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August 7, 2006

QUARTERLY GROUNDWATER MONITORING REPORT
JUNE 20, 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.
208 W. El Pintado, Suite C
Danville, CA 94526
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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
Danville, CA 94526
Contact: Robert Kitay, Senior Geologist
(925) 820-9391

Agency Review

Mr. Amir Gholami
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 June 20, 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.

2.0 GROUNDWATER FLOW DIRECTION AND GRADIENT

On June 20, 2006, ASE measured the depth to water in monitoring wells MW-1 through MW-9 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 0.40-feet of free-phase hydrocarbons, a significant decrease from last quarter's measurement. This product was subsequently bailed from the well until only a sheen was visible. Approximately half 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 June 20, 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 was generally to the west and southwest with a gradient 0.01 feet per foot.

3.0 GROUNDWATER SAMPLE COLLECTION AND ANALYSIS

Groundwater samples were collected from monitoring wells MW-2 through MW-8. Monitoring well MW-1 contained free-phase hydrocarbons and was not sampled. Monitoring well MW-9 was not sampled due to a truck being parked over the well. 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) by EPA Method 3550/8015M, 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 and Appendix C.

4.0 FREE-PRODUCT SAMPLING ANALYSIS

On July 10, 2006, ASE collected a sample of free-product from monitoring well MW-1 using a bailer. The sample was decanted from the bailer into a 40 ml VOA vial. The sample was then labeled and transported to Friedman and Bruya, Inc. of Seattle, Washington (CA DHS ELAP #06241). The sample was then analyzed for forensic evaluation by modified EPA Method 8015. The report is presented as Appendix C.

The report indicates that the product was indicative of middle distillates such as diesel fuel #2 or heating oil. The abundance of isoprenoids in conjunction with the absence of normal alkanes indicates that the fuel has undergone substantial biological degradation.

5.0 CONCLUSIONS

- Monitoring well MW-1 contained approximately 0.40-feet of free-phase hydrocarbons this quarter. Results the forensic evaluation test are indicative of diesel that has undergone substantial biological degradation.
- Analytical results for groundwater samples collected from monitoring wells MW-2, MW-4, MW-7 and MW-8 are very similar to previous results.
- Hydrocarbons concentration in groundwater samples collected from monitoring well MW-3 increased from the previous sampling but still exhibits a long term decreasing trend in hydrocarbon concentrations.
- Hydrocarbon concentration 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 concentration in monitoring well MW-6.

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-2—TPH-G
- MW-3—TPH-G, TPH-D and MTBE
- MW-5—TPH-D
- MW-6—TPH-G, TPH-D and benzene

6.0 RECOMMENDATIONS

ASE recommends that this site remain on a quarterly sampling schedule. The next sampling is scheduled for September 2006. Free-phase hydrocarbon removal from monitoring well MW-1 will continue during the next quarter.

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

7.0 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

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
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

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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
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

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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	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
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
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

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

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-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)						
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
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

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
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
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

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
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
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											
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.

**** = Non-typical diesel pattern.

NE = MCL/ESL not established.

