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**Alameda County
Environmental Health**

January 7, 2007

QUARTERLY GROUNDWATER MONITORING REPORT
NOVEMBER 2006 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.
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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)
208 West El Pintado, Suite C
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

Mr. Chuck Headlee
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 November 9, 2006 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 November 9, 2006, ASE measured the depth to water in monitoring wells MW-1 through 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 0.93-feet of free-phase hydrocarbons, a significant increase from last quarter's measurement. This product was subsequently bailed from the well until only a sheen was visible. Approximately one gallon of product, along with several gallons of water, were removed from the well and stored temporarily on-site in a 55-gallon, labeled drum. Groundwater elevation data is presented as Table One.

A groundwater potentiometric surface map for the November 9, 2006 sampling event is presented as Figure 2. The groundwater flow direction at the site has been inconsistent and highly variable. Groundwater flow 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-10. Monitoring well MW-1 contained free-phase hydrocarbons and was not 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 including ethanol and methanol 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 0.93-feet of free-phase hydrocarbons this quarter.
- Analytical results for groundwater samples collected from monitoring wells MW-2 show a significant decrease in concentrations from the last quarter results, with TPH-G and MTBE the lowest its been since 2003, and historic lows for benzene.
- Concentrations of TPH-D increased from the previous quarter in groundwater samples collected from monitoring well MW-3, while TPH-G, BTEX, MTBE, TAME and TBA decreased in the same sample.
- Analytical results for groundwater samples collected from monitoring wells MW-4 are very similar to previous results, with a decrease in MTBE and TBA from the previous quarter.
- Hydrocarbon concentrations in groundwater samples collected from monitoring well MW-5 are very similar to previous results. However, there has been a decreasing trend in MTBE and increasing trend in TBA concentrations.
- There has generally been a decreasing trend in hydrocarbon concentrations in monitoring well MW-6, with most concentrations at historic lows.
- Analytical results for groundwater samples collected from monitoring well MW-7 and MW-8 are very similar to previous results.
- Concentrations of benzene increased very slightly from the previous quarter in groundwater samples collected from monitoring well MW-9, while MTBE and TBA decreased in the same sample.
- There has generally been a increasing trend in hydrocarbon concentrations in monitoring well MW-10 since the last sampling.

Groundwater samples collected from the following monitoring wells contained concentrations of the listed compounds equal to or greater than Environmental Screening Levels (ESLs)¹:

- MW-3—TPH-G, TPH-D, TPH-MO, benzene and MTBE
- MW-5—TPH-D
- MW-6—TPH-G, TPH-D and benzene

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. An additional soil and groundwater assessment will also take place in January 2007.

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 February 2005



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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.

Michael Rauser
Project Geologist

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. Amir Gholami, ACHCSA
Mr. Chuck Headlee, RWQCB, San Francisco Bay Region

