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Alameda County
Environmental Health

January 31, 2008

**QUARTERLY GROUNDWATER MONITORING REPORT
DECEMBER 2007 GROUNDWATER SAMPLING
ASE JOB NO. 3540**

at

Oakland Truck Stop
8255 San Leandro Street
Oakland, California

Prepared for:
Mr. Nissan Saidian
5733 Medallion Court
Castro Valley, CA 94552

Prepared by:
AQUA SCIENCE ENGINEERS, INC.
55 Oak Court, Suite 220
Danville, CA 94526
(925) 820-9391



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1.0 INTRODUCTION

Site Location (Site), See Figure 1

Oakland Truck Stop
8255 San Leandro Street
Oakland, California

Responsible Party

Mr. Nissan Saidian
5733 Medallion Court
Castro Valley, CA 94552

Environmental Consulting Firm

Aqua Science Engineers, Inc. (ASE)
55 Oak Court, Suite 220
Danville, CA 94526
Contact: Robert Kitay, Senior Geologist
(925) 820-9391

Agency Review

Mr. Jerry Wickham
Alameda County Health Care Services Agency (ACHCSA)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

California Regional Water Quality Control Board (RWQCB)
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612

The following is a report detailing the methods and findings of the December 5, 2007 quarterly groundwater sampling at the above-referenced site. This sampling was conducted as required by the ACHCSA and RWQCB. ASE has prepared this report on behalf of Mr. Nissan Saidian, owner of the property.



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2.0 GROUNDWATER FLOW DIRECTION AND GRADIENT

On December 5, 2007, ASE measured the depth to water in monitoring wells MW-1 through MW-6, MW-8 and MW-10 using an electric water level sounder. The surface of the groundwater was also checked for the presence of free-phase hydrocarbons or sheen. Monitoring well MW-1 contained approximately 1.4-feet of free-phase hydrocarbons, an increase from last quarter's measurement. This product was subsequently bailed from the well until only a sheen was visible. Monitoring wells MW-7 and MW-9 were not accessible due to trucks parked over the wells. Groundwater elevation data is presented as Table One.

A groundwater potentiometric surface map for the December 5, 2007 sampling event is presented as Figure 2. The groundwater flow direction beneath the site this quarter includes flow components to the north, west and south.

3.0 GROUNDWATER SAMPLE COLLECTION AND ANALYSIS

Groundwater samples were collected from monitoring wells MW-2 through MW-6, MW-8 and MW-10. Monitoring well MW-1 contained free-phase hydrocarbons and was not sampled. Monitoring wells MW-7 and MW-9 were inaccessible and could not be sampled. Prior to sampling, the wells were purged of three well casing volumes of groundwater using disposable polyethylene bailers. The parameters pH, temperature, and conductivity were monitored during the well purging, and samples were not collected until these parameters stabilized. Groundwater samples were then collected from each well using the same polyethylene bailers.

All samples were decanted from the bottom of the bailers using low-flow sampling devices into 40-ml volatile organic analysis (VOA) vials, pre-preserved with hydrochloric acid, and sealed without headspace. The samples were then labeled and placed in coolers with wet ice for transport to Kiff Analytical, LLC of Davis, California (CA DHS ELAP #2236) under appropriate chain-of-custody documentation. Well sampling field logs are presented in Appendix A.

The monitoring well purge water was placed in a 55-gallon steel drum, and stored for later removal.

The groundwater samples were analyzed for total petroleum hydrocarbons as diesel (TPH-D) and motor oil (TPH-MO) by modified EPA Method 8015, and total petroleum hydrocarbons as gasoline (TPH-G), benzene, toluene, ethylbenzene, and total xylenes (collectively known as BTEX), and oxygenates by EPA Method 8260B. The analytical results are presented in Table Two. The certified analytical report and chain-of-custody documentation are included as Appendix B.



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4.0 CONCLUSIONS

- Monitoring well MW-1 contained approximately 1.4-feet of free-phase hydrocarbons this quarter, which is an increase from last quarter.
- Analytical results for groundwater samples collected from monitoring well MW-2 were generally similar to last quarter's results, with an increase in TPH-G and decrease in TPH-D and oxygenate concentrations from the previous quarter.
- Concentrations of TPH-D decreased significantly from the previous quarter in groundwater samples collected from monitoring well MW-3, while the TPH-G, BTEX, and TBA increased in the same sample.
- Concentrations of TPH-G, TPH-D and TPH-MO increased from the previous quarter's non-detectable results in groundwater samples collected from monitoring well MW-4, and MTBE and TBA concentrations decreased from their already low concentrations. BTEX concentrations remained non-detectable this quarter.
- Hydrocarbon concentrations in groundwater samples collected from monitoring well MW-5 remained very similar to previous results, with minor decreases in TPH-D and oxygenate concentrations. BTEX concentrations remained non-detectable this quarter.
- Analytical results for groundwater samples collected from monitoring well MW-6 are very similar to previous results, with minor increases in TPH-G and TBA concentrations and minor decreases in TPH-D, benzene, toluene, MTBE and TAME concentrations.
- Analytical results for groundwater samples collected from monitoring well MW-8 are very similar to previous results, with the only compound detected being MTBE at 13 ppb.
- Hydrocarbon concentrations detected in groundwater samples collected from monitoring well MW-10 were very similar to previous results with only MTBE and TBA being detected at 0.94 ppb and 13 ppb, respectively.

Groundwater samples collected from the following monitoring wells contained concentrations of the listed compounds equal to or greater than Environmental Screening Levels (ESLs)¹ for sites where groundwater is a current or potential source of drinking water:

- MW-2—TPH-G and MTBE
- MW-3—TPH-G, TPH-D, BTEX and MTBE
- MW-4—TPH-D, TPH-D and TPH-MO
- MW-5—TPH-D and MTBE
- MW-6—TPH-G, benzene and MTBE
- MW-8—MTBE

¹ as presented in the "Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater" document prepared by the California Regional Water Quality Control Board, San Francisco Bay Region dated November 2007



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5.0 RECOMMENDATIONS

ASE recommends that this site remain on a quarterly sampling schedule. The next sampling is scheduled for February 2007. Free-phase hydrocarbon removal from monitoring well MW-1 will continue during the next quarter. A Remedial Action Plan (RAP) has recently been approved by the ACHCSA for this site. This RAP will be implemented as soon as the costs are pre-approved by the California State Underground Storage Tank Cleanup Fund.

6.0 REPORT LIMITATIONS

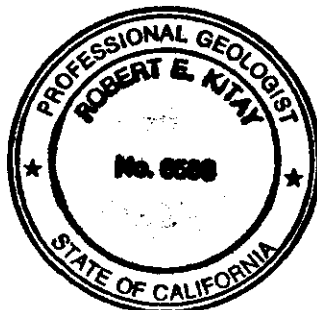
The results presented in this report represent conditions at the time of the groundwater sampling, at the specific locations where the groundwater samples were collected, and for the specific parameters analyzed by the laboratory. It does not fully characterize the site for contamination resulting from sources other than the former underground storage tanks and associated plumbing at the site, or for parameters not analyzed by the laboratory. All of the laboratory work cited in this report was prepared under the direction of independent CAL-DHS certified laboratory. The independent laboratory is solely responsible for the contents and conclusions of the chemical analysis data.

Aqua Science Engineers appreciates the opportunity to provide environmental consulting services for this project, and trust that this report meets your needs. Please feel free to call us at (925) 820-9391 if you have any questions or comments.

Respectfully submitted,

AQUA SCIENCE ENGINEERS, INC.

Robert E. Kitay, P.G., R.E.A.
Senior Geologist



Attachments: Table One and Two
Figures 1 and 2
Appendices A and B

cc: Mr. Nissan Saidian
Mr. Jerry Wickham, ACHCSA



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TABLES

TABLE ONE
Groundwater Elevation Data
Oakland Truck Stop
8255 San Leandro Street, Oakland, CA

Well ID & Date Sampled	Top of Casing Elevation (msl)	Depth to Water (feet)	Free-Floating Hydrocarbon Thickness (feet)	Groundwater Elevation (msl)
MW-1				
8/16/99	97.12	Unknown	> 1.0	Unknown
8/27/99		6.90	0.36	90.51*
9/10/99		6.85	0.18	90.41*
9/24/99		6.65	0.08	90.53*
10/8/99		6.87	0.28	90.47*
10/22/99		6.81	0.23	90.49*
11/2/99		6.94	0.31	90.43*
11/19/99		6.91	0.12	90.31*
12/6/99		6.93	0.12	90.29*
3/8/00		5.93	0.21	91.36*
6/14/00		6.57	0.72	90.41*
12/11/00		6.70	0.60	90.90*
3/6/01		5.75	0.40	91.69*
6/6/01		7.60	1.48	90.70*
9/4/01		6.80	0.20	90.48*
3/11/02		approx. 7.47	approx. 3	approx. 92.05*
6/6/02		6.49	0.67	91.17*
9/4/02	11.02	6.89	0.54	4.56*
12/17/02		4.65		6.47*
3/7/03		6.55	1.19	3.52*
6/5/03		9.77	4.63	4.95*
9/19/03		6.56	0.32	4.72*
12/12/03		5.63	0.41	5.72*
3/15/04		7.11	0.40	4.23*
6/22/04		NM	NM	NM
9/21/04		NM	NM	NM
12/30/04			Probe Malfunction	
4/6/05		5.70	1.40	6.44*
9/29/05		5.40	1.00	6.42*
12/9/05		10.70	6.13	5.22*
3/7/06		9.05	5.05	6.01
6/20/06		4.61	0.40	6.73
8/23/06		5.51	2.43	7.94*
11/9/06		5.56	0.93	6.20*
3/20/07		9.69	4.77	5.15*
5/17/07		9.55	4.63	5.17*
8/16/07		6.95	1.05	4.91*
12/5/07		5.50	1.40	6.64*

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Well ID & Date Sampled	Top of Casing Elevation (msl)	Depth to Water (feet)	Free-Floating Hydrocarbon Thickness (feet)	Groundwater Elevation (msl)
MW-2				
8/16/99	96.82	6.30	--	90.52
12/6/99		8.46	--	88.36
3/8/00		9.12	--	87.70
6/14/00		8.34	--	88.48
12/11/00		5.94	--	90.88
3/6/01		4.70	--	92.12
6/6/01		6.03	--	90.79
9/4/01		6.34	--	90.48
3/11/02		4.89	--	91.93
6/6/02		5.69	--	91.13
9/4/02	10.70	6.17	--	4.53
12/17/02		4.39	--	6.31
3/7/03		5.44	--	5.26
6/5/03		5.59	--	5.11
9/19/03		6.09	--	4.61
12/12/03		5.13	--	5.57
3/15/04		5.71	--	4.99
6/22/04		5.80	--	4.90
9/21/04		6.64	--	4.06
12/30/04		6.04	--	4.66
4/6/05		INACCESSIBLE DUE TO TRUCK OVER WELL		
9/29/05		INACCESSIBLE DUE TO TRUCK OVER WELL		
12/9/05		5.60	--	5.10
3/7/06		4.25	--	6.45
6/20/06		5.04	--	5.66
8/23/06		5.70	--	5.00
11/9/06		6.27	--	4.43
3/20/07		6.45	--	4.25
5/17/07		6.74	--	3.96
8/16/07		7.19	--	3.51
12/5/07		5.64	--	5.06