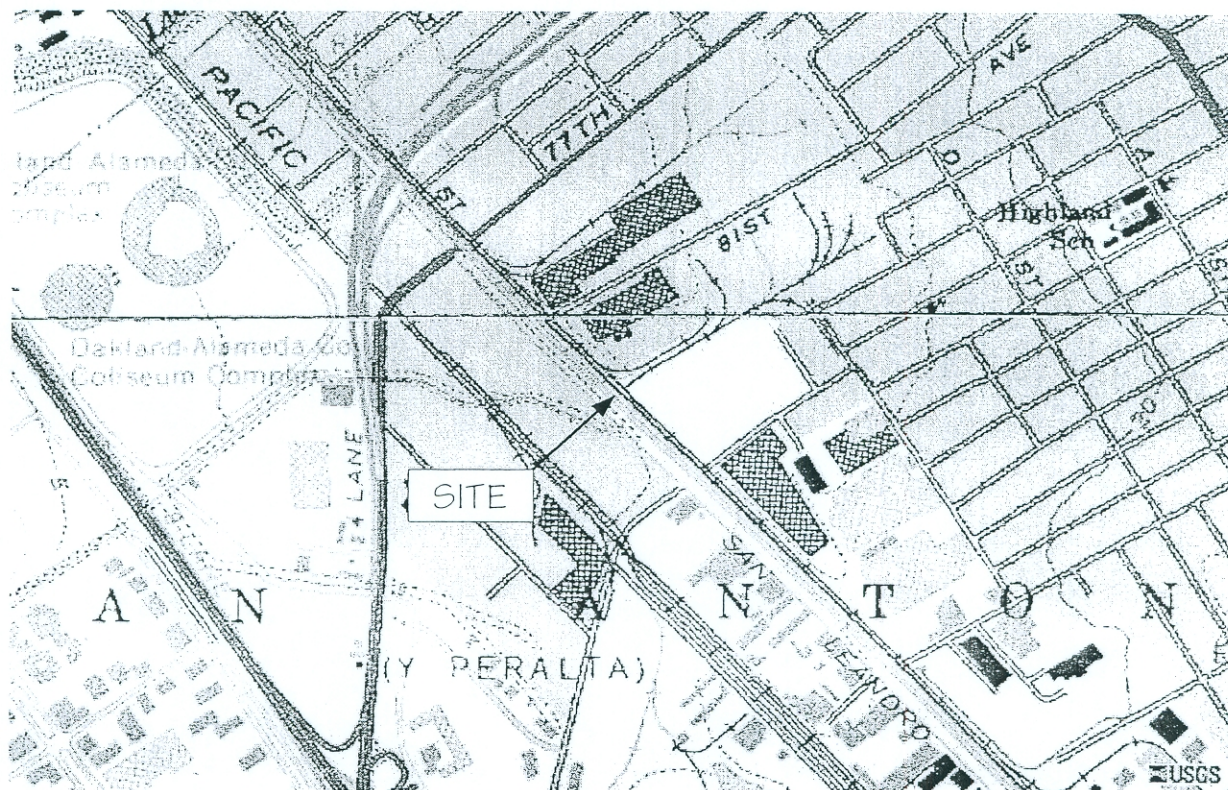
= MTBE concentration by EPA Method 8260

NA = Sample not analyzed for this compound.