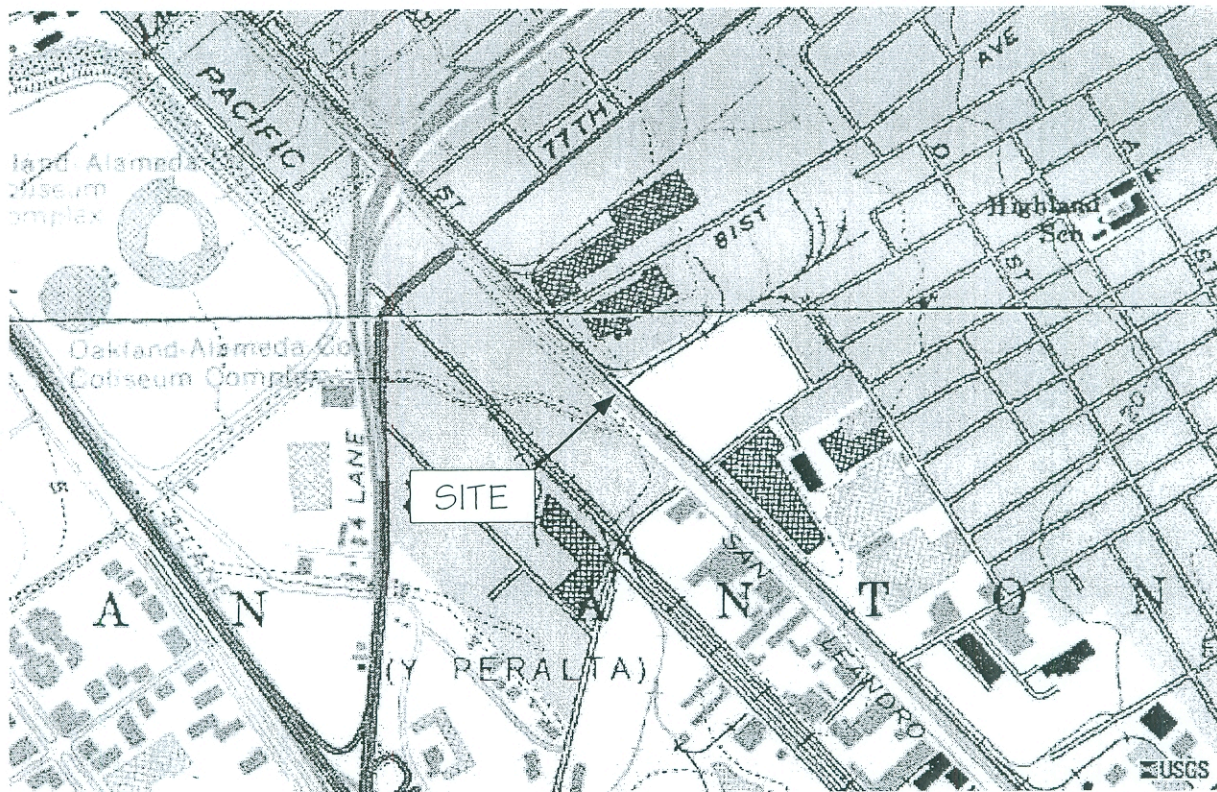


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FIGURES



NORTH

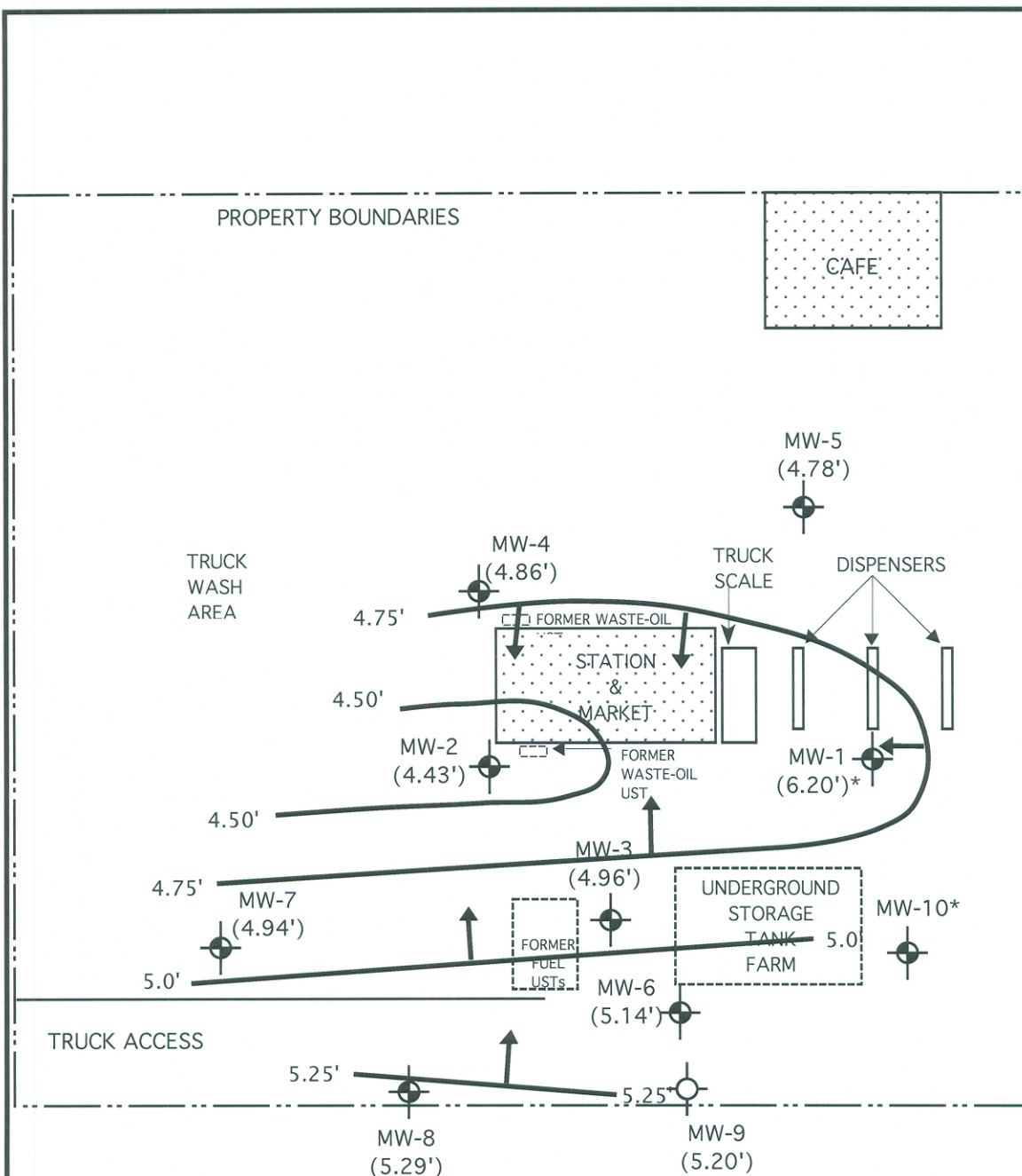


LOCATION MAP

OAKLAND TRUCK STOP
8255 SAN LEANDRO STREET
OAKLAND, CALIFORNIA

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Figure 1



LEGEND

*

Groundwater elevation not used for contouring



Potentiometric surface contour with arrow indicating groundwater flow direction



4-inch diameter monitoring



MW-4
(4.86')

Monitoring well (with groundwater elevation in feet)



NORTH

SCALE
1" = 50'

POTENTIOMETRIC
SURFACE CONTOUR MAP
11/09/06

OAKLAND TRUCK STOP
8255 SAN LEANDRO STREET
OAKLAND, CALIFORNIA

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Figure 2



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TABLES

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

Well I.D & 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*
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

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

Well I.D & Date Sampled	Top of Casing Elevation (msl)	Depth to Water (feet)	Free-Floating Hydrocarbon Thickness (feet)	Groundwater Elevation (msl)
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
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

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

Well I.D & Date Sampled	Top of Casing Elevation (msl)	Depth to Water (feet)	Free-Floating Hydrocarbon Thickness (feet)	Groundwater Elevation (msl)
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		5.62	--	4.58
12/17/02	10.20	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
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		5.92	--	4.79
12/17/02	10.71	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

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

Well I.D & Date Sampled	Top of Casing Elevation (msl)	Depth to Water (feet)	Free-Floating Hydrocarbon Thickness (feet)	Groundwater Elevation (msl)	
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	
6/5/03		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
11/9/06			4.23	--	4.94
MW-8					
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	--	5.84	
8/23/06		NA	--	NA**	
11/9/06		4.39	--	5.29	
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
MW10					
10/12/06			6.02	--	**
11/9/06		6.24	--	**	