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MW-3				
8/16/99	96.43	5.85	--	90.58
12/6/99		5.70	--	90.73
3/8/00		5.32	--	91.11
6/14/00		6.95	--	89.48
12/11/00		6.22	--	90.21
3/6/01		4.83	--	91.60
6/6/01		5.62	--	90.81
9/4/01		5.91	--	90.52
3/11/02		4.42	--	92.01
6/6/02		5.19	--	91.24
9/4/02	10.32	5.72	--	4.60
12/17/02		3.96	--	6.36
3/7/03		4.88	--	5.44
6/5/03		5.05	--	5.27
9/19/03		5.62	--	4.70
12/12/03		4.68	--	5.64
3/15/04		4.52	--	5.80
6/22/04		6.49	--	3.83
9/21/04		5.72	--	4.60
12/30/04		4.72	--	5.60
4/6/04		3.78	--	6.54
9/29/05		5.85	--	4.47
12/9/05		5.01	--	5.31
3/7/06		3.75	--	6.57
6/20/06		4.81	--	5.51
8/23/06		5.22	--	5.10
11/9/06		5.36	--	4.96
3/20/07		5.06	--	5.26
5/17/07		6.35	--	3.97
8/16/07		6.46	--	3.86
12/5/07		4.82	--	5.50

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MW-4				
8/16/99	96.60	6.12	--	90.48
12/6/99		5.98	--	90.62
3/8/00		4.32	--	92.28
6/14/00		5.58	--	91.02
12/11/00		5.70	--	90.90
3/6/01		4.46	--	92.14
6/6/01		5.89	--	90.71
9/4/01		6.16	--	90.44
3/11/02		4.67	--	91.93
6/6/02		5.50	--	91.10
9/4/02	10.50	5.97	--	4.53
12/17/02		4.22	--	6.28
3/7/03		5.23	--	5.27
6/5/03		5.38	--	5.12
9/19/03		5.91	--	4.59
12/12/03		4.91	--	5.59
3/15/04		4.94	--	5.56
6/22/04		5.68	--	4.82
9/21/04		6.01	--	4.49
12/30/04		4.55	--	5.95
4/6/05		4.09	--	6.41
9/29/05		5.56	--	4.94
12/9/05		5.28	--	5.22
3/7/06		4.00	--	6.50
6/20/06		5.14	--	5.36
8/23/06		5.51	--	4.99
11/9/06		5.64	--	4.86
3/20/07		4.90	--	5.60
5/17/07		5.18	--	5.32
8/16/07		5.81	--	4.69
12/5/07		5.20	--	5.30

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MW-5				
12/6/99	96.30	5.94	--	90.36
3/8/00		4.06	--	92.24
6/14/00		5.25	--	91.05
12/11/00		5.45	--	90.85
3/6/01		4.12	--	92.18
6/6/01		5.56	--	90.74
9/4/01		5.84	--	90.46
3/11/02		4.38	--	91.92
6/6/02		5.16	--	91.14
9/4/02	10.20	5.62	--	4.58
12/17/02		4.12	--	6.08
3/7/03		4.89	--	5.31
6/5/03		5.04	--	5.16
9/19/03		5.56	--	4.64
12/12/03		4.72	--	5.48
3/15/04		4.61	--	5.59
6/22/04		5.26	--	4.94
9/21/04		5.68	--	4.52
9/21/04		4.55	--	5.65
4/6/05		3.98	--	6.22
9/29/05		5.28	--	4.92
12/9/05		5.05	--	5.15
3/7/06		3.96	--	6.24
6/20/06		4.51	--	5.69
8/23/06		7.47	--	2.73
11/9/06		5.42	--	4.78
3/20/07		4.83	--	5.37
5/17/07		5.29	--	4.91
8/16/07		5.31	--	4.89
12/5/07		4.90	--	5.30

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Well ID & Date Sampled	Top of Casing Elevation (msl)	Depth to Water (feet)	Free-Floating Hydrocarbon Thickness (feet)	Groundwater Elevation (msl)
MW-6				
12/6/99	96.79	5.80	--	90.99
3/8/00		4.10	--	92.69
6/14/00		5.64	--	91.15
12/11/00		5.72	--	91.07
3/6/01		4.32	--	92.47
6/6/01		5.81	--	90.98
9/4/01		6.12	--	90.67
3/11/02		4.49	--	92.30
6/6/02		5.33	--	91.46
9/4/02	10.71	5.92	--	4.79
12/17/02		3.85	--	6.86
3/7/03		4.96	--	5.75
6/5/03		5.18	--	5.53
9/19/03		5.81	--	4.90
12/12/03		4.73	--	5.98
3/15/04		4.65	--	6.06
6/22/04		5.34	--	5.37
9/21/04		5.89	--	4.82
12/30/04		4.35	--	6.36
4/6/05		3.66	--	7.05
9/29/05		6.00	--	4.71
12/9/05		5.17	--	5.54
3/7/06		4.55	--	6.01
6/20/06		4.96	--	5.75
8/23/06		5.42	--	5.29
11/9/06		5.57	--	5.14
3/20/07		4.59	--	6.12
5/17/07		5.12	--	5.59
8/16/07		7.55	--	3.16
12/5/07		5.30	--	5.41

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MW-7				
9/4/02	9.17	4.67	--	4.50
12/17/02		3.11	--	6.06
3/7/03		3.89	--	5.28
6/15/03		3.57	--	5.60
9/19/03		4.57	--	4.60
12/12/03		3.48	--	5.69
3/15/04			Truck Parked Over Well	
6/22/04		4.52	--	4.65
9/21/04		4.56	--	4.61
12/30/04		3.17	--	6.00
4/6/05		2.77	--	6.40
9/29/05		4.27	--	4.90
12/9/05		4.86	--	4.31
3/7/06		2.80	--	6.37
6/20/06		3.60	--	5.57
8/23/06		4.89	--	4.28
1/19/06		4.23	--	4.94
3/20/07		3.55	--	5.62
5/17/07		4.02	--	5.15
8/16/07		4.35	--	4.82
12/15/07			Truck Parked Over Well	

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<u>MW-8</u>				
9/4/02	9.68	4.94	--	4.74
12/17/02		3.26	--	6.42
3/7/03		4.01	--	5.67
6/5/03		4.28	--	5.40
9/19/03		4.87	--	4.81
12/12/03		3.77	--	5.91
3/15/04		3.53	--	NA**
6/22/04		4.52	--	NA**
9/21/04		4.70	--	NA**
12/30/04		4.23	--	NA**
4/6/05		3.50	--	NA**
9/29/05		4.62	--	NA**
12/9/05		3.92	--	NA**
3/7/06		NA	--	NA**
6/20/06		3.84	--	NA**
8/23/06		NA	--	NA**
11/9/06		4.39	--	NA**
3/21/07		NA	--	NA**
6/7/07		3.95	--	NA**
8/16/07		4.46	--	NA**
12/5/07		4.30	--	NA**

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MW-9				
9/4/02	11.07	6.26	--	4.81
12/17/02		4.23	--	6.84
3/7/03		5.26	--	5.81
6/5/03		5.56	--	5.51
9/19/03		6.25	--	4.82
12/12/03			Truck Parked Over Well	
3/15/04		5.04	--	6.03
6/22/04		5.91	--	5.16
9/21/04		6.24	--	4.83
12/30/04			Truck Parked Over Well	
4/6/05		4.12	--	6.95
9/29/05		5.55	--	5.52
12/9/05		5.51	--	5.56
3/7/06		NA	--	NA
6/20/06		5.39	--	5.68
8/23/06		4.78	--	6.29
11/9/06		5.87	--	5.20
3/20/07		5.02	--	6.05
5/17/07		5.53	--	5.54
8/16/07			Truck Parked Over Well	
12/5/07			Truck Parked Over Well	

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Well ID & Date Sampled	Top of Casing Elevation (msl)	Depth to Water (feet)	Free-Floating Hydrocarbon Thickness (feet)	Groundwater Elevation (msl)
MW-10				
10/12/06	11.56	6.02	--	5.54
11/9/06		6.24	--	5.32
3/20/07		5.21	--	6.35
5/17/07		6.21	--	5.35
8/16/07		6.56	--	5.00
12/5/07		6.42	--	5.14

Notes:

Mid Coast Engineers (MCE) surveyed all site monitoring wells on July 11, 2002 to mean sea level (MSL). The updated elevation data is reflected in the table above.

* = Groundwater elevation adjusted for the presence of free-floating hydrocarbons by the equation: Adjusted groundwater elevation = Top of casing elevation - depth to groundwater + (0.8 x free-floating hydrocarbon thickness)

** = Top of casing elevation has changed and well has not been resurveyed.

*** = Product was bailed by OTS staff prior to measurement by ASE.

NM = Not Measured

TABLE TWO
Summary of Chemical Analysis of GROUNDWATER Samples
Petroleum Hydrocarbons
All results are in parts per billion