FIGURES



NORTH

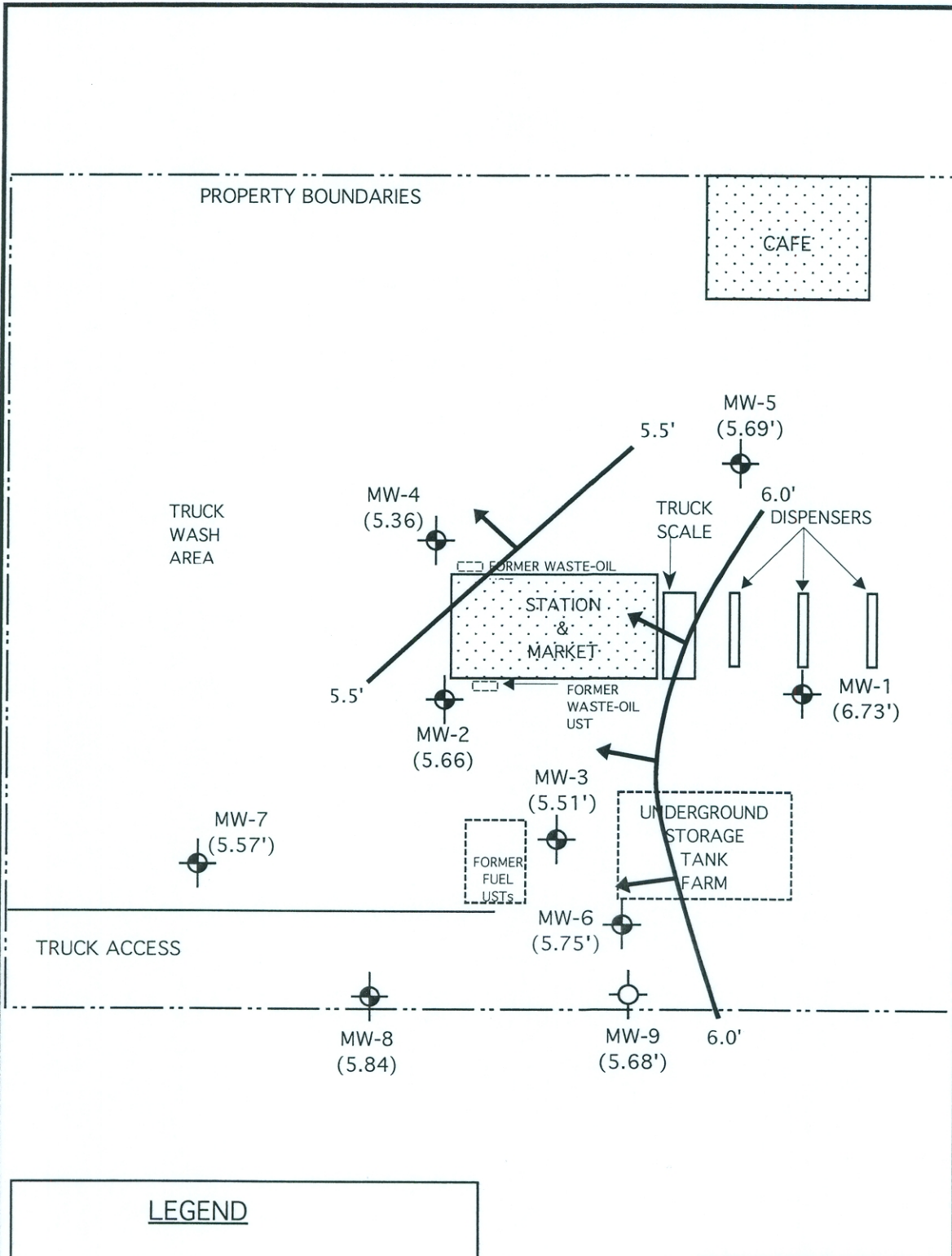


LOCATION MAP

OAKLAND TRUCK STOP
8255 SAN LEANDRO STREET
OAKLAND, CALIFORNIA

AQUA SCIENCE ENGINEERS, INC.

Figure 1



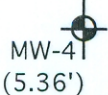
LEGEND



Potentiometric surface contour
with arrow indicating groundwater
flow direction



4-inch diameter monitoring



Monitoring well (with groundwater
elevation in feet)



NORTH

SCALE
1" = 50'

POTENTIOMETRIC
SURFACE CONTOUR MAP
6/20/06

OAKLAND TRUCK STOP
8255 SAN LEANDRO STREET
OAKLAND, CALIFORNIA

AQUA SCIENCE ENGINEERS

Figure 2

APPENDIX A

Well Sampling Field Logs

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME O T S
 JOB NUMBER 3540 DATE OF SAMPLING MLR 6-20-06
 WELL ID. MW-2 SAMPLER MLR
 TOTAL DEPTH OF WELL 14.60 WELL DIAMETER 2
 DEPTH TO WATER PRIOR TO PURGING 5.04
 PRODUCT THICKNESS 0
 DEPTH OF WELL CASING IN WATER 9.56
 NUMBER OF GALLONS PER WELL CASING VOLUME 3 1.59
 NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3
 REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 4.78
 EQUIPMENT USED TO PURGE WELL D - Basler
 TIME EVACUATION STARTED 1115 TIME EVACUATION COMPLETED 1135
 TIME SAMPLES WERE COLLECTED 1140
 DID WELL GO DRY NO AFTER HOW MANY GALLONS —
 VOLUME OF GROUNDWATER PURGED 6
 SAMPLING DEVICE D - Basler
 SAMPLE COLOR clear ODOR/SEDIMENT slight d / clear