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

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-1												
8/16/99						Not Sampled Due to Free-Floating Hydrocarbons						
12/6/99						Not Sampled Due to Free-Floating Hydrocarbons						
3/8/00						Not Sampled Due to Free-Floating Hydrocarbons						
6/14/00						Not Sampled Due to Free-Floating Hydrocarbons						
12/11/00						Not Sampled Due to Free-Floating Hydrocarbons						
3/6/01						Not Sampled Due to Free-Floating Hydrocarbons						
6/6/01						Not Sampled Due to Free-Floating Hydrocarbons						
9/4/01						Not Sampled Due to Free-Floating Hydrocarbons						
3/11/02						Not Sampled Due to Free-Floating Hydrocarbons						
6/6/02						Not Sampled Due to Free-Floating Hydrocarbons						
9/4/02						Not Sampled Due to Free-Floating Hydrocarbons						
12/17/02						Not Sampled Due to Free-Floating Hydrocarbons						
3/7/03						Not Sampled Due to Free-Floating Hydrocarbons						
6/5/03						Not Sampled Due to Free-Floating Hydrocarbons						
9/19/03						Not Sampled Due to Free-Floating Hydrocarbons						
12/12/03						Not Sampled Due to Free-Floating Hydrocarbons						
12/12/03						Not Sampled Due to Free-Floating Hydrocarbons						
3/15/04						Not Sampled Due to Free-Floating Hydrocarbons						
6/22/04						Not Sampled Due to Free-Floating Hydrocarbons						
9/21/04						Not Sampled Due to Free-Floating Hydrocarbons						
12/30/04						Not Sampled Due to Free-Floating Hydrocarbons						
4/6/05						Not Sampled Due to Free-Floating Hydrocarbons						
9/29/05						Not Sampled Due to Free-Floating Hydrocarbons						
12/9/05						Not Sampled Due to Free-Floating Hydrocarbons (-feet)						
3/6/06						Not Sampled Due to Free-Floating Hydrocarbons (-feet)						
6/20/06						Not Sampled Due to Free-Floating Hydrocarbons (-feet)						
8/23/06						Not Sampled Due to Free-Floating Hydrocarbons (-feet)						
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

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
12/6/99	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
3/6/01	< 50	670	NA	< 0.5	< 0.5	< 0.5	< 0.5	110	< 0.5	< 0.5	< 0.5	9.9
6/6/01	< 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
6/6/02	< 50	710	NA	< 0.5	< 0.5	< 0.5	< 0.5	92	< 0.5	< 0.5	< 0.5	21
9/4/02	< 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
3/7/03	< 50	470	NA	< 0.5	< 0.5	< 0.5	< 0.5	120	< 0.5	< 0.5	0.52	18
6/5/03	< 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
4/6/05	< 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
3/6/06	< 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
MW-5												
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
9/4/01	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
9/4/02	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
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

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-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
MW-8												
9/4/02	< 50	170	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
12/17/02	< 50	100	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
3/7/03	< 50	62	NA	< 0.5	< 0.5	< 0.5	< 0.5	33	< 0.5	< 0.5	< 0.5	< 5.0
6/5/03	< 50	270	NA	< 0.5	< 0.5	< 0.5	< 0.5	13	< 0.5	< 0.5	< 0.5	< 5.0
9/19/03	< 50	250	NA	< 0.5	< 0.5	< 0.5	< 0.5	11	< 0.5	< 0.5	< 0.5	< 5.0
12/12/03	< 50	420	NA	< 0.5	< 0.5	< 0.5	< 0.5	11	< 0.5	< 0.5	< 0.5	< 5.0
3/15/04	< 50	250	NA	< 0.5	< 0.5	< 0.5	< 0.5	6.4	< 0.5	< 0.5	< 0.5	< 5.0
9/21/04	< 50	< 50	NA	< 0.5	< 0.5	< 0.5	< 0.5	11	< 0.5	< 0.5	< 0.5	< 5.0
4/6/05	< 50	< 50	NA	< 0.5	< 0.5	< 0.5	< 0.5	8.0	< 0.5	< 0.5	< 0.5	< 5.0
9/29/05	< 50	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	18	< 0.50	< 0.50	< 0.50	< 5.0
12/9/05	< 50	86	NA	< 0.50	< 0.50	< 0.50	< 0.50	9.7	< 0.50	< 0.50	< 0.50	< 5.0
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	< 5.0
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	< 5.0
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
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
DHS MCL	NE	NE	NE	1	150	700	1,750	13	NE	NE	NE	NE
ESL	400	500	500	46	130	290	100	1,800	NE	NE	NE	NE

Notes:

Non-detectable concentrations are noted by the less than symbol (<) followed by the detection limit. * = Non-typical diesel pattern, hydrocarbons in early diesel range.
Most recent concentrations are in bold. ** = Estimated concentration due to overlapping fuel patterns in the sample.
DHS MCL is the California Department of Health Services maximum contaminant level for drinking water. *** = Non-typical gasoline pattern.
ESL = Environmental screening levels presented in the "Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater (February 2005)" document prepared by the California Regional Water Quality Control Board, San Francisco Bay Region.
NE = MCL/ESL not established. **** = Non-typical diesel pattern.
NA = Sample not analyzed for this compound. # = MTBE concentration by EPA Method 8260



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APPENDIX A

Well Sampling Field Logs

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME

OTS

JOB NUMBER

3540

DATE OF SAMPLING

11-9-06

WELL ID.