Well ID DATE	TPH Gasoline	TPH Diesel	TPH Motor Oil	Benzene	Toluene	Ethyl Benzene	Total Xylenes	MTBE	DIPE	ETBE	TAME	TBA
MW-2												
8/16/99	2,200	970*	< 500	3.8	< 2.0	3	< 4.0	< 20	NA	NA	NA	NA
12/6/99	1,900	400*	< 500	16	< 0.5	1.5	< 0.5	5.2	NA	NA	NA	NA
3/8/00	1,600*	530*	< 500	9.7	< 0.5	2.7	< 0.5	27	NA	NA	NA	NA
6/14/00	2,000	75	< 100	2.8	< 0.5	3.4	< 0.5	16	3.4	< 0.5	< 0.5	64
12/11/00	1,000	120	< 100	2.6	< 0.5	< 0.5	< 0.5	15	2.9	< 0.5	< 0.5	62
3/6/01	1,500	1,400	NA	2.2	< 0.5	1.7	< 0.5	22	3.4	< 0.5	< 0.5	83
6/6/01	1,700	190	NA	2.6	< 0.5	2.3	< 0.5	26	3.2	< 0.5	< 0.5	83
9/4/01	2,000	450	NA	2.7	< 0.5	2.1	< 0.5	33	3.4	< 0.5	< 0.5	93
3/11/02	1,100	410	NA	1.0	< 0.5	0.5	< 0.5	26	2.5	< 0.5	< 0.5	69
6/6/02	900	430	NA	1.2	< 0.5	< 0.5	< 0.5	23	2.8	< 0.5	< 0.5	73
9/4/02	910	510	NA	1.6	< 0.5	< 0.5	< 0.5	45	2.5	< 0.5	< 0.5	67
12/17/02	190	220	NA	0.65	< 0.5	< 0.5	< 0.5	34	1.5	< 0.5	< 0.5	46
3/7/03	380	300	NA	0.81	< 0.5	< 0.5	< 0.5	50	1.9	< 0.5	< 0.5	73
6/5/03	2,200	2,200	NA	1.7	< 0.5	1.5	< 0.5	180	4.9	< 0.5	1.3	110
9/19/03	2,300	520	NA	2.0	< 0.5	2.1	< 0.5	180	3.7	< 0.5	1.1	120
12/12/03	3,000	2,200	NA	2.1	< 0.5	1.7	< 0.5	250	4.5	< 0.5	1.6	130
3/15/04	Not Sampled - Truck Parked Over Well											
6/22/04	1,600	420	NA	1.3	< 0.5	1.0	< 0.5	580	4.6	< 0.5	3.9	340
9/21/04	2,500	< 400	NA	1.2	< 0.5	1.5	< 0.5	730	5.9	< 0.5	4.9	550
12/30/04	1,800	< 300	NA	1.2	< 1.0	< 1.0	< 1.0	540	5.0	< 1.0	3.6	400
4/6/05	Not Sampled - Truck Parked Over Well											
9/29/05	Not Sampled - Truck Parked Over Well											
12/9/04	1,000	720	NA	1.0	< 0.7	< 0.7	< 0.7	330	6.5	< 0.7	2.3	1,800
3/6/06	1,000	< 80	NA	1.2	< 0.5	0.6	< 0.5	290	5.4	< 0.5	1.9	1,600
6/20/06	1,100	< 80	NA	1.6	< 0.5	1.0	< 0.5	280	5.8	< 0.5	1.5	< 1,500
8/23/06	1,600	< 200	NA	1.5	< 0.90	< 0.90	< 0.90	290	5.5	< 0.90	1.8	2,100
11/16/06	350	120	140	0.56	< 0.50	< 0.50	< 0.50	180	4.1	< 0.50	0.96	1,300
3/20/07	460	110	NA	0.67	< 0.50	< 0.50	< 0.50	160	4.3	< 0.50	0.90	1,500
5/17/07	710	85	NA	< 0.50	< 0.50	< 0.50	< 0.50	160	4.4	< 0.50	0.88	2,000
8/16/07	460	200	NA	< 0.90	< 0.90	< 0.90	< 0.90	150	6.1	< 0.90	< 0.90	2,700
12/5/07	1,500	< 80	< 100	< 0.90	< 0.90	< 0.90	< 0.90	66	3.8	< 0.90	< 0.90	2,000

TABLE TWO
Summary of Chemical Analysis of GROUNDWATER Samples
Petroleum Hydrocarbons
All results are in parts per billion

Well ID DATE	TPH Gasoline	TPH Diesel	TPH Motor Oil	Benzene	Toluene	Ethyl Benzene	Total Xylenes	MTBE	DIPE	ETBE	TAME	TBA
MW-3												
8/16/99	56,000	10,000**	< 500	17,000	2,600	2,600	1,200	6,100	NA	NA	NA	NA
12/6/99	40,000	9,100*	< 500	16,000	140	1,800	100	2,200/4,000#	NA	NA	NA	NA
3/8/00	22,000	4,500*	< 500	11,000	72	1,100	130	3,400	NA	NA	NA	NA
6/14/00	34,000	16,000	< 100	13,000	94	1,300	160	4,800	31	< 10	21	2,700
12/11/00	24,000	14,000	< 100	13,000	88	780	120	4,300	< 50	< 50	< 50	2,300
3/6/01	34,000	12,000	NA	15,000	100	1,100	130	4,000	< 50	< 50	< 50	2,100
6/6/01	34,000	20,000	NA	14,000	94	550	110	4,400	< 50	< 50	< 50	2,300
9/4/01	29,000	19,000	NA	13,000	83	480	83	4,100	< 50	< 50	< 50	3,400
3/11/02	12,000	14,000	NA	2,900	< 20	110	< 20	530	< 20	< 20	< 20	330
6/6/02	20,000	14,000	NA	10,000	< 50	200	51	2,400	< 50	< 50	< 50	1,200
9/4/02	24,000	17,000	NA	11,000	< 50	140	< 50	3,200	< 50	< 50	< 50	1,400
12/17/02	4,900	17,000	NA	2,000	< 10	52	12	360	< 10	< 10	< 10	220
3/7/03	8,700	16,000	NA	2,300	< 10	43	11	770	< 10	< 10	< 10	360
6/5/03	27,000	14,000	NA	10,000	53	220	53	5,000	< 50	< 50	< 50	1,600
9/19/03	120,000	13,000	NA	20,000	170	710	250	6,100	< 25	< 25	< 25	2,600
12/12/03	29,000	27,000	NA	12,000	74	240	79	5,600	17	< 10	30	2,100
3/15/04	28,000	21,000	NA	11,000	72	220	64	8,200	< 50	< 50	< 50	2,900
6/22/04	29,000	7,600	NA	11,000	71	220	54	8,400	< 50	< 50	< 50	3,000
9/21/04	33,000	< 5,000	NA	12,000	67	190	56	8,200	< 25	< 25	47	3,200
12/30/04	30,000	13,000	NA	11,000	62	170	49	8,900	< 25	< 25	49	3,200
4/6/05	29,000	46,000	NA	10,000	55	170	47	8,800	< 25	< 25	50	4,400
9/29/05	28,000	1,800	NA	8,700	74	190	53	7,300	< 15	< 15	53	4,500
12/9/05	17,000	19,000	NA	5,600	40	110	30	4,400	< 15	< 15	30	2,800
3/6/06	11,000	16,000	NA	3,600	26	96	22	2,400	< 7.0	< 7.0	19	1,400
6/20/06	18,000	20,000	NA	6,900	45	130	29	5,000	9.5	< 7.0	34	2,900
8/23/06	22,000	9,500	NA	6,200	33	100	19	4,800	9.8	< 9.0	34	3,100
11/16/06	16,000	16,000	810	5,800	26	87	18	2,700	10	< 9.0	20	1,800
3/20/07	23,000	12,000	NA	7,600	39	100	21	5,000	16	< 8.0	35	3,200
5/17/07	22,000	18,000	NA	10,000	44	110	27	5,500	< 15	< 15	41	3,200
8/16/07	16,000	63,000	NA	5,900	33	66	25	4,600	< 15	< 15	39	3,400
12/5/07	21,000	6,400	890	8,000	55	120	42	4,600	< 15	< 15	34	4,600

TABLE TWO
Summary of Chemical Analysis of GROUNDWATER Samples
Petroleum Hydrocarbons
All results are in parts per billion

Well ID DATE	TPH Gasoline	TPH Diesel	TPH Motor Oil	Benzene	Toluene	Ethyl Benzene	Total Xylenes	MTBE	DIPE	ETBE	TAME	TBA
MW-4												
8/16/99	61***	1,100*	< 500	< 0.5	< 0.5	< 0.5	< 1.0	86	NA	NA	NA	NA
12/16/99	130***	220*	< 500	< 1.0	< 1.0	< 1.0	< 1.0	130	NA	NA	NA	NA
3/8/00	< 50	220*	< 500	< 0.5	< 0.5	< 0.5	< 0.5	130	NA	NA	NA	NA
6/14/00	< 50	< 50	< 100	< 0.5	< 0.5	< 0.5	< 0.5	100	< 0.5	< 0.5	< 0.5	20
12/11/00	< 50	< 50	< 100	< 0.5	< 0.5	< 0.5	< 0.5	110	< 0.5	< 0.5	< 0.5	16
3/16/01	< 50	670	NA	< 0.5	< 0.5	< 0.5	< 0.5	110	< 0.5	< 0.5	< 0.5	9.9
6/16/01	< 50	790	NA	< 0.5	< 0.5	< 0.5	< 0.5	110	< 0.5	< 0.5	< 0.5	20
9/4/01	< 50	950	NA	< 0.5	< 0.5	< 0.5	< 0.5	110	< 0.5	< 0.5	< 0.5	26
3/11/02	< 50	250	NA	< 0.5	< 0.5	< 0.5	< 0.5	84	< 0.5	< 0.5	< 0.5	21
6/16/02	< 50	710	NA	< 0.5	< 0.5	< 0.5	< 0.5	92	< 0.5	< 0.5	< 0.5	21
9/14/02	< 50	1,100	NA	< 0.5	< 0.5	< 0.5	< 0.5	150	< 0.5	< 0.5	< 0.5	18
12/17/02	< 50	470	NA	< 0.5	< 0.5	< 0.5	< 0.5	120	< 0.5	< 0.5	< 0.5	< 5.0
3/17/03	< 50	470	NA	< 0.5	< 0.5	< 0.5	< 0.5	120	< 0.5	< 0.5	0.52	18
6/15/03	< 50	2,000	NA	< 0.5	< 0.5	< 0.5	< 0.5	110	< 0.5	< 0.5	0.50	23
9/19/03	< 50	830	NA	< 0.5	< 0.5	< 0.5	< 0.5	110	< 0.5	< 0.5	< 0.80	23
12/12/03	< 50	1,700	NA	< 0.5	< 0.5	< 0.5	< 0.5	120	< 0.5	< 0.5	< 0.5	16
3/15/04	< 50	2,200	NA	< 0.5	< 0.5	< 0.5	< 0.5	110	< 0.5	< 0.5	< 0.5	20
9/21/04	< 50	620	NA	< 0.5	< 0.5	< 0.5	< 0.5	93	< 0.5	< 0.5	< 0.5	31
4/16/05	< 50	< 50	NA	< 0.5	< 0.5	< 0.5	< 0.5	59	< 0.5	< 0.5	< 0.5	50
9/29/05	< 50	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	17	< 0.50	< 0.50	< 0.50	120
12/9/05	< 50	760	NA	< 0.50	< 0.50	< 0.50	< 0.50	9.5	< 0.50	< 0.50	< 0.50	94
3/16/06	< 50	470	NA	< 0.50	< 0.50	< 0.50	< 0.50	11	< 0.50	< 0.50	< 0.50	68
6/20/06	< 50	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	11	< 0.50	< 0.50	< 0.50	120
8/23/06	< 50	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	8.2	< 0.50	< 0.50	< 0.50	140
11/9/06	< 50	200	410	< 0.50	< 0.50	< 0.50	< 0.50	7.7	< 0.50	< 0.50	< 0.50	130
3/20/07	< 50	860	NA	< 0.50	< 0.50	< 0.50	< 0.50	6.3	< 0.50	< 0.50	< 0.50	42
5/17/07	< 50	600	NA	< 0.50	< 0.50	< 0.50	< 0.50	5.6	< 0.50	< 0.50	< 0.50	32
8/16/07	< 50	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	4.6	< 0.50	< 0.50	< 0.50	64
12/15/07	1,300	3,600	5,600	< 0.50	< 0.50	< 0.50	< 0.50	1.4	< 0.50	< 0.50	< 0.50	30