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
<u>2</u>	<u>68.9 69.3</u>	<u>7.08 6.68</u>	<u>1788</u>
<u>4</u>	<u>68.5</u>	<u>7.01 6.59</u>	<u>1860</u>
<u>6</u>	<u>67.4</u>	<u>6.56</u>	<u>1428 1656</u>

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
<u>MW-2</u>	<u>5</u>	<u>VOA</u>	<u>TPH-D/G/BIR-X</u>	<u>HCL</u>

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME OTS
 JOB NUMBER 3540 DATE OF SAMPLING 6-20-06
 WELL ID. MW-3 SAMPLER MLK
 TOTAL DEPTH OF WELL 15.0 WELL DIAMETER 2
 DEPTH TO WATER PRIOR TO PURGING 4.81
 PRODUCT THICKNESS 0
 DEPTH OF WELL CASING IN WATER 10.19
 NUMBER OF GALLONS PER WELL CASING VOLUME 1.70
 NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3
 REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 5.10
 EQUIPMENT USED TO PURGE WELL D-Bailer
 TIME EVACUATION STARTED 1350 TIME EVACUATION COMPLETED 1415
 TIME SAMPLES WERE COLLECTED 1420
 DID WELL GO DRY NO AFTER HOW MANY GALLONS —
 VOLUME OF GROUNDWATER PURGED 6
 SAMPLING DEVICE D-Bailer
 SAMPLE COLOR Clear ODOR/SEDIMENT strong O/black silt

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
2	72.3	6.94	907
4	69.1	6.88	879
6	70.2	6.78	865

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-3	5	VOA		HCL

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME OTS

JOB NUMBER 3540

DATE OF SAMPLING 6-20-06

WELL ID. MW-4

SAMPLER MLK

TOTAL DEPTH OF WELL 14.0

WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 5.14

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 8.86

NUMBER OF GALLONS PER WELL CASING VOLUME 1.47

NUMBER OF WELL CASING VOLUMES TO BE REMOVED ~~4.44~~ 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 4.44

EQUIPMENT USED TO PURGE WELL D-Bailer

TIME EVACUATION STARTED 1145

TIME EVACUATION COMPLETED 1210

TIME SAMPLES WERE COLLECTED 1215

DID WELL GO DRY No

AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED

SAMPLING DEVICE D-Bailer

SAMPLE COLOR clear

ODOR/SEDIMENT slight O / clear

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
2	69.3	7.10	1254
4	68.4	7.04	1330
6	68.9	6.98	1406

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-4	5	VOA		HC

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME OTS

JOB NUMBER 3540

DATE OF SAMPLING 6-20-06

WELL ID. MW-5

SAMPLER MLK

TOTAL DEPTH OF WELL 14.0

WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 4.51

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 9.49

NUMBER OF GALLONS PER WELL CASING VOLUME 1.58

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 4.75

EQUIPMENT USED TO PURGE WELL D-Bailer

TIME EVACUATION STARTED 1250

TIME EVACUATION COMPLETED 1210

TIME SAMPLES WERE COLLECTED 1320

DID WELL GO DRY NO

AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 6

SAMPLING DEVICE D-Bailer

SAMPLE COLOR clear

ODOR/SEDIMENT slight O / some silt

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
2	73.2	6.44	1312
4	71.4	6.82	1306
6	69.5	6.79	1309

SAMPLES COLLECTED

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

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME

OTS

JOB NUMBER

3540

DATE OF SAMPLING

6-20-06

WELL ID.