MW-1

SAMPLER

MLR

TOTAL DEPTH OF WELL

WELL DIAMETER

2

DEPTH TO WATER PRIOR TO PURGING

10.19

PRODUCT THICKNESS

- DTW - 5.56 = 4.63

DEPTH OF WELL CASING IN WATER -

NUMBER OF GALLONS PER WELL CASING VOLUME -

NUMBER OF WELL CASING VOLUMES TO BE REMOVED

~~15~~ 2 gals FP / 6 gals H₂O

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING

EQUIPMENT USED TO PURGE WELL

Bailer

TIME EVACUATION STARTED

1335

TIME EVACUATION COMPLETED

1400

TIME SAMPLES WERE COLLECTED

No sample

DID WELL GO DRY

AFTER HOW MANY GALLONS

VOLUME OF GROUNDWATER PURGED

SAMPLING DEVICE

SAMPLE COLOR

ODOR / SEDIMENT

CHEMICAL DATA

- lower well cap, visible surface water intrusion

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
	103	sample		

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME OTS

JOB NUMBER 3540 DATE OF SAMPLING 11-9-06

WELL ID. MW-2 SAMPLER MLK

TOTAL DEPTH OF WELL 14.6 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 6.27

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 8.33

NUMBER OF GALLONS PER WELL CASING VOLUME 3

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 1.3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 3.9

EQUIPMENT USED TO PURGE WELL Bailer

TIME EVACUATION STARTED 1145 TIME EVACUATION COMPLETED 1155

TIME SAMPLES WERE COLLECTED 1200

DID WELL GO DRY N AFTER HOW MANY GALLONS

VOLUME OF GROUNDWATER PURGED 4.0

SAMPLING DEVICE Bailer

SAMPLE COLOR clear ODOR/SEDIMENT slight off ML S

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
<u>1</u>	<u>69.5</u>	<u>6.82</u>	<u>2043</u>
<u>2</u>	<u>69.6</u>	<u>6.67</u>	<u>2087</u>
<u>3</u>	<u>69.5</u>	<u>6.57</u>	

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVE
<u>MW-2</u>	<u>5</u>	<u>VOA</u>		<u>HLL</u>

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME OTS
 JOB NUMBER 3540 DATE OF SAMPLING 11-9-06
 WELL ID. MW-3 SAMPLER MLK
 TOTAL DEPTH OF WELL 15.0 WELL DIAMETER 2
 DEPTH TO WATER PRIOR TO PURGING 5.36
 PRODUCT THICKNESS 0
 DEPTH OF WELL CASING IN WATER 9.64
 NUMBER OF GALLONS PER WELL CASING VOLUME 1.5
 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 1305 TIME EVACUATION COMPLETED 1325
 TIME SAMPLES WERE COLLECTED 1330
 DID WELL GO DRY NO AFTER HOW MANY GALLONS —
 VOLUME OF GROUNDWATER PURGED 5.0
 SAMPLING DEVICE Bailer
 SAMPLE COLOR clear gray ODOR/SEDIMENT Strong / No 5
HC Shreen

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
<u>1</u>	<u>71.6</u>	<u>7.10</u>	<u>1181</u>
<u>2</u>	<u>72.1</u>	<u>6.81</u>	<u>1206</u>
<u>3</u>	<u>72.4</u>	<u>6.76</u>	<u>1155</u>

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVE
<u>MW-3</u>	<u>5</u>	<u>VOA</u>		<u>HO</u>

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME

OTS

JOB NUMBER

3540

DATE OF SAMPLING

11-9-06

WELL ID.

MW-4

SAMPLER

MLR

TOTAL DEPTH OF WELL

14.0

WELL DIAMETER

2

DEPTH TO WATER PRIOR TO PURGING

5.64

PRODUCT THICKNESS

0

DEPTH OF WELL CASING IN WATER

8.36

NUMBER OF GALLONS PER WELL CASING VOLUME

1.3

NUMBER OF WELL CASING VOLUMES TO BE REMOVED

3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING

4.0

EQUIPMENT USED TO PURGE WELL

Bailer

TIME EVACUATION STARTED

1005

TIME EVACUATION COMPLETED

1015

TIME SAMPLES WERE COLLECTED

1020

DID WELL GO DRY

No

AFTER HOW MANY GALLONS

—

VOLUME OF GROUNDWATER PURGED

4.0

SAMPLING DEVICE

Bailer

SAMPLE COLOR

clear

ODOR/SEDIMENT

No 0 / No 5

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	69.9	7.13	1731
2	69.1	7.04	1725
3	69.0	7.01	1744

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-4	5	VOL		40

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME OTS

JOB NUMBER 3540 DATE OF SAMPLING 11-9-06

WELL ID. MW-5 SAMPLER MLR

TOTAL DEPTH OF WELL 14.0 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 5.42

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 8.58

NUMBER OF GALLONS PER WELL CASING VOLUME 1.3

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 4.1

EQUIPMENT USED TO PURGE WELL Bailer

TIME EVACUATION STARTED 1105 TIME EVACUATION COMPLETED 1105

TIME SAMPLES WERE COLLECTED 1120

DID WELL GO DRY No AFTER HOW MANY GALLONS

VOLUME OF GROUNDWATER PURGED 5.0

SAMPLING DEVICE Bailer

SAMPLE COLOR Clear ODOR/SEDIMENT No / No S

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	71.6	6.99	1786
2	71.9	6.98	1798
3	72.0	6.94	1772

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-5	5	Volt		HRT

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME OTS

JOB NUMBER 3540 DATE OF SAMPLING 11-9-06

WELL ID. MW-6 SAMPLER MLR

TOTAL DEPTH OF WELL 14.3 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 5.57

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 8.73

NUMBER OF GALLONS PER WELL CASING VOLUME 1.3

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 4.1

EQUIPMENT USED TO PURGE WELL Bailer

TIME EVACUATION STARTED 1235 TIME EVACUATION COMPLETED 1255

TIME SAMPLES WERE COLLECTED 1300

DID WELL GO DRY No AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 5.0

SAMPLING DEVICE Bailer

SAMPLE COLOR Clear ODOR/SEDIMENT Slight 0 / No S

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	68.6	7.20	956
2	68.5	7.26	960
3	69.2	7.16	947

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVE
MW-6	5	VIA		HU

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME

OTS

JOB NUMBER

3540

DATE OF SAMPLING

11-9-06

WELL ID.