TABLE TWO
Summary of Chemical Analysis of GROUNDWATER Samples
Petroleum Hydrocarbons
All results are in parts per billion

Well ID DATE	TPH Gasoline	TPH Diesel	TPH Motor Oil	Benzene	Toluene	Ethyl Benzene	Total Xylenes	MTBE	DIPE	ETBE	TAME	TBA
<u>MW-5</u>												
12/6/99	450***	2,000*	< 500	< 1.0	< 1.0	< 1.0	< 1.0	21	NA	NA	NA	NA
3/8/00	51***	530*	< 500	< 0.5	< 0.5	< 0.5	< 0.5	84	NA	NA	NA	NA
6/14/00	380	1,400	< 100	< 0.5	< 0.5	< 0.5	< 0.5	160	12	< 0.5	< 0.5	22
12/11/00	540	590	< 100	< 0.5	< 0.5	< 0.5	< 0.5	240	9.5	< 0.5	< 0.5	32
3/6/01	510	2,900	NA	< 0.5	< 0.5	< 0.5	< 0.5	140	13	< 0.5	< 0.5	19
6/6/01	280	2,700	NA	< 0.5	< 0.5	< 0.5	< 0.5	180	13	< 0.5	< 0.5	26
9/14/01	630	2,600	NA	< 0.5	< 0.5	< 0.5	< 0.5	180	9.4	< 0.5	< 0.5	29
3/11/02	97	3,500	NA	< 0.5	< 0.5	< 0.5	< 0.5	29	0.79	< 0.5	< 0.5	7.4
6/6/02	61	3,500	NA	< 0.5	< 0.5	< 0.5	< 0.5	150	2.9	< 0.5	< 0.5	34
9/14/02	92	6,100	NA	< 0.5	< 0.5	< 0.5	< 0.5	370	3.6	< 0.5	< 0.5	72
12/17/02	110	2,100	NA	< 0.5	< 0.5	< 0.5	< 0.5	110	4.2	< 0.5	< 0.5	14
3/7/03	71	1,600	NA	< 0.5	< 0.5	< 0.5	< 0.5	150	2.2	< 0.5	< 0.5	35
6/5/03	95	3,300	NA	< 0.5	< 0.5	< 0.5	< 0.5	170	4.6	< 0.5	< 0.5	43
9/19/03	100	1,400	NA	< 0.5	< 0.5	< 0.5	< 0.5	310	5.2	< 0.5	0.68	86
12/12/03	< 50	7,600	NA	< 0.5	< 0.5	< 0.5	< 0.5	270	5.9	< 0.5	0.70	91
3/15/04	95	1,700	NA	< 0.5	< 0.5	< 0.5	< 0.5	290	6.7	< 0.5	0.92	200
9/21/04	78	990	NA	< 0.5	< 0.5	< 0.5	< 0.5	270	4.7	< 0.5	0.96	880
4/6/05	64	1,200	NA	< 0.5	< 0.5	< 0.5	< 0.5	120	4.8	< 0.5	< 0.5	780
9/29/05	100	640	NA	< 0.50	< 0.50	< 0.50	< 0.50	77	3.7	< 0.50	< 0.50	4,000
12/9/05	99	3,700	NA	< 0.50	< 0.50	< 0.50	< 0.50	66	3.8	< 0.50	< 0.50	3,000
3/6/06	66	760	NA	< 0.50	< 0.50	< 0.50	< 0.50	42	2.9	< 0.50	< 0.50	1,600
6/20/06	84	1,300	NA	< 0.50	< 0.50	< 0.50	< 0.50	42	3.6	< 0.50	< 0.50	3,000
8/23/06	< 200	410	NA	2.1	< 2.0	< 2.0	< 2.0	37	2.8	< 2.0	< 2.0	4,800
11/9/06	< 200	700	< 100	< 2.0	< 2.0	< 2.0	< 2.0	28	3.0	< 2.0	< 2.0	5,600
3/20/07	< 200	430	NA	< 2.0	< 2.0	< 2.0	< 2.0	22	3.0	< 2.0	< 2.0	3,800
5/17/07	< 200	500	NA	< 2.0	< 2.0	< 2.0	< 2.0	18	3.5	< 2.0	< 2.0	4,300
8/16/07	< 200	1,600	NA	< 2.0	< 2.0	< 2.0	< 2.0	13	3.0	< 2.0	< 2.0	6,400
12/5/07	< 200	1,400	120	< 2.0	< 2.0	< 2.0	< 2.0	8.2	2.6	< 2.0	< 2.0	4,700

TABLE TWO
Summary of Chemical Analysis of GROUNDWATER Samples
Petroleum Hydrocarbons
All results are in parts per billion

Well ID DATE	TPH Gasoline	TPH Diesel	TPH Motor Oil	Benzene	Toluene	Ethyl Benzene	Total Xylenes	MTBE	DIPE	ETBE	TAME	TBA
MW-6												
12/6/99	13,000	< 50	< 500	180	21	11	24	< 100	NA	NA	NA	NA
3/8/00	< 10,000	4,600*	< 500	230	26	18	39	12,000	NA	NA	NA	NA
6/14/00	8,400	12,000	< 100	190	12	9.5	22	15,000	< 5.0	< 5.0	70	3,300
12/11/00	< 5,000	10,000	< 100	190	< 50	< 50	< 50	14,000	< 50	< 50	74	2,900
3/6/01	5,300	6,700	NA	220	< 50	< 50	< 50	13,000	< 50	< 50	84	2,100
6/6/01	5,000	23,000	NA	210	< 25	< 25	< 25	12,000	< 25	< 25	84	4,200
9/4/01	5,400	22,000	NA	190	12	< 10	23	15,000	< 10	< 10	79	4,000
3/11/02	4,600	11,000	NA	160	< 25	< 25	< 25	15,000	< 25	< 25	39	5,100
6/6/02	< 5,000	14,000	NA	200	< 50	< 50	< 50	17,000	< 50	< 50	77	8,700
9/4/02	< 5,000	50,000	NA	140	< 50	< 50	< 50	21,000	< 50	< 50	52	7,500
12/17/02	< 5,000	9,100	NA	130	< 50	< 50	< 50	16,000	< 50	< 50	64	6,300
3/7/03	< 5,000	12,000	NA	160	< 50	< 50	< 50	20,000	< 50	< 50	53	7,500
6/5/03	< 5,000	23,000	NA	230	< 50	< 50	< 50	19,000	< 50	< 50	86	7,100
9/19/03	8,900	24,000	NA	220	< 25	< 25	< 25	15,000	< 25	< 25	74	8,100
12/12/03	8,000	24,000	NA	190	< 25	< 25	32	14,000	< 25	< 25	65	7,400
3/15/04	4,400	26,000	NA	190	< 25	< 25	< 25	9,900	< 25	< 25	61	6,700
6/22/04	3,500	7,000	NA	150	< 20	< 20	< 20	9,200	< 20	< 20	51	6,100
9/21/04	4,600	12,000	NA	210	< 20	< 20	< 20	8,800	< 20	< 20	55	7,000
12/30/04	5,300	11,000	NA	190	< 20	< 20	< 20	6,300	< 20	< 20	53	4,900
4/6/05	5,100	680	NA	190	13	12	32	3,700	< 5.0	< 5.0	42	4,600
9/29/05	4,900	2,800	NA	130	8.9	< 5.0	13	2,100	< 5.0	< 5.0	23	3,200
12/9/05	3,600	10,000	NA	110	7.1	< 5.0	7.9	2,700	< 5.0	< 5.0	22	4,200
3/6/06	3,900	900	NA	120	9.3	5.2	13	3,000	< 0.50	< 0.50	26	4,400
6/20/06	3,600	1,500	NA	140	10	5.2	18	1,600	< 3.0	< 3.0	23	3,600
8/23/06	4,300	< 800	NA	140	11	4.6	16	2,000	< 4.0	< 4.0	22	4,000
11/9/06	3,200	1,700	< 100	110	6.9	< 4.0	8.2	1,500	< 4.0	< 4.0	16	3,900
3/20/07	2,100	920	NA	120	7.9	< 4.0	7.1	2,000	< 4.0	< 4.0	20	4,000
5/17/07	3,800	600	NA	140	9.5	< 4.0	15	1,700	< 4.0	< 4.0	21	3,200
8/16/07	3,500	780	NA	160	9.3	< 3.0	14	1,800	< 3.0	< 3.0	21	3,600
12/5/07	4,500	< 600	< 100	100	8.7	< 4.0	14	1,400	< 4.0	< 4.0	15	4,900