MW-6

SAMPLER

MLK

TOTAL DEPTH OF WELL

14.3

WELL DIAMETER

2

DEPTH TO WATER PRIOR TO PURGING

4.96

PRODUCT THICKNESS

0

DEPTH OF WELL CASING IN WATER

9.34

NUMBER OF GALLONS PER WELL CASING VOLUME

1.55

NUMBER OF WELL CASING VOLUMES TO BE REMOVED

~~4.67~~ 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING

4.67

EQUIPMENT USED TO PURGE WELL

D-Bailer

TIME EVACUATION STARTED

1325

TIME EVACUATION COMPLETED

1340

TIME SAMPLES WERE COLLECTED

1345

DID WELL GO DRY

NO

AFTER HOW MANY GALLONS

—

VOLUME OF GROUNDWATER PURGED

SAMPLING DEVICE

D-Bailer

SAMPLE COLOR

cloudy

ODOR/SEDIMENT

strong 0 / grey - blk

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
2	72.5	7.28	685
4	69.5	7.16	676
6	69.4	6.98	664

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-6	5	VOA		HCE

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME OTS

JOB NUMBER 3540 DATE OF SAMPLING 6-20-06

WELL ID. MW-7 SAMPLER MLR

TOTAL DEPTH OF WELL 16.2 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 3.60

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 12.6

NUMBER OF GALLONS PER WELL CASING VOLUME 2.10

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 6.3

EQUIPMENT USED TO PURGE WELL D - Bailer

TIME EVACUATION STARTED 1045 TIME EVACUATION COMPLETED 1105

TIME SAMPLES WERE COLLECTED 1110

DID WELL GO DRY 0 AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED

SAMPLING DEVICE D - Bailer

SAMPLE COLOR clear - hwn ODOR/SEDIMENT no O / clear

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
3	66.9	7.36	1211
6	65.7	7.13	1239
9	64.8	7.10	1258

SAMPLES COLLECTED

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

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME OTS

JOB NUMBER 3540 DATE OF SAMPLING 6-20-06

WELL ID. MW-8 SAMPLER MLR

TOTAL DEPTH OF WELL 15.0 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 3.84

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 11.16

NUMBER OF GALLONS PER WELL CASING VOLUME 1.86

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 5.59

EQUIPMENT USED TO PURGE WELL D-Baller

TIME EVACUATION STARTED 1220 TIME EVACUATION COMPLETED 1240

TIME SAMPLES WERE COLLECTED 1245

DID WELL GO DRY No AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED

SAMPLING DEVICE D-Baller

SAMPLE COLOR Clear ODOR/SEDIMENT No 0 / clear

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
<u>2</u>	<u>70.1</u>	<u>6.94 7.29</u>	<u>945</u>
<u>4</u>	<u>67.3</u>	<u>7.51</u>	<u>940</u>
<u>6</u>	<u>67.8</u>	<u>7.57</u>	<u>944</u>

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
<u>MW-8</u>	<u>5</u>	<u>VUA</u>		<u>HCL</u>

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME	OTS		
JOB NUMBER	3540	DATE OF SAMPLING	6-20-06
WELL ID.	MW-9	SAMPLER	2 MLK
TOTAL DEPTH OF WELL	19.59	WELL DIAMETER	2 4
DEPTH TO WATER PRIOR TO PURGING	5.39		
PRODUCT THICKNESS	2		
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			
TIME EVACUATION STARTED	1325	TIME EVACUATION COMPLETED	1340
TIME SAMPLES WERE COLLECTED	1345		
DID WELL GO DRY		AFTER HOW MANY GALLONS	
VOLUME OF GROUNDWATER PURGED	No sample		
SAMPLING DEVICE			
SAMPLE COLOR		ODOR/SEDIMENT	

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
no purged			

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-9	5	VOA		HL
no sample		track on well		

APPENDIX B

Certified Analytical Report
and
Chain of Custody Documentation



Report Number : 50791

Date : 6/30/2006

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

Subject : 7 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".

Joel Kiff



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

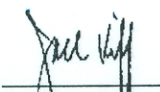
Case Narrative

The Method Reporting Limit for Methanol has been increased due to the presence of an interfering compound for samples MW-3 and MW-5.

Matrix Spike/Matrix Spike Duplicate Results associated with samples MW-6 and MW-3 for the analytes Benzene and Toluene were affected by the analyte concentrations already present in the un-spiked sample.

The Method Reporting Limit for TPH as Diesel is increased due to interference from Gasoline-Range Hydrocarbons for sample MW-2.

Approved By: _____


Joel Kiff

Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-2**

Matrix : Water

Lab Number : 50791-01

Sample Date : 6/20/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	1.6	0.50	ug/L	EPA 8260B	6/28/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Ethylbenzene	1.0	0.50	ug/L	EPA 8260B	6/28/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Methyl-t-butyl ether (MTBE)	280	0.50	ug/L	EPA 8260B	6/28/2006
Diisopropyl ether (DIPE)	5.8	0.50	ug/L	EPA 8260B	6/28/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Tert-amyl methyl ether (TAME)	1.5	0.50	ug/L	EPA 8260B	6/28/2006
Tert-Butanol	1500	5.0	ug/L	EPA 8260B	6/28/2006
Methanol	< 50	50	ug/L	EPA 8260B	6/28/2006
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	6/28/2006
TPH as Gasoline	1100	50	ug/L	EPA 8260B	6/28/2006
Toluene - d8 (Surr)	96.1		% Recovery	EPA 8260B	6/28/2006
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	6/28/2006
TPH as Diesel (Silica Gel)	< 80	80	ug/L	M EPA 8015	6/29/2006
Octacosane (Diesel Surrogate)	107		% Recovery	M EPA 8015	6/29/2006

Approved By:

Joel Kiff



Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-3**

Matrix : Water

Lab Number : 50791-02

Sample Date : 6/20/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	6900	15	ug/L	EPA 8260B	6/28/2006
Toluene	45	7.0	ug/L	EPA 8260B	6/28/2006
Ethylbenzene	130	7.0	ug/L	EPA 8260B	6/28/2006
Total Xylenes	29	7.0	ug/L	EPA 8260B	6/28/2006
Methyl-t-butyl ether (MTBE)	5000	15	ug/L	EPA 8260B	6/28/2006
Diisopropyl ether (DIPE)	9.5	7.0	ug/L	EPA 8260B	6/28/2006
Ethyl-t-butyl ether (ETBE)	< 7.0	7.0	ug/L	EPA 8260B	6/28/2006
Tert-amyl methyl ether (TAME)	34	7.0	ug/L	EPA 8260B	6/28/2006
Tert-Butanol	2900	40	ug/L	EPA 8260B	6/28/2006
Methanol	< 800	800	ug/L	EPA 8260B	6/28/2006
Ethanol	< 70	70	ug/L	EPA 8260B	6/28/2006
TPH as Gasoline	18000	700	ug/L	EPA 8260B	6/28/2006
Toluene - d8 (Surr)	95.0		% Recovery	EPA 8260B	6/28/2006
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	6/28/2006
TPH as Diesel (Silica Gel)	20000	50	ug/L	M EPA 8015	6/30/2006
Octacosane (Diesel Surrogate)	87.0		% Recovery	M EPA 8015	6/30/2006

Approved By:

Joel Kiff

Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-4**

Matrix : Water

Lab Number : 50791-03

Sample Date : 6/20/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Methyl-t-butyl ether (MTBE)	11	0.50	ug/L	EPA 8260B	6/28/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Tert-Butanol	120	5.0	ug/L	EPA 8260B	6/28/2006
Methanol	< 50	50	ug/L	EPA 8260B	6/28/2006
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	6/28/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	6/28/2006
Toluene - d8 (Surr)	93.4		% Recovery	EPA 8260B	6/28/2006
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	6/28/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	6/29/2006
Octacosane (Diesel Surrogate)	99.0		% Recovery	M EPA 8015	6/29/2006

Approved By:

Joel Kiff

Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-5**

Matrix : Water

Lab Number : 50791-04

Sample Date : 6/20/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Methyl-t-butyl ether (MTBE)	42	0.50	ug/L	EPA 8260B	6/28/2006
Diisopropyl ether (DIPE)	3.6	0.50	ug/L	EPA 8260B	6/28/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Tert-Butanol