MW-7

SAMPLER

MLK

TOTAL DEPTH OF WELL

16.2

WELL DIAMETER

2

DEPTH TO WATER PRIOR TO PURGING

4.23

PRODUCT THICKNESS

0

DEPTH OF WELL CASING IN WATER

11.57

NUMBER OF GALLONS PER WELL CASING VOLUME

1.9

NUMBER OF WELL CASING VOLUMES TO BE REMOVED

3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING

5.4

EQUIPMENT USED TO PURGE WELL

Bailer

TIME EVACUATION STARTED

1215

TIME EVACUATION COMPLETED

1225

TIME SAMPLES WERE COLLECTED

1230

DID WELL GO DRY

No

AFTER HOW MANY GALLONS

—

VOLUME OF GROUNDWATER PURGED

5.4

SAMPLING DEVICE

Bailer

SAMPLE COLOR

cloudy

ODOR/SEDIMENT

Slight O / light brown Sed

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	63.8	7.36	1459
2	65.4	7.21	1497
3	65.6	7.14	1508

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-7	5	VOA		MLK

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME

OTS

JOB NUMBER

3540

DATE OF SAMPLING

11-9-06

WELL ID.

MW-8

SAMPLER

MLR

TOTAL DEPTH OF WELL

14.7

WELL DIAMETER

2

DEPTH TO WATER PRIOR TO PURGING

4.39

PRODUCT THICKNESS

0.0

DEPTH OF WELL CASING IN WATER

10.31

NUMBER OF GALLONS PER WELL CASING VOLUME

1.0

NUMBER OF WELL CASING VOLUMES TO BE REMOVED

3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING

4.9

EQUIPMENT USED TO PURGE WELL

Bailer

TIME EVACUATION STARTED

935

TIME EVACUATION COMPLETED

950

TIME SAMPLES WERE COLLECTED

1000

DID WELL GO DRY

No

AFTER HOW MANY GALLONS

—

VOLUME OF GROUNDWATER PURGED

5.0

SAMPLING DEVICE

Bailer

SAMPLE COLOR

clear

ODOR/SEDIMENT

No / No S

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	66.4	7.57	1149
2	67.1	7.36	1176
3	67.7	7.28	1154

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-8	5	VOA		HCL

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME

OTS

JOB NUMBER

3540

DATE OF SAMPLING

11-9-06

WELL ID.

MW-9

SAMPLER

HLR

TOTAL DEPTH OF WELL

19.8

WELL DIAMETER

4

DEPTH TO WATER PRIOR TO PURGING

5.87

PRODUCT THICKNESS

0

DEPTH OF WELL CASING IN WATER

13.93

NUMBER OF GALLONS PER WELL CASING VOLUME

9.0

NUMBER OF WELL CASING VOLUMES TO BE REMOVED

3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING

27

EQUIPMENT USED TO PURGE WELL

2-stage pump

TIME EVACUATION STARTED

1030

TIME EVACUATION COMPLETED

1055

TIME SAMPLES WERE COLLECTED

1100

DID WELL GO DRY

No

AFTER HOW MANY GALLONS

—

VOLUME OF GROUNDWATER PURGED

27

SAMPLING DEVICE

Bailer

SAMPLE COLOR

clear

ODOR/SEDIMENT

No 0 / No 5

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
5	67.6	7.00	1119
10	67.4	7.05	1164
15	67.9	7.08	1061

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-9	5	VJA		HLG

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME OTS

JOB NUMBER 3540 DATE OF SAMPLING 11-9-01

WELL ID. MW-10 SAMPLER MLR

TOTAL DEPTH OF WELL 20.0 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 6.24

PRODUCT THICKNESS 0.0

DEPTH OF WELL CASING IN WATER 13.76

NUMBER OF GALLONS PER WELL CASING VOLUME 2.2

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 6.6

EQUIPMENT USED TO PURGE WELL Bailer

TIME EVACUATION STARTED 915 TIME EVACUATION COMPLETED 925

TIME SAMPLES WERE COLLECTED 930

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 7.0

SAMPLING DEVICE Bailer

SAMPLE COLOR clear ODOR/SEDIMENT No O / No S.

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
<u>1</u>	<u>71.9</u>	<u>6.98</u>	<u>619</u>
<u>2</u>	<u>70.8</u>	<u>7.04</u>	<u>788</u>
<u>3</u>	<u>70.7</u>	<u>6.99</u>	<u>825</u>

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
<u>MW-10</u>	<u>5</u>	<u>VQA</u>	<u>8260 / 8265</u>	<u>HLR</u>

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME OTS

JOB NUMBER _____ DATE OF SAMPLING 10-12-06

WELL ID. MW-10 SAMPLER MLR

TOTAL DEPTH OF WELL 26.0 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 6.02

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER ~~6.02~~ 19.98

NUMBER OF GALLONS PER WELL CASING VOLUME 3.1

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 9.5

EQUIPMENT USED TO PURGE WELL Bailer

TIME EVACUATION STARTED 1845 TIME EVACUATION COMPLETED 1855

TIME SAMPLES WERE COLLECTED 1900

DID WELL GO DRY No AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 10

SAMPLING DEVICE Bailer

SAMPLE COLOR clear ODOR/SEDIMENT No O / No S

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
3	72.9	7.24	495
6	72.8	7.14	627
9	72.6	7.03	418

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-10	5	VOLs		HP



Aqua Science Engineers, Inc. 208 West El Pintado, Suite C, Danville, CA 94526
(925) 820-9391 - Fax (925) 837-4853 - www.aquascienceengineers.com

APPENDIX B

Certified Analytical Report
and
Chain of Custody Documentation



Report Number : 53257

Date : 11/16/2006

Mike Rauser
Aqua Science Engineers, Inc.
208 West El Pintado Rd.
Danville, CA 94526

Subject : 9 Water Samples
Project Name : Oakland Truck Stop
Project Number : 3540

Dear Mr. Rauser,

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', is written over a printed name.