TABLE TWO
Summary of Chemical Analysis of GROUNDWATER Samples
Petroleum Hydrocarbons
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Well ID DATE	TPH Gasoline	TPH Diesel	TPH Motor Oil	Benzene	Toluene	Ethyl Benzene	Total Xylenes	MTBE	DIPE	ETBE	TAME	TBA
MW-7												
9/4/02	< 50	130****	NA	< 0.5	< 0.5	< 0.5	< 0.5	3.4	< 0.5	< 0.5	< 0.5	< 5.0
12/17/02	< 50	220	NA	< 0.5	< 0.5	< 0.5	< 0.5	2.8	< 0.5	< 0.5	< 0.5	< 5.0
3/7/03	< 50	140	NA	< 0.5	< 0.5	< 0.5	< 0.5	1.8	< 0.5	< 0.5	< 0.5	< 5.0
6/5/03	< 50	200	NA	< 0.5	< 0.5	< 0.5	< 0.5	2.5	< 0.5	< 0.5	< 0.5	< 5.0
9/19/03	< 50	320	NA	< 0.5	< 0.5	< 0.5	< 0.5	5.0	< 0.5	< 0.5	< 0.5	< 5.0
12/12/03	< 50	380	NA	< 0.5	< 0.5	< 0.5	< 0.5	2.3	< 0.5	< 0.5	< 0.5	< 5.0
3/15/04	Not Sampled - Truck Parked Over Well											
9/21/04	< 50	79	NA	< 0.5	< 0.5	< 0.5	< 0.5	2.6	< 0.5	< 0.5	< 0.5	< 5.0
4/6/05	< 50	< 50	NA	< 0.5	< 0.5	< 0.5	< 0.5	9.2	< 0.5	< 0.5	< 0.5	< 5.0
9/29/05	< 50	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	12	< 0.50	< 0.50	< 0.50	< 5.0
12/9/05	< 50	120	NA	< 0.50	< 0.50	< 0.50	< 0.50	10	< 0.50	< 0.50	< 0.50	< 5.0
3/6/06	< 50	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	9	< 0.50	< 0.50	< 0.50	< 5.0
6/20/06	< 50	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	11	< 0.50	< 0.50	< 0.50	< 5.0
8/23/06	< 50	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	8.5	< 0.50	< 0.50	< 0.50	< 5.0
11/9/06	< 50	< 50	< 100	< 0.50	< 0.50	< 0.50	< 0.50	5.7	< 0.50	< 0.50	< 0.50	< 5.0
3/20/07	< 50	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	2.1	< 0.50	< 0.50	< 0.50	< 5.0
5/17/07	< 50	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	2.0	< 0.50	< 0.50	< 0.50	< 5.0
8/16/07	< 50	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	1.6	< 0.50	< 0.50	< 0.50	< 5.0
12/5/07	Not Sampled - Truck Parked Over Well											

TABLE TWO
Summary of Chemical Analysis of GROUNDWATER Samples
Petroleum Hydrocarbons
All results are in parts per billion

Well ID DATE	TPH Gasoline	TPH Diesel	TPH Motor Oil	Benzene	Toluene	Ethyl Benzene	Total Xylenes	MTBE	DIPE	ETBE	TAME	TBA
MW-8												
9/4/02	< 50	170	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
12/17/02	< 50	100	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
3/7/03	< 50	62	NA	< 0.5	< 0.5	< 0.5	< 0.5	33	< 0.5	< 0.5	< 0.5	< 0.5
6/5/03	< 50	270	NA	< 0.5	< 0.5	< 0.5	< 0.5	13	< 0.5	< 0.5	< 0.5	< 0.5
9/19/03	< 50	250	NA	< 0.5	< 0.5	< 0.5	< 0.5	11	< 0.5	< 0.5	< 0.5	< 0.5
12/12/03	< 50	420	NA	< 0.5	< 0.5	< 0.5	< 0.5	11	< 0.5	< 0.5	< 0.5	< 0.5
3/15/04	< 50	250	NA	< 0.5	< 0.5	< 0.5	< 0.5	6.4	< 0.5	< 0.5	< 0.5	< 0.5
9/21/04	< 50	< 50	NA	< 0.5	< 0.5	< 0.5	< 0.5	11	< 0.5	< 0.5	< 0.5	< 0.5
4/6/05	< 50	< 50	NA	< 0.5	< 0.5	< 0.5	< 0.5	8.0	< 0.5	< 0.5	< 0.5	< 0.5
9/29/05	< 50	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	18	< 0.50	< 0.50	< 0.50	< 0.50
12/9/05	< 50	86	NA	< 0.50	< 0.50	< 0.50	< 0.50	9.7	< 0.50	< 0.50	< 0.50	< 0.50
3/6/06	Not Sampled - Truck Parked Over Well											
6/20/06	< 50	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	6.6	< 0.50	< 0.50	< 0.50	< 0.50
8/23/06	Not Sampled - Truck Parked Over Well											
11/9/06	< 50	< 50	< 100	< 0.50	< 0.50	< 0.50	< 0.50	9.3	< 0.50	< 0.50	< 0.50	< 0.50
3/22/07	< 50	250	NA	< 0.50	< 0.50	< 0.50	< 0.50	10	< 0.50	< 0.50	< 0.50	< 0.50
6/17/07	< 50	350	NA	< 0.50	< 0.50	< 0.50	< 0.50	3.3	< 0.50	< 0.50	< 0.50	< 0.50
8/16/07	< 50	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	11	< 0.50	< 0.50	< 0.50	< 0.50
12/5/07	< 50	< 50	< 100	< 0.50	< 0.50	< 0.50	< 0.50	13	< 0.50	< 0.50	< 0.50	< 0.50
MW-9												
9/4/02	< 2,500	1,000	NA	< 25	< 25	< 25	< 25	12,000	< 25	< 25	70	1,700
12/17/02	< 2,000	880	NA	< 20	< 20	< 20	< 20	4,500	< 20	< 20	23	2,300
3/7/03	< 500	450	NA	< 5.0	< 5.0	< 5.0	< 5.0	1,700	< 5.0	< 5.0	8.4	6,600
6/5/03	< 500	4,500	NA	< 5.0	< 5.0	< 5.0	< 5.0	120	< 5.0	< 5.0	< 5.0	17,000
9/19/03	< 1,000	4,500	NA	< 10	< 10	< 10	< 10	38	< 10	< 10	< 10	15,000
12/12/03	Not Sampled - Truck Parked Over Well											
3/15/04	< 1,000	82	NA	< 10	< 10	< 10	< 10	38	< 10	< 10	< 10	18,000
9/21/04	< 1,000	2,600	NA	< 10	< 10	< 10	< 10	17	< 10	< 10	< 10	16,000
12/30/04	Not Sampled - Truck Parked Over Well											
4/6/05	< 700	< 50	NA	< 7.0	< 7.0	< 7.0	< 7.0	55	< 7.0	< 7.0	< 7.0	15,000
9/29/05	< 700	< 50	NA	< 7.0	< 7.0	< 7.0	< 7.0	34	< 7.0	< 7.0	< 7.0	13,000
12/9/05	< 400	3,200	NA	46	< 4.0	< 4.0	< 4.0	12	< 4.0	< 4.0	< 4.0	8,200
3/6/06	Not Sampled - Truck Parked Over Well											
6/20/06	Not Sampled - Truck Parked Over Well											
8/23/06	< 250	< 50	NA	9.6	< 2.5	< 2.5	< 2.5	18	< 2.5	< 2.5	< 2.5	6,000
11/9/06	< 150	< 50	< 100	13	< 1.5	< 1.5	< 1.5	3.1	< 1.5	< 1.5	< 1.5	3,900
3/20/07	< 150	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	3.2	< 0.50	< 0.50	< 0.50	2,900
5/17/07	< 50	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	6.0	< 0.50	< 0.50	< 0.50	880
8/16/07	Not Sampled - Truck Parked Over Well											
12/5/07	Not Sampled - Truck Parked Over Well											

TABLE TWO
Summary of Chemical Analysis of GROUNDWATER Samples
Petroleum Hydrocarbons
All results are in parts per billion

Well ID DATE	TPH Gasoline	TPH Diesel	TPH Motor Oil	Benzene	Toluene	Ethyl Benzene	Total Xylenes	MTBE	DIPE	ETBE	TAME	TBA
MW-10												
10/12/06	< 50	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	1.7	< 0.50	< 0.50	< 0.50	27
11/9/06	< 50	< 50	< 100	< 0.50	< 0.50	< 0.50	< 0.50	1.7	< 0.50	< 0.50	< 0.50	82
3/20/07	< 50	270	NA	< 0.50	< 0.50	< 0.50	< 0.50	1.2	< 0.50	< 0.50	< 0.50	84
5/17/07	< 50	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	1.4	< 0.50	< 0.50	< 0.50	55
8/16/07	< 50	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	1.7	< 0.50	< 0.50	< 0.50	28
12/5/07	< 50	< 50	< 100	< 0.50	< 0.50	< 0.50	< 0.50	0.94	< 0.50	< 0.50	< 0.50	13
ESL	100	100	100	1	40	30	20	5	NE	NE	NE	NE

Notes:

Non-detectable concentrations are noted by the less than symbol (<) followed by the detection limit.

Most recent concentrations are in bold.

DHS MCL is the California Department of Health Services maximum contaminant level for drinking water.

ESL = Environmental screening levels presented in the "Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater (November 2007)" document prepared by the California Regional Water Quality Control Board, San Francisco Bay Region for sites where groundwater is a current or potential source of drinking water.

NE = ESL not established.

NA = Sample not analyzed for this compound.

* = Non-typical diesel pattern, hydrocarbons in early diesel range.

** = Estimated concentration due to overlapping fuel patterns in the sample.

*** = Non-typical gasoline pattern.

**** = Non-typical diesel pattern.

= MTBE concentration by EPA Method 8260

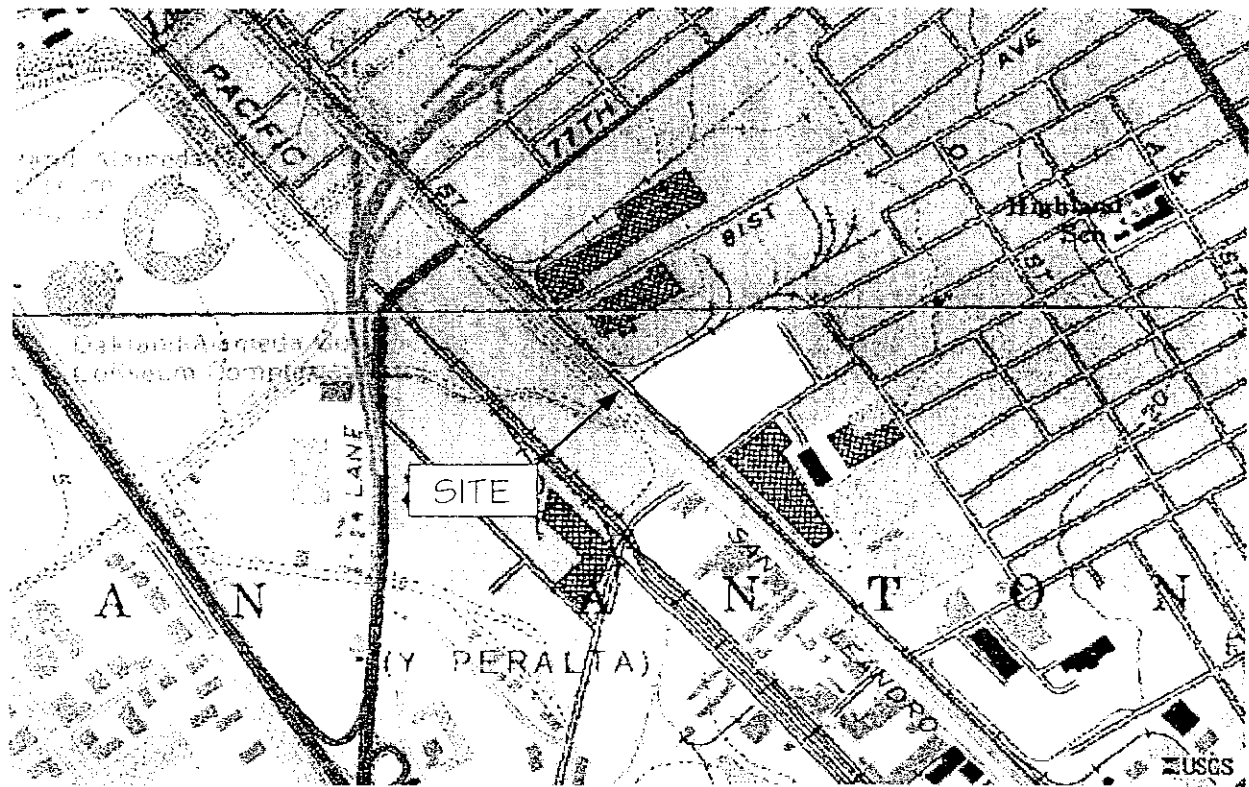


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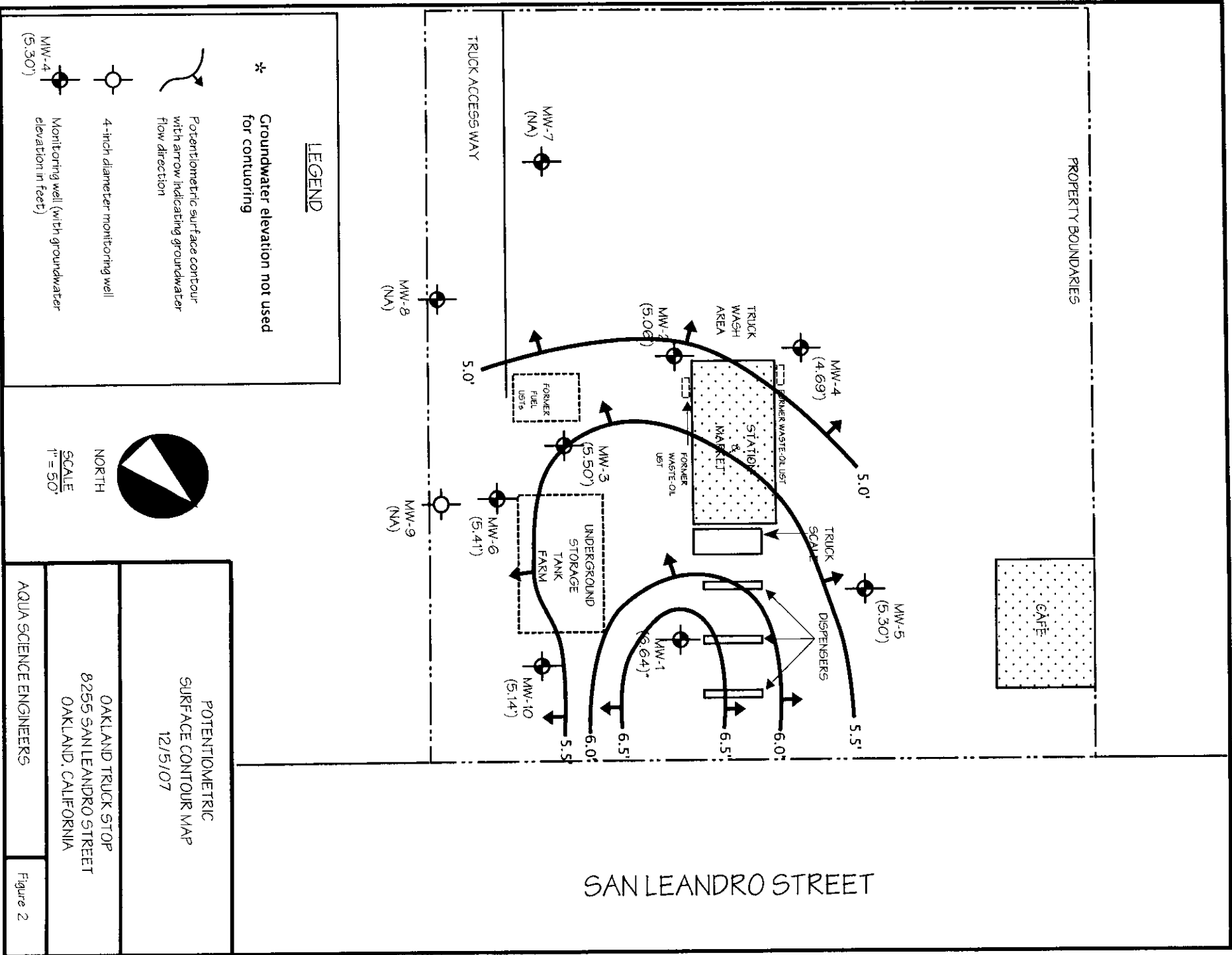
FIGURES



NORTH



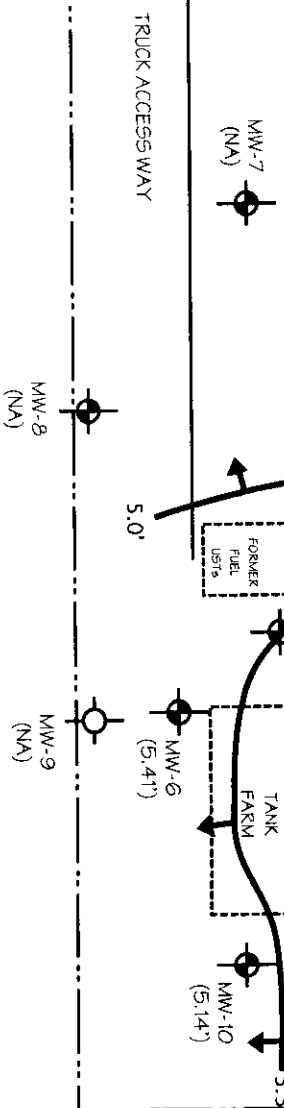
LOCATION MAP	
OAKLAND TRUCK STOP 8255 SAN LEANDRO STREET OAKLAND, CALIFORNIA	
AQUA SCIENCE ENGINEERS, INC.	Figure 1



PROPERTY BOUNDARIES

CAFE

SAN LEANDRO STREET



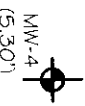
LEGEND

* Groundwater elevation not used for contouring

Potentiometric surface contour with arrow indicating groundwater flow direction



4-inch diameter monitoring well



Monitoring well (with groundwater elevation in feet)



NORTH

SCALE
1" = 50'

POTENTIOMETRIC SURFACE CONTOUR MAP
12/5/07

OAKLAND TRUCK STOP
8255 SAN LEANDRO STREET
OAKLAND, CALIFORNIA

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Figure 2



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APPENDIX A

Well Sampling Field Logs

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME AKLAND TRUCK STOP

JOB NUMBER

DATE OF SAMPLING 12-5-07

WELL ID. MW-1

SAMPLER Bill D

TOTAL DEPTH OF WELL 10.2

WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING ~~5.70~~

PRODUCT THICKNESS 4.10 - 5.50

DEPTH OF WELL CASING IN WATER

NUMBER OF GALLONS PER WELL CASING VOLUME

NUMBER OF WELL CASING VOLUMES TO BE REMOVED

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING

EQUIPMENT USED TO PURGE WELL VS

TIME EVACUATION STARTED 1:15

TIME EVACUATION COMPLETED 1:45

TIME SAMPLES WERE COLLECTED NO SAMPLES

DID WELL GO DRY

AFTER HOW MANY GALLONS

VOLUME OF GROUNDWATER PURGED

SAMPLING DEVICE

SAMPLE COLOR

ODOR/SEDIMENT

PURGE FREE PRODUCT 4 GALLONS

3 well caps replaced

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
<u>4</u>			

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME OAKLAND TRUCK Stop

JOB NUMBER

DATE OF SAMPLING 12-5-7

WELL ID. MW-2

SAMPLER B11 D

TOTAL DEPTH OF WELL 14.5

WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 5.64

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 8.87

NUMBER OF GALLONS PER WELL CASING VOLUME 1.50

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 4.50

EQUIPMENT USED TO PURGE WELL BAILER

TIME EVACUATION STARTED 9:45

TIME EVACUATION COMPLETED 10:00

TIME SAMPLES WERE COLLECTED 10:05

DID WELL GO DRY NO

AFTER HOW MANY GALLONS

VOLUME OF GROUNDWATER PURGED

SAMPLING DEVICE BAILER

SAMPLE COLOR CLEAR

ODOR/SEDIMENT

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
<u>1.5</u>	<u>65.8</u>	<u>7.50</u>	<u>1560</u>
<u>3</u>	<u>67.2</u>	<u>6.95</u>	<u>1531</u>
<u>4.5</u>	<u>66.2</u>	<u>6.98</u>	<u>1533</u>

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVATIVE

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME OAKLAND TRUCK STOP

JOB NUMBER _____

DATE OF SAMPLING 12-5-07

WELL ID. MW-3

SAMPLER Bill D

TOTAL DEPTH OF WELL 15.00

WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 4.82

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 10.18

NUMBER OF GALLONS PER WELL CASING VOLUME 8 1.73

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 5.19

EQUIPMENT USED TO PURGE WELL BAILER

TIME EVACUATION STARTED 10:30

TIME EVACUATION COMPLETED 10:45

TIME SAMPLES WERE COLLECTED 10:55

DID WELL GO DRY _____

AFTER HOW MANY GALLONS _____

VOLUME OF GROUNDWATER PURGED _____

SAMPLING DEVICE _____

SAMPLE COLOR BROWN

ODOR / SEDIMENT _____

Sheen

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
<u>2</u>	<u>66.5</u>	<u>7.84</u>	<u>1159</u>
<u>4</u>	<u>66.7</u>	<u>6.72</u>	<u>1141</u>
<u>6</u>	<u>68.1</u>	<u>7.20</u>	<u>1039</u>

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVE

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME **OAKLAND TRUCK STOP**

JOB NUMBER

DATE OF SAMPLING **12-5-07**

WELL ID. **MW-4**

SAMPLER **Bill D**

TOTAL DEPTH OF WELL **14.0**

WELL DIAMETER **2"**

DEPTH TO WATER PRIOR TO PURGING **5.20**

PRODUCT THICKNESS **0**

DEPTH OF WELL CASING IN WATER **8.8**

NUMBER OF GALLONS PER WELL CASING VOLUME **1.49**

NUMBER OF WELL CASING VOLUMES TO BE REMOVED **3**

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING **4.48**

EQUIPMENT USED TO PURGE WELL **BAILER**

TIME EVACUATION STARTED **11:15**

TIME EVACUATION COMPLETED **11:30**

TIME SAMPLES WERE COLLECTED **11:40**

DID WELL GO DRY **NO**

AFTER HOW MANY GALLONS

VOLUME OF GROUNDWATER PURGED **4.5**

SAMPLING DEVICE

SAMPLE COLOR

ODOR/SEDIMENT

Soap in well from bad cap

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1.5	66.0	7.98	1045
3	66.9	7.52	1052
4.5	66.3	7.40	1058

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVE

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME OAKLAND TRUCK STOP

JOB NUMBER

DATE OF SAMPLING 12-5-07

WELL ID: MW-5

SAMPLER Bill D

TOTAL DEPTH OF WELL 14.00

WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 4.90

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 9.10

NUMBER OF GALLONS PER WELL CASING VOLUME 1.54

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 4.6

EQUIPMENT USED TO PURGE WELL BAILER

TIME EVACUATION STARTED 12:15

TIME EVACUATION COMPLETED 12:30

TIME SAMPLES WERE COLLECTED 12:45

DID WELL GO DRY yes

AFTER HOW MANY GALLONS 5

VOLUME OF GROUNDWATER PURGED 5

SAMPLING DEVICE BAILER

SAMPLE COLOR BROWN

ODOR/SEDIMENT ()

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
<u>2</u>	<u>69.2</u>	<u>7.88</u>	<u>1301</u>
<u>4</u>	<u>69.9</u>	<u>7.20</u>	<u>1316</u>

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PREPARE

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME OAKLAND TRUCK STOP

JOB NUMBER _____

DATE OF SAMPLING 12-5-07

WELL ID. MW-8

SAMPLER Bill D

TOTAL DEPTH OF WELL 14.70

WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 4.30

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 10.4

NUMBER OF GALLONS PER WELL CASING VOLUME 1.76

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 5.34

EQUIPMENT USED TO PURGE WELL BAILER

TIME EVACUATION STARTED 8:30

TIME EVACUATION COMPLETED 9:00

TIME SAMPLES WERE COLLECTED 9:30

DID WELL GO DRY yes

AFTER HOW MANY GALLONS 5.5

VOLUME OF GROUNDWATER PURGED _____

SAMPLING DEVICE _____

SAMPLE COLOR _____

ODOR/SEDIMENT _____

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
<u>2</u>	<u>62.9</u>	<u>7.80</u>	<u>922</u>
<u>4</u>	<u>64.8</u>	<u>7.61</u>	<u>872</u>
<u>5.56</u>	<u>64.2</u>	<u>7.44</u>	<u>886</u>

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PREP. RYS

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME OAKLAND truck stop

JOB NUMBER _____ DATE OF SAMPLING 12-6-07

WELL ID. MW-10 SAMPLER B111D

TOTAL DEPTH OF WELL 26.00 WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 6.42

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 19.58

NUMBER OF GALLONS PER WELL CASING VOLUME 3.32

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 9.98

EQUIPMENT USED TO PURGE WELL BAILER

TIME EVACUATION STARTED 3:00 TIME EVACUATION COMPLETED 3:45

TIME SAMPLES WERE COLLECTED 4:00

DID WELL GO DRY NO AFTER HOW MANY GALLONS _____

VOLUME OF GROUNDWATER PURGED 12

SAMPLING DEVICE _____

SAMPLE COLOR _____ ODOR/SEDIMENT _____

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
4	63.4	7.95	573
8	62.1	7.82	562
12	60.6	7.89	620

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	REMARKS

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME OAKLAND TRUCK STOP

JOB NUMBER _____ DATE OF SAMPLING 12-6-07

WELL ID. MW-6 SAMPLER Bill D

TOTAL DEPTH OF WELL 14.30 WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 5.30

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 9

NUMBER OF GALLONS PER WELL CASING VOLUME 1.53

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 3.06

EQUIPMENT USED TO PURGE WELL BAILER

TIME EVACUATION STARTED 2:15 TIME EVACUATION COMPLETED 2:35

TIME SAMPLES WERE COLLECTED 2:40

DID WELL GO DRY _____ AFTER HOW MANY GALLONS _____

VOLUME OF GROUNDWATER PURGED _____

SAMPLING DEVICE _____

ODOR SEDIMENT

diesel odor

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
<u>1.5</u>	<u>62.9</u>	<u>7.59</u>	<u>797</u>
<u>3.0</u>	<u>63.3</u>	<u>7.07</u>	<u>835</u>
<u>4.5</u>	<u>68.0</u>	<u>6.90</u>	<u>842</u>

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVE



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APPENDIX B

Certified Analytical Report
and
Chain of Custody Documentation



Report Number : 60000

Date : 12/14/2007

David Allen
Aqua Science Engineers, Inc.
55 Oak Court, Suite 220
Danville, CA 94526

Subject : 7 Water Samples
Project Name : Oakland Truck Stop
Project Number : 3540

Dear Mr. Allen,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kiff".

Joel Kiff



Report Number : 60000

Date : 12/14/2007

Project Name : **Oakland Truck Stop**

Project Number : **3540**


Sample : **MW-2**

Matrix : Water

Lab Number : 60000-01

Sample Date :12/5/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.90	0.90	ug/L	EPA 8260B	12/12/2007
Toluene	< 0.90	0.90	ug/L	EPA 8260B	12/12/2007
Ethylbenzene	< 0.90	0.90	ug/L	EPA 8260B	12/12/2007
Total Xylenes	< 0.90	0.90	ug/L	EPA 8260B	12/12/2007
Methyl-t-butyl ether (MTBE)	66	0.90	ug/L	EPA 8260B	12/12/2007
Diisopropyl ether (DIPE)	3.8	0.90	ug/L	EPA 8260B	12/12/2007
Ethyl-t-butyl ether (ETBE)	< 0.90	0.90	ug/L	EPA 8260B	12/12/2007
Tert-amyl methyl ether (TAME)	< 0.90	0.90	ug/L	EPA 8260B	12/12/2007
Tert-Butanol	2000	5.0	ug/L	EPA 8260B	12/12/2007
TPH as Gasoline	1500	90	ug/L	EPA 8260B	12/12/2007
Toluene - d8 (Surr)	93.9		% Recovery	EPA 8260B	12/12/2007
4-Bromofluorobenzene (Surr)	99.2		% Recovery	EPA 8260B	12/12/2007
TPH as Diesel (w/ Silica Gel)	< 80	80	ug/L	M EPA 8015	12/12/2007
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
TPH as Motor Oil (w/ Silica Gel)	< 100	100	ug/L	M EPA 8015	12/12/2007
Octacosane (Diesel Silica Gel Surr)	97.9		% Recovery	M EPA 8015	12/12/2007

Approved By:  Joel Kiff



Report Number : 60000

Date : 12/14/2007

Project Name : **Oakland Truck Stop**

Project Number : **3540**

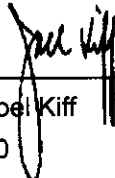
Sample : **MW-3**

Matrix : Water

Lab Number : 60000-02

Sample Date :12/5/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	8000	15	ug/L	EPA 8260B	12/12/2007
Toluene	55	15	ug/L	EPA 8260B	12/12/2007
Ethylbenzene	120	15	ug/L	EPA 8260B	12/12/2007
Total Xylenes	42	15	ug/L	EPA 8260B	12/12/2007
Methyl-t-butyl ether (MTBE)	4600	15	ug/L	EPA 8260B	12/12/2007
Diisopropyl ether (DIPE)	< 15	15	ug/L	EPA 8260B	12/12/2007
Ethyl-t-butyl ether (ETBE)	< 15	15	ug/L	EPA 8260B	12/12/2007
Tert-amyl methyl ether (TAME)	34	15	ug/L	EPA 8260B	12/12/2007
Tert-Butanol	3100	70	ug/L	EPA 8260B	12/12/2007
TPH as Gasoline	21000	1500	ug/L	EPA 8260B	12/12/2007
Toluene - d8 (Surr)	95.4		% Recovery	EPA 8260B	12/12/2007
4-Bromofluorobenzene (Surr)	99.1		% Recovery	EPA 8260B	12/12/2007
TPH as Diesel (w/ Silica Gel)	6400	50	ug/L	M EPA 8015	12/12/2007
TPH as Motor Oil (w/ Silica Gel)	890	100	ug/L	M EPA 8015	12/12/2007
Octacosane (Diesel Silica Gel Surr)	99.6		% Recovery	M EPA 8015	12/12/2007

Approved By:  Joel Kiff

Project Name : **Oakland Truck Stop**

Project Number : **3540**


Sample : **MW-4**

Matrix : Water

Lab Number : 60000-03

Sample Date :12/5/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Methyl-t-butyl ether (MTBE)	1.4	0.50	ug/L	EPA 8260B	12/11/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Tert-Butanol	30	5.0	ug/L	EPA 8260B	12/11/2007
TPH as Gasoline	1300	50	ug/L	EPA 8260B	12/11/2007
(Note: Primarily compounds not found in typical Gasoline)					
Toluene - d8 (Surr)	88.7		% Recovery	EPA 8260B	12/11/2007
4-Bromofluorobenzene (Surr)	95.0		% Recovery	EPA 8260B	12/11/2007
TPH as Diesel (w/ Silica Gel)	3600	50	ug/L	M EPA 8015	12/14/2007
(Note: Hydrocarbons are higher-boiling than typical Diesel Fuel.)					
TPH as Motor Oil (w/ Silica Gel)	5600	100	ug/L	M EPA 8015	12/14/2007
Octacosane (Diesel Silica Gel Surr)	96.2		% Recovery	M EPA 8015	12/14/2007

Approved By:  Joel Kiff

Project Name : **Oakland Truck Stop**

Project Number : **3540**


Sample : **MW-5**

Matrix : Water

Lab Number : 60000-04

Sample Date :12/5/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 2.0	2.0	ug/L	EPA 8260B	12/11/2007
Toluene	< 2.0	2.0	ug/L	EPA 8260B	12/11/2007
Ethylbenzene	< 2.0	2.0	ug/L	EPA 8260B	12/11/2007
Total Xylenes	< 2.0	2.0	ug/L	EPA 8260B	12/11/2007
Methyl-t-butyl ether (MTBE)	8.2	2.0	ug/L	EPA 8260B	12/11/2007
Diisopropyl ether (DIPE)	2.6	2.0	ug/L	EPA 8260B	12/11/2007
Ethyl-t-butyl ether (ETBE)	< 2.0	2.0	ug/L	EPA 8260B	12/11/2007
Tert-amyl methyl ether (TAME)	< 2.0	2.0	ug/L	EPA 8260B	12/11/2007
Tert-Butanol	4700	9.0	ug/L	EPA 8260B	12/11/2007
TPH as Gasoline	< 200	200	ug/L	EPA 8260B	12/11/2007
Toluene - d8 (Surr)	95.9		% Recovery	EPA 8260B	12/11/2007
4-Bromofluorobenzene (Surr)	98.6		% Recovery	EPA 8260B	12/11/2007
TPH as Diesel (w/ Silica Gel)	1400	50	ug/L	M EPA 8015	12/12/2007
TPH as Motor Oil (w/ Silica Gel)	120	100	ug/L	M EPA 8015	12/12/2007
Octacosane (Diesel Silica Gel Surr)	97.7		% Recovery	M EPA 8015	12/12/2007

Approved By:  Joel Kiff



Report Number : 60000

Date : 12/14/2007

Project Name : **Oakland Truck Stop**

Project Number : **3540**

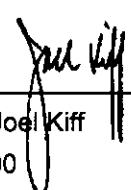
Sample : **MW-6**

Matrix : Water

Lab Number : 60000-05

Sample Date :12/6/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	100	4.0	ug/L	EPA 8260B	12/12/2007
Toluene	8.7	4.0	ug/L	EPA 8260B	12/12/2007
Ethylbenzene	< 4.0	4.0	ug/L	EPA 8260B	12/12/2007
Total Xylenes	14	4.0	ug/L	EPA 8260B	12/12/2007
Methyl-t-butyl ether (MTBE)	1400	4.0	ug/L	EPA 8260B	12/12/2007
Diisopropyl ether (DIPE)	< 4.0	4.0	ug/L	EPA 8260B	12/12/2007
Ethyl-t-butyl ether (ETBE)	< 4.0	4.0	ug/L	EPA 8260B	12/12/2007
Tert-amyl methyl ether (TAME)	15	4.0	ug/L	EPA 8260B	12/12/2007
Tert-Butanol	4900	20	ug/L	EPA 8260B	12/12/2007
TPH as Gasoline	4500	400	ug/L	EPA 8260B	12/12/2007
Toluene - d8 (Surr)	90.3		% Recovery	EPA 8260B	12/12/2007
4-Bromofluorobenzene (Surr)	98.5		% Recovery	EPA 8260B	12/12/2007
TPH as Diesel (w/ Silica Gel)	< 600	600	ug/L	M EPA 8015	12/12/2007
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
TPH as Motor Oil (w/ Silica Gel)	< 100	100	ug/L	M EPA 8015	12/12/2007
Octacosane (Diesel Silica Gel Surr)	92.1		% Recovery	M EPA 8015	12/12/2007

Approved By:  Joel Kiff

Project Name : **Oakland Truck Stop**

Project Number : **3540**

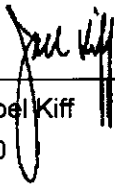
Sample : **MW-8**

Matrix : Water

Lab Number : 60000-07

Sample Date :12/5/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Methyl-t-butyl ether (MTBE)	13	0.50	ug/L	EPA 8260B	12/12/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/12/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/12/2007
Toluene - d8 (Surr)	98.7		% Recovery	EPA 8260B	12/12/2007
4-Bromofluorobenzene (Surr)	98.8		% Recovery	EPA 8260B	12/12/2007
TPH as Diesel (w/ Silica Gel)	< 50	50	ug/L	M EPA 8015	12/12/2007
TPH as Motor Oil (w/ Silica Gel)	< 100	100	ug/L	M EPA 8015	12/12/2007
Octacosane (Diesel Silica Gel Surr)	91.2		% Recovery	M EPA 8015	12/12/2007

Approved By:  Joel Kiff



Report Number : 60000

Date : 12/14/2007

Project Name : **Oakland Truck Stop**

Project Number : **3540**


Sample : **MW-10**

Matrix : Water

Lab Number : 60000-06

Sample Date :12/6/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Methyl-t-butyl ether (MTBE)	0.94	0.50	ug/L	EPA 8260B	12/11/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Tert-Butanol	13	5.0	ug/L	EPA 8260B	12/11/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/11/2007
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	12/11/2007
4-Bromofluorobenzene (Surr)	98.6		% Recovery	EPA 8260B	12/11/2007
TPH as Diesel (w/ Silica Gel)	< 50	50	ug/L	M EPA 8015	12/12/2007
TPH as Motor Oil (w/ Silica Gel)	< 100	100	ug/L	M EPA 8015	12/12/2007
Octacosane (Diesel Silica Gel Surr)	97.9		% Recovery	M EPA 8015	12/12/2007

Approved By:  Joel Kiff

Report Number : 60000

Date : 12/14/2007

QC Report : Method Blank Data

Project Name : **Oakland Truck Stop**

Project Number : **3540**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel (w/ Silica Gel)	< 50	50	ug/L	M EPA 8015	12/12/2007
TPH as Motor Oil (w/ Silica Gel)	< 100	100	ug/L	M EPA 8015	12/12/2007
Octacosane (Diesel Silica Gel Surr)	98.0		%	M EPA 8015	12/12/2007
TPH as Diesel (w/ Silica Gel)	< 50	50	ug/L	M EPA 8015	12/13/2007
TPH as Motor Oil (w/ Silica Gel)	< 100	100	ug/L	M EPA 8015	12/13/2007
Octacosane (Diesel Silica Gel Surr)	92.0		%	M EPA 8015	12/13/2007
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/11/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/11/2007
Toluene - d8 (Surr)	99.1		%	EPA 8260B	12/11/2007
4-Bromofluorobenzene (Surr)	97.3		%	EPA 8260B	12/11/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
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Approved By:  _____
 Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 60000


Date : 12/14/2007

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **Oakland Truck Stop**

Project Number : **3540**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	59999-08	9.2	39.1	39.1	47.5	47.3	ug/L	EPA 8260B	12/11/07	97.7	97.3	0.389	70-130	25
Toluene	59999-08	3.9	39.1	39.1	42.4	41.9	ug/L	EPA 8260B	12/11/07	98.5	97.4	1.07	70-130	25
Tert-Butanol	59999-08	210	196	195	408	390	ug/L	EPA 8260B	12/11/07	103	93.7	9.61	70-130	25
Methyl-t-Butyl Ether	59999-08	370	39.1	39.1	401	397	ug/L	EPA 8260B	12/11/07	88.1	78.4	11.6	70-130	25
TPH-D (Si Gel)	Blank	<50	1000	1000	942	976	ug/L	M EPA 8015	12/12/07	94.2	97.6	3.62	70-130	25
TPH-D (Si Gel)	Blank	<50	1000	1000	900	832	ug/L	M EPA 8015	12/13/07	90.0	83.2	7.81	70-130	25

Approved By:  _____
 Joel Kiff

Report Number : 60000

Date : 12/14/2007

QC Report : Laboratory Control Sample (LCS)

Project Name : **Oakland Truck Stop**

Project Number : **3540**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	12/11/07	99.4	70-130
Toluene	40.0	ug/L	EPA 8260B	12/11/07	98.9	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/11/07	98.7	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/11/07	92.6	70-130

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Approved By:


Joel Kiff

Aqua Science Engineers, Inc.
 208 W. El Pintado Road
 Danville, CA 94526
 (925) 820-9391
 FAX (925) 837-4853

Chain of Custody 60000

PAGE 1 OF 1

SAMPLER (SIGNATURE)

Bill DeBord

PROJECT NAME

Oakland Truck Stop

JOB NO.

3540

ADDRESS

8255 San Leandro Street, Oakland, CA

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS

SAMPLE RECEIPT

Temp °C 1.6 Therm. ID# IRS
 Initial TJB Date 120707
 Time 1545 Coolant present Yes No

TPH-GAS / MOTOR OIL (EPA 8010/8015)	TPH-DIESEL (EPA 3510/8015)	TPH-DIESEL & MOTOR OIL (EPA 3510/8015)	VOLATILE ORGANICS (EPA 624/8240/8260)	SEMI-VOLATILE ORGANICS (EPA 625/8270)	OIL & GREASE (EPA 5520)	LUFT METALS (5) (EPA 6010+7000)	CAM 17 METALS (EPA 6010+7000)	PCBS & PESTICIDES (EPA 608/8080)	ORGANOPHOSPHORUS PESTICIDES (EPA 8140 EPA 608/8080)	FUEL OXYGENATES (EPA 8260)	Pb (TOTAL or DISSOLVED) (EPA 6010)	PURGEABLE HALOCARBONS (EPA 601/8010)	MULTI-RANGE HYDROCARBONS	SILICA-GEL CLEANUP	HOLD	EDF
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SAMPLE ID.	DATE	TIME	MATRIX	QUANTITY
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SAMPLE ID.	DATE	TIME	MATRIX	QUANTITY	TPH-GAS / MOTOR OIL (EPA 8010/8015)	TPH-DIESEL (EPA 3510/8015)	TPH-DIESEL & MOTOR OIL (EPA 3510/8015)	VOLATILE ORGANICS (EPA 624/8240/8260)	SEMI-VOLATILE ORGANICS (EPA 625/8270)	OIL & GREASE (EPA 5520)	LUFT METALS (5) (EPA 6010+7000)	CAM 17 METALS (EPA 6010+7000)	PCBS & PESTICIDES (EPA 608/8080)	ORGANOPHOSPHORUS PESTICIDES (EPA 8140 EPA 608/8080)	FUEL OXYGENATES (EPA 8260)	Pb (TOTAL or DISSOLVED) (EPA 6010)	PURGEABLE HALOCARBONS (EPA 601/8010)	MULTI-RANGE HYDROCARBONS	SILICA-GEL CLEANUP	HOLD	EDF		
MW-2	12-5-07	10:05	W	5	X		X														X	01	
MW-3		10:55			X		X															X	02
MW-4		11:40			X		X															X	03
MW-5		12:45			X		X															X	04
MW-6	12-6-07	2:40			X		X															X	05
MW-10	"	4:00	V	V	X		X															X	06
MW-8	12-5-07	9:30	V	V	X		X															X	07

RELINQUISHED BY:
Bill DeBord
 (signature) 1215 (time)

RECEIVED BY:
 (signature) (time)

RELINQUISHED BY:
 (signature) (time)

RECEIVED BY LABORATORY:
Timothy 1215
 (signature) (time)

COMMENTS:
 Please provide
 EDF

Bill DeBord
 (printed name) 120707 (date)

(printed name) (date)

(printed name) (date)

Timothy Boomer 120707
 (printed name) (date)

TURN AROUND TIME
 STANDARD 24Hr 48Hr 72Hr
 OTHER:

Company-ASE, INC.

Company-

Company-

Company-
Kiff Analytical