl)	
Three Well Volumes (gallons)*	
2" casing: (TD - DTW)(0.16)(3)	
4" casing: (TD - DTW)(0.65)(3)	
6" casing: (TD - DTW)(1.44)(3)	
Actual Volume Purged (gallons)	
Appearance of Purge Water	Free floating product/strong hydrocarbon odor

GROUNDWATER SAMPLES

Number of Samples/Container Size	2 VOAs, 2 Liter Amber Bottles
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Time	Vol Remvd (gal)	Temp (deg C)	PH	Cond (mS)	Dissolved Oxygen (DO) mg/L	Redox (mV)	Comments
12:02							
12:03	2	21.65	6.85	978	0.13	-62.5	
12:05	4	21.65	6.82	973	0.05	-59.4	
12:07	6	21.66	6.81	974	0.05	-57.4	
12:09	8	21.67	6.81	975	0.03	57.5	
12:11	10	21.67	6.79	976	0.02	-55.7	

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

**AEI CONSULTANTS - GROUNDWATER MONITORING WELL FIELD
SAMPLING FORM**

Monitoring Well Number: MW-1

Project Name: Omega	Date of Sampling: 2/6/02
Job Number: 3190	Name of Sampler: OA
Project Address: 807 75 th Ave, Oakland	

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2"
Seal at Grade -- Type and Condition	Cement / Good
Well Cap & Lock -- OK/Replace	OK
Elevation of Top of Casing (feet amsl)	5.00
Depth of Well (feet bgs)	20.00
Depth to Water (feet bgs)	Not Sampled
Water Elevation (feet amsl)	
Three Well Volumes (gallons)*	
2" casing: (TD - DTW)(0.16)(3)	
4" casing: (TD - DTW)(0.65)(3)	
6" casing: (TD - DTW)(1.44)(3)	
Actual Volume Purged (gallons)	
Appearance of Purge Water	

GROUNDWATER SAMPLES

Number of Samples/Container Size		2 VOAs					
Time	Vol Remvd (gal)	Temp (deg C)	PH	Cond (mS)	Dissolved Oxygen (DO) mg/L	Redox (mV)	Comments

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

TD - Total Depth of Well
DTW - Depth To Water

**AEI CONSULTANTS – GROUNDWATER MONITORING WELL FIELD
SAMPLING FORM**

Monitoring Well Number: MW-2

Project Name: Omega	Date of Sampling: 2/6/02
Job Number: 3190	Name of Sampler: OA
Project Address: 807 75 th Ave, Oakland	

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2"
Seal at Grade -- Type and Condition	Cement / Good
Well Cap & Lock – OK/Replace	OK
Elevation of Top of Casing (feet amsl)	5.95
Depth of Well (feet bgs)	20.00
Depth to Water (feet bgs)	5.72
Water Elevation (feet amsl)	0.23
Three Well Volumes (gallons)*	
2" casing: (TD - DTW)(0.16)(3)	6.85
4" casing: (TD - DTW)(0.65)(3)	
6" casing: (TD - DTW)(1.44)(3)	
Actual Volume Purged (gallons)	7.0
Appearance of Purge Water	Clear; strong hydrocarbon odor

GROUNDWATER SAMPLES

Number of Samples/Container Size	2 VOAs
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Time	Vol Remvd (gal)	Temp (deg C)	PH	Cond (mS)	Dissolved Oxygen (DO) mg/L	Redox (mV)	Comments
10:44							
10:46	1	17.82	6.56	891	0.41		
10:48	3	16.99	6.62	912	0.33		
10:50	5	17.49	6.63	915	0.22		
10:52	7	17.92	6.64	878	0.16		

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

TD - Total Depth of Well
DTW - Depth To Water

**AEI CONSULTANTS - GROUNDWATER MONITORING WELL FIELD
SAMPLING FORM**

Monitoring Well Number: MW-3

Project Name: Omega	Date of Sampling: 2/6/02
Job Number: 3190	Name of Sampler: OA
Project Address: 807 75 th Ave., Oakland	

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2"
Seal at Grade -- Type and Condition	Cement / Good
Well Cap & Lock -- OK/Replace	OK
Elevation of Top of Casing (feet amsl)	4.66
Depth of Well (feet bgs)	20.00
Depth to Water (feet bgs)	4.69
Water Elevation (feet amsl)	-0.03
Three Well Volumes (gallons)*	
2" casing: (TD - DTW)(0.16)(3)	7.34
4" casing: (TD - DTW)(0.65)(3)	
6" casing: (TD - DTW)(1.44)(3)	
Actual Volume Purged (gallons)	7.5
Appearance of Purge Water	Clear; hydrocarbon odor

GROUNDWATER SAMPLES

Number of Samples/Container Size		2 VOAs					
Time	Vol Remvd (gal)	Temp (deg C)	PH	Cond (mS)	Dissolved Oxygen (DO) mg/L	Redox (mV)	Comments
10:55							
10:57	1	17.30	6.64	1336	0.23		
10:59	3	16.29	6.64	1355	0.18		
11:01	5	17.18	6.61	1377	0.14		
11:03	7.5	17.74	6.63	1370	0.11		

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

TD - Total Depth of Well
DTW - Depth To Water

**AEI CONSULTANTS – GROUNDWATER MONITORING WELL FIELD
SAMPLING FORM**

Monitoring Well Number: MW-4

Project Name: Omega	Date of Sampling: 2/6/02
Job Number: 3190	Name of Sampler: OA
Project Address: 807 75 th Ave., Oakland	

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2"
Seal at Grade -- Type and Condition	Cement / Good
Well Cap & Lock -- OK/Replace	OK
Elevation of Top of Casing (feet amsl)	4.59
Depth of Well (feet bgs)	20.00
Depth to Water (feet bgs)	4.65
Water Elevation (feet amsl)	-0.06
Three Well Volumes (gallons)*	
2" casing: (TD - DTW)(0.16)(3)	7.36
4" casing: (TD - DTW)(0.65)(3)	
6" casing: (TD - DTW)(1.44)(3)	
Actual Volume Purged (gallons)	7.5
Appearance of Purge Water	Clear; slight hydrocarbon odor

GROUNDWATER SAMPLES

Number of Samples/Container Size		2 VOAs					
Time	Vol Remvd (gal)	Temp (deg C)	PH	Cond (mS)	Dissolved Oxygen (DO) mg/L	Redox (mV)	Comments
11:10							
11:15	1	17.71	6.69	1370	0.61		
11:17	3	17.04	6.65	1330	0.61		
11:19	5	17.69	6.61	1381	0.21		
11:21	7	18.06	6.58	1400	0.12		

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

TD - Total Depth of Well
DTW - Depth To Water

AEI CONSULTANTS - GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: TW-5

Project Name: Omega	Date of Sampling: 2/6/02
Job Number: 3190	Name of Sampler: OA
Project Address: 807 75 th Ave., Oakland	

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	4"
Seal at Grade -- Type and Condition	
Well Cap & Lock -- OK/Replace	
Elevation of Top of Casing (feet amsl)	
Depth of Well (feet bgs)	
Depth to Water (feet bgs)	5.3
Water Elevation (feet amsl)	
Three Well Volumes (gallons)*	
2" casing: (TD - DTW)(0.16)(3)	
4" casing: (TD - DTW)(0.65)(3)	
6" casing: (TD - DTW)(1.44)(3)	
Actual Volume Purged (gallons)	
Appearance of Purge Water	Strong hydrocarbon odor/Viscous Sheen

GROUNDWATER SAMPLES

Number of Samples/Container Size	2 VOAs, 2 Liter Amber Bottles
----------------------------------	-------------------------------

Time	Vol Remvd (gal)	Temp (deg C)	PH	Cond (mS)	Dissolved Oxygen (DO) mg/L	Redox (mV)	Comments
11:25							
11:27	2	14.68	6.98	735	0.91		
11:29	4	14.65	6.95	733	0.41		
11:31	6	14.62	6.93	727	0.10		
11:33	8	14.60	6.92	724	0.06		
11:35	10	14.60	6.91	724	0.05		

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

[O₂] Solubility consistent w/
> [O₂] in colder water.

APPENDIX B

**LABORATORY ANALYTICAL AND
CHAIN OF CUSTODY DOCUMENTATION**



McCAMPBELL ANALYTICAL INC.

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

All Environmental, Inc. 3210 Old Tunnel Road, Suite B Lafayette, CA 94549-4157	Client Project ID: #3190; OMEGA	Date Sampled: 09/19/01
	Client Contact: Orion Alcalay	Date Received: 09/19/01
	Client P.O:	Date Extracted: 09/23-09/25/01
		Date Analyzed: 09/23-09/25/01

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with Methyl tert-Butyl Ether* & BTEX*

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

Lab ID	Client ID	Matrix	TPH(g) ⁺	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	% Recovery Surrogate
78884	MW-1	W	840,a	ND	190	4.0	4.6	5.3	104
78885	MW-2	W	1200,a	ND	10	8.5	46	55	---*
78886	MW-3	W	800,a	ND	78	3.5	52	37	110
78887	MW-4	W	680,a	ND<10	200	2.6	33	12	---*
78888	TW-5	W	15,000,g,h	* 530	29	2.7	14	240	101
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	5.0	0.5	0.5	0.5	0.5	
		S	1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	

* 8020 or 602 not 8260

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP and SPLP extracts in ug/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 (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment; j) no recognizable pattern.

DHS Certification No. 1644

Edward Hamilton, Lab Director



McCAMPBELL ANALYTICAL INC.

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

All Environmental, Inc. 3210 Old Tunnel Road, Suite B Lafayette, CA 94549-4157	Client Project ID: #3190; OMEGA	Date Sampled: 09/19/01
	Client Contact: Orion Alcalay	Date Received: 09/19/01
	Client P.O:	Date Extracted: 09/19/01
		Date Analyzed: 09/20/01

Diesel Range (C10-C23) and Oil-Range (C18+) Extractable Hydrocarbons as Diesel and Motor Oil*

EPA methods modified 8015, and 3550 or 3510; California RWQCB (SF Bay Region) method GCFID(3550) or GCFID(3510)

Lab ID	Client ID	Matrix	TPH(d) ⁺	TPH(mo) ⁺	% Recovery Surrogate
78888	TW-5	W	2,700,000,a,h	1,100,000	113
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	W		50 ug/L	250 ug/L	
	S		1.0 mg/kg	5.0 mg/kg	

*water samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP / STLC / SPLP extracts in ug/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) medium boiling point pattern that does not match diesel (?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment.

27840 Zak 437

McCAMPBELL ANALYTICAL INC.

110 2nd AVENUE SOUTH, #D7
FACHECO, CA 94553

Telephone: (925) 798-1620

Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME

RUSH 24 HOUR 48 HOUR 5 DAY

Report To: Orion Alcalay Bill To:
Company: All Environmental
3210 Old Tunnel Road, Suite B
Lafayette, CA 94549-4157

Tele: (925) 283-6000 Fax: (925) 283-6121

Project #: 3190 Project Name: Omega

Project Location: 207 75th Avenue, Oakland

Sampler Signature: [Signature]


Analysis Request Other Comments

SAMPLE ID	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED				BTEX & TPH as Gas (602/8020 + 8015) MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8240 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	RCI	Other	Comments					
		Date	Time			Water	Soil	Air	Sludge	Other	Ice	HCl	HNO ₃	Other																						
+ MW-1		9-15-01		2		X					X	X																								
+ MW-2				2																																78884
+ MW-3				2																																78885
+ MW-4				2																																78886
+ TW-5				4							X	X	X	X																						78887

78884
78885
78886
78887
78888

Relinquished By: [Signature] Date: 9-15-01 Time: 2:11 Received By: M Brownfield
Relinquished By: Date: Time: Received By:
Relinquished By: Date: Time: Received By:

Remarks: ICE/® GOOD CONDITION HEAD SPACE ABSENT PRESERVATION APPROPRIATE CONTAINERS VOAS O&G METALS OTHER



McCAMPBELL ANALYTICAL INC.
 110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
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<http://www.mccampbell.com> E-mail: main@mccampbell.com

All Environmental, Inc. 3210 Old Tunnel Road, Suite B Lafayette, CA 94549-4157	Client Project ID: #3190; Omega	Date Sampled: 02/06/02
	Client Contact: Orion Alcalay	Date Received: 02/06/02
	Client P.O.:	Date Extracted: 02/06-02/11/02
		Date Analyzed: 02/06-02/11/02

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with Methyl tert-Butyl Ether* & BTEX*
 EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)


Lab ID	Client ID	Matrix	TPH(g)*	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	% Recovery Surrogate
89680	MW-2	W	1800,a	ND<50	14	11	58	59	116
89681	MW-3	W	1100,a	ND<10	130	4.7	77	71	119
89682	MW-4	W	710,a	ND<15	220	2.8	40	21	104
89683	TW-5	W	280,g	ND	2.3	0.74	ND	0.70	104
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	W		50 ug/L	5.0	0.5	0.5	0.5	0.5	
	S		1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	

* water and vapor samples are reported in ug/L., wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCI.P and SPLP extracts in ug/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 (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment; j) no recognizable pattern.

DHS Certification No. 1644


 Edward Hamilton, Lab Director



McCAMPBELL ANALYTICAL INC.

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

All Environmental, Inc. 3210 Old Tunnel Road, Suite B Lafayette, CA 94549-4157	Client Project ID: #3190; Omega	Date Sampled: 02/06/02
	Client Contact: Orion Alcalay	Date Received: 02/06/02
	Client P.O:	Date Extracted: 02/06/02
		Date Analyzed: 02/06-02/07/02

Diesel Range (C10-C23) and Oil-Range (C18+) Extractable Hydrocarbons as Diesel and Motor Oil*

EPA methods modified 8015, and 3550 or 3510; California RWQCB (SF Bay Region) method GCFID(3550) or GCFID(3510)

Lab ID	Client ID	Matrix	TPH(d) ⁺	TPH(mo) ⁺	% Recovery Surrogate
89683	TW-5	W	55,000 _a	18,000	100
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	W		50 ug/L	250 ug/L	
	S		1.0 mg/kg	5.0 mg/kg	

*water samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP / STLC / SPLP extracts in ug/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) medium boiling point pattern that does not match diesel (?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment.

DHS Certification No. 1644

Edward Hamilton
 Edward Hamilton, Lab Director

29949 Z ale 505
McCAMPBELL ANALYTICAL INC.
 110 2ND AVENUE SOUTH, #D7
 PACHICO, CA 94553

Telephone: (925) 798-1620

Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME RUSH 24 HOUR 48 HOUR 5 DAY

Report To: Orion Alcalay

Bill To:

Company: All Environmental

3210 Old Tunnel Road, Suite B

Lafayette, CA 94549-4157

Tele: (925) 283-6000

Fax: (925) 283-6121

Project #: 3770

Project Name: Omega

Project Location: 807 75th Avenue, Oakland

Sampler Signature: [Signature]

Analysis Request

Other Comments

- RTX & TPH as Gas (602/603 + 8015) MTHS
- TPH as Diesel (8015)
- Total Petroleum Oil & Grease (5320 E&P/8&F)
- Total Petroleum Hydrocarbons (418.1)
- EPA 601 / 8010
- BTEX ONLY (EPA 602 / 8020)
- EPA 608 / 8080
- EPA 608 / 8080 PCB'S ONLY
- EPA 624 / 8240 / 8260
- EPA 625 / 8270
- PAH'S / 8 by EPA 625 / 8270 / 8310
- CAM-17 Metals
- LUFT 5 Metals
- Lead (7240/7421/239.2/6010)
- RCI

NO REPORT

- (+) 89680
- (+) 89681
- (+) 89682
- + 89683

SAMPLE ID	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED				RTX & TPH as Gas (602/603 + 8015) MTHS	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5320 E&P/8&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB'S ONLY	EPA 624 / 8240 / 8260	EPA 625 / 8270	PAH'S / 8 by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	RCI	Other	Comments					
		Date	Time			Water	Soil	Air	Sludge	Other	Ica	HCl	HNO ₃	Other																						
TW-2		2/6/02		2		X								X																						
TW-3		↓		4		↓								X																						
TW-4		↓		4		↓								X																						
TW-5		↓		4		↓								X																						

Relinquished By: [Signature]
 Date: 2/6/02 Time: 2:00
 Received By: S Van 2/6/02 2:00

Relinquished By: _____ Date: _____ Time: _____
 Received By: _____

Relinquished By: _____ Date: _____ Time: _____
 Received By: _____

Remarks:

PRESERVATION
 APPROPRIATE CONTAINERS
 GEN. INFO.