Joel Kiff

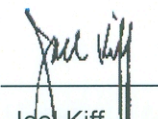


Subject : 9 Water Samples
Project Name : Oakland Truck Stop
Project Number : 3540

Case Narrative

Hydrocarbons reported as TPH as Diesel do not exhibit a typical Diesel chromatographic pattern for samples MW-2 and MW-4. These hydrocarbons are higher boiling than typical diesel fuel.

Approved By: _____


Joel Kiff

Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-2**

Matrix : Water

Lab Number : 53257-01

Sample Date : 11/9/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	0.56	0.50	ug/L	EPA 8260B	11/13/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Methyl-t-butyl ether (MTBE)	180	0.50	ug/L	EPA 8260B	11/13/2006
Diisopropyl ether (DIPE)	4.1	0.50	ug/L	EPA 8260B	11/13/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Tert-amyl methyl ether (TAME)	0.96	0.50	ug/L	EPA 8260B	11/13/2006
Tert-Butanol	1300	5.0	ug/L	EPA 8260B	11/13/2006
TPH as Gasoline	350	50	ug/L	EPA 8260B	11/13/2006
Toluene - d8 (Surr)	98.2		% Recovery	EPA 8260B	11/13/2006
4-Bromofluorobenzene (Surr)	97.2		% Recovery	EPA 8260B	11/13/2006
TPH as Diesel (w/ Silica Gel)	120	50	ug/L	M EPA 8015	11/15/2006
TPH as Motor Oil (w/ Silica Gel)	140	100	ug/L	M EPA 8015	11/15/2006
Octacosane (Diesel Silica Gel Surr)	93.4		% Recovery	M EPA 8015	11/15/2006

Approved By:

Joel Kiff

Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-3**

Matrix : Water

Lab Number : 53257-02

Sample Date : 11/9/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	5800	9.0	ug/L	EPA 8260B	11/13/2006
Toluene	26	9.0	ug/L	EPA 8260B	11/13/2006
Ethylbenzene	87	9.0	ug/L	EPA 8260B	11/13/2006
Total Xylenes	18	9.0	ug/L	EPA 8260B	11/13/2006
Methyl-t-butyl ether (MTBE)	2700	9.0	ug/L	EPA 8260B	11/13/2006
Diisopropyl ether (DIPE)	10	9.0	ug/L	EPA 8260B	11/13/2006
Ethyl-t-butyl ether (ETBE)	< 9.0	9.0	ug/L	EPA 8260B	11/13/2006
Tert-amyl methyl ether (TAME)	20	9.0	ug/L	EPA 8260B	11/13/2006
Tert-Butanol	1800	50	ug/L	EPA 8260B	11/13/2006
TPH as Gasoline	16000	900	ug/L	EPA 8260B	11/13/2006
Toluene - d8 (Surr)	98.5		% Recovery	EPA 8260B	11/13/2006
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	11/13/2006
TPH as Diesel (w/ Silica Gel)	16000	50	ug/L	M EPA 8015	11/15/2006
TPH as Motor Oil (w/ Silica Gel)	810	100	ug/L	M EPA 8015	11/15/2006
Octacosane (Diesel Silica Gel Surr)	99.4		% Recovery	M EPA 8015	11/15/2006

Approved By:

Joel Kiff



Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-4**

Matrix : Water

Lab Number : 53257-03

Sample Date : 11/9/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Methyl-t-butyl ether (MTBE)	7.7	0.50	ug/L	EPA 8260B	11/11/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Tert-Butanol	130	5.0	ug/L	EPA 8260B	11/11/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	11/11/2006
Toluene - d8 (Surr)	97.7		% Recovery	EPA 8260B	11/11/2006
4-Bromofluorobenzene (Surr)	106		% Recovery	EPA 8260B	11/11/2006
TPH as Diesel (w/ Silica Gel)	200	50	ug/L	M EPA 8015	11/15/2006
TPH as Motor Oil (w/ Silica Gel)	410	100	ug/L	M EPA 8015	11/15/2006
Octacosane (Diesel Silica Gel Surr)	103		% Recovery	M EPA 8015	11/15/2006

Approved By:

Joel Kiff



Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-5**

Matrix : Water

Lab Number : 53257-04

Sample Date : 11/9/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 2.0	2.0	ug/L	EPA 8260B	11/11/2006
Toluene	< 2.0	2.0	ug/L	EPA 8260B	11/11/2006
Ethylbenzene	< 2.0	2.0	ug/L	EPA 8260B	11/11/2006
Total Xylenes	< 2.0	2.0	ug/L	EPA 8260B	11/11/2006
Methyl-t-butyl ether (MTBE)	28	2.0	ug/L	EPA 8260B	11/11/2006
Diisopropyl ether (DIPE)	3.0	2.0	ug/L	EPA 8260B	11/11/2006
Ethyl-t-butyl ether (ETBE)	< 2.0	2.0	ug/L	EPA 8260B	11/11/2006
Tert-amyl methyl ether (TAME)	< 2.0	2.0	ug/L	EPA 8260B	11/11/2006
Tert-Butanol	5600	9.0	ug/L	EPA 8260B	11/11/2006
TPH as Gasoline	< 200	200	ug/L	EPA 8260B	11/11/2006
Toluene - d8 (Surr)	98.2		% Recovery	EPA 8260B	11/11/2006
4-Bromofluorobenzene (Surr)	105		% Recovery	EPA 8260B	11/11/2006
TPH as Diesel (w/ Silica Gel)	700	50	ug/L	M EPA 8015	11/15/2006
TPH as Motor Oil (w/ Silica Gel)	< 100	100	ug/L	M EPA 8015	11/15/2006
Octacosane (Diesel Silica Gel Surr)	94.2		% Recovery	M EPA 8015	11/15/2006

Approved By:

Joel Kiff

Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-6**

Matrix : Water

Lab Number : 53257-05

Sample Date : 11/9/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	110	4.0	ug/L	EPA 8260B	11/11/2006
Toluene	6.9	4.0	ug/L	EPA 8260B	11/11/2006
Ethylbenzene	< 4.0	4.0	ug/L	EPA 8260B	11/11/2006
Total Xylenes	8.2	4.0	ug/L	EPA 8260B	11/11/2006
Methyl-t-butyl ether (MTBE)	1500	4.0	ug/L	EPA 8260B	11/11/2006
Diisopropyl ether (DIPE)	< 4.0	4.0	ug/L	EPA 8260B	11/11/2006
Ethyl-t-butyl ether (ETBE)	< 4.0	4.0	ug/L	EPA 8260B	11/11/2006
Tert-amyl methyl ether (TAME)	16	4.0	ug/L	EPA 8260B	11/11/2006
Tert-Butanol	3900	20	ug/L	EPA 8260B	11/11/2006
TPH as Gasoline	3200	400	ug/L	EPA 8260B	11/11/2006
Toluene - d8 (Surr)	99.2		% Recovery	EPA 8260B	11/11/2006
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	11/11/2006
TPH as Diesel (w/ Silica Gel)	1700	50	ug/L	M EPA 8015	11/15/2006
TPH as Motor Oil (w/ Silica Gel)	< 100	100	ug/L	M EPA 8015	11/15/2006
Octacosane (Diesel Silica Gel Surr)	98.8		% Recovery	M EPA 8015	11/15/2006

Approved By:

Joel Kiff



Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-7**

Matrix : Water

Lab Number : 53257-06

Sample Date : 11/9/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Methyl-t-butyl ether (MTBE)	5.7	0.50	ug/L	EPA 8260B	11/11/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	11/11/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	11/11/2006
Toluene - d8 (Surr)	94.6		% Recovery	EPA 8260B	11/11/2006
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	11/11/2006
TPH as Diesel (w/ Silica Gel)	< 50	50	ug/L	M EPA 8015	11/15/2006
TPH as Motor Oil (w/ Silica Gel)	< 100	100	ug/L	M EPA 8015	11/15/2006
Octacosane (Diesel Silica Gel Surr)	88.4		% Recovery	M EPA 8015	11/15/2006

Approved By:

Joel Kiff



Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-8**

Matrix : Water

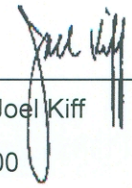
Lab Number : 53257-07

Sample Date : 11/9/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Methyl-t-butyl ether (MTBE)	9.3	0.50	ug/L	EPA 8260B	11/11/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	11/11/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	11/11/2006
Toluene - d8 (Surr)	98.1		% Recovery	EPA 8260B	11/11/2006
4-Bromofluorobenzene (Surr)	107		% Recovery	EPA 8260B	11/11/2006
TPH as Diesel (w/ Silica Gel)	< 50	50	ug/L	M EPA 8015	11/16/2006
TPH as Motor Oil (w/ Silica Gel)	< 100	100	ug/L	M EPA 8015	11/16/2006
Octacosane (Diesel Silica Gel Surr)	97.0		% Recovery	M EPA 8015	11/16/2006

Approved By:

Joel Kiff



Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-9**

Matrix : Water

Lab Number : 53257-08

Sample Date : 11/9/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	13	1.5	ug/L	EPA 8260B	11/13/2006
Toluene	< 1.5	1.5	ug/L	EPA 8260B	11/13/2006
Ethylbenzene	< 1.5	1.5	ug/L	EPA 8260B	11/13/2006
Total Xylenes	< 1.5	1.5	ug/L	EPA 8260B	11/13/2006
Methyl-t-butyl ether (MTBE)	3.1	1.5	ug/L	EPA 8260B	11/13/2006
Diisopropyl ether (DIPE)	< 1.5	1.5	ug/L	EPA 8260B	11/13/2006
Ethyl-t-butyl ether (ETBE)	< 1.5	1.5	ug/L	EPA 8260B	11/13/2006
Tert-amyl methyl ether (TAME)	< 1.5	1.5	ug/L	EPA 8260B	11/13/2006
Tert-Butanol	3900	7.0	ug/L	EPA 8260B	11/13/2006
TPH as Gasoline	< 150	150	ug/L	EPA 8260B	11/13/2006
Toluene - d8 (Surr)	98.1		% Recovery	EPA 8260B	11/13/2006
4-Bromofluorobenzene (Surr)	106		% Recovery	EPA 8260B	11/13/2006
TPH as Diesel (w/ Silica Gel)	< 50	50	ug/L	M EPA 8015	11/16/2006
TPH as Motor Oil (w/ Silica Gel)	< 100	100	ug/L	M EPA 8015	11/16/2006
Octacosane (Diesel Silica Gel Surr)	96.6		% Recovery	M EPA 8015	11/16/2006

Approved By:

Joel Kiff

Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-10**

Matrix : Water

Lab Number : 53257-09

Sample Date : 11/9/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	11/14/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	11/14/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	11/14/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	11/14/2006
Methyl-t-butyl ether (MTBE)	1.7	0.50	ug/L	EPA 8260B	11/14/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	11/14/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	11/14/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	11/14/2006
Tert-Butanol	82	5.0	ug/L	EPA 8260B	11/14/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	11/14/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	11/14/2006
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	11/14/2006
TPH as Diesel (w/ Silica Gel)	< 50	50	ug/L	M EPA 8015	11/16/2006
TPH as Motor Oil (w/ Silica Gel)	< 100	100	ug/L	M EPA 8015	11/16/2006
Octacosane (Diesel Silica Gel Surr)	97.0		% Recovery	M EPA 8015	11/16/2006

Approved By:

Joel Kiff



QC Report : Method Blank DataProject 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	11/15/2006
TPH as Motor Oil (w/ Silica Gel)	< 100	100	ug/L	M EPA 8015	11/15/2006
Octacosane (Diesel Silica Gel Surr)	99.0		%	M EPA 8015	11/15/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	11/11/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	11/11/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	11/11/2006
Toluene - d8 (Surr)	94.7		%	EPA 8260B	11/11/2006
4-Bromofluorobenzene (Surr)	110		%	EPA 8260B	11/11/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	11/13/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	11/13/2006
Toluene - d8 (Surr)	95.5		%	EPA 8260B	11/13/2006
4-Bromofluorobenzene (Surr)	107		%	EPA 8260B	11/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	11/13/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	11/13/2006
Toluene - d8 (Surr)	101		%	EPA 8260B	11/13/2006
4-Bromofluorobenzene (Surr)	99.8		%	EPA 8260B	11/13/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	11/13/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	11/13/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	11/13/2006
Toluene - d8 (Surr)	97.3		%	EPA 8260B	11/13/2006
4-Bromofluorobenzene (Surr)	96.4		%	EPA 8260B	11/13/2006

Approved By: Joel Kiff



KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

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
TPH as Diesel	Blank	<50	1000	1000	812	823	ug/L	M EPA 8015	11/15/06	81.2	82.3	1.38	70-130	25
Benzene	53257-06	<0.50	39.8	39.9	40.4	40.7	ug/L	EPA 8260B	11/11/06	101	102	0.736	70-130	25
Toluene	53257-06	<0.50	39.8	39.9	37.3	37.1	ug/L	EPA 8260B	11/11/06	93.6	92.9	0.760	70-130	25
Tert-Butanol	53257-06	<5.0	199	200	182	190	ug/L	EPA 8260B	11/11/06	91.4	95.2	4.07	70-130	25
Methyl-t-Butyl Ether	53257-06	5.7	39.8	39.9	40.1	40.1	ug/L	EPA 8260B	11/11/06	86.3	86.1	0.161	70-130	25
Benzene	53258-02	<0.50	39.9	39.8	40.0	39.3	ug/L	EPA 8260B	11/13/06	100	98.7	1.54	70-130	25
Toluene	53258-02	<0.50	39.9	39.8	37.0	36.5	ug/L	EPA 8260B	11/13/06	92.7	91.5	1.32	70-130	25
Tert-Butanol	53258-02	<5.0	200	199	177	194	ug/L	EPA 8260B	11/13/06	88.8	97.5	9.35	70-130	25
Methyl-t-Butyl Ether	53258-02	<0.50	39.9	39.8	35.5	35.1	ug/L	EPA 8260B	11/13/06	88.8	88.0	0.886	70-130	25
Benzene	53286-02	<0.50	40.0	40.0	40.8	39.2	ug/L	EPA 8260B	11/13/06	102	98.0	4.09	70-130	25
Toluene	53286-02	<0.50	40.0	40.0	40.2	38.6	ug/L	EPA 8260B	11/13/06	100	96.5	4.11	70-130	25
Tert-Butanol	53286-02	<5.0	200	200	204	191	ug/L	EPA 8260B	11/13/06	102	95.7	6.37	70-130	25
Methyl-t-Butyl Ether	53286-02	<0.50	40.0	40.0	39.7	39.8	ug/L	EPA 8260B	11/13/06	99.2	99.6	0.378	70-130	25
Benzene	53257-01	0.56	40.0	40.0	39.7	39.2	ug/L	EPA 8260B	11/13/06	97.9	96.5	1.39	70-130	25
Toluene	53257-01	<0.50	40.0	40.0	38.9	38.4	ug/L	EPA 8260B	11/13/06	97.3	96.1	1.21	70-130	25
Tert-Butanol	53257-01	1300	200	200	1440	1430	ug/L	EPA 8260B	11/13/06	73.9	70.4	4.92	70-130	25
Methyl-t-Butyl Ether	53257-01	180	40.0	40.0	217	214	ug/L	EPA 8260B	11/13/06	77.3	70.2	9.53	70-130	25

Approved By:  Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

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	11/11/06	102	70-130
Toluene	40.0	ug/L	EPA 8260B	11/11/06	94.3	70-130
Tert-Butanol	200	ug/L	EPA 8260B	11/11/06	92.2	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	11/11/06	87.2	70-130
Benzene	40.0	ug/L	EPA 8260B	11/13/06	101	70-130
Toluene	40.0	ug/L	EPA 8260B	11/13/06	94.3	70-130
Tert-Butanol	200	ug/L	EPA 8260B	11/13/06	92.8	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	11/13/06	91.0	70-130
Benzene	40.0	ug/L	EPA 8260B	11/13/06	101	70-130
Toluene	40.0	ug/L	EPA 8260B	11/13/06	100	70-130
Tert-Butanol	200	ug/L	EPA 8260B	11/13/06	101	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	11/13/06	93.1	70-130
Benzene	40.0	ug/L	EPA 8260B	11/13/06	99.5	70-130
Toluene	40.0	ug/L	EPA 8260B	11/13/06	99.1	70-130
Tert-Butanol	200	ug/L	EPA 8260B	11/13/06	99.5	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	11/13/06	95.8	70-130

KIFF ANALYTICAL, LLC

Approved By:

Joel Kiff

Chain of Custody

53257

PROJECT NAME Oakland Truck Stop JOB NO. 3540
ADDRESS 8255 San Leandro Str, Oakland, CA

SPECIAL INSTRUCTIONS:

RELINQUISHED BY: <i>M. Rauscher</i>		RECEIVED BY:		RELINQUISHED BY:		RECEIVED BY LABORATORY:		COMMENTS:	
(signature)	(time)	(signature)	(time)	(signature)	(time)	(signature)	(time)	<i>HL pres.</i>	
<i>M. Rauscher</i>						<i>Jas-n W Hermsen</i>		TURN AROUND TIME	
(printed name)	(date)	(printed name)	(date)	(printed name)	(date)	(printed name)	(date)	<u>STANDARD</u> 24Hr 48Hr 72Hr	
Company-ASE, INC.		Company-		Company-		<i>Kiff Andert 111000</i>		OTHER:	
							<i>0950</i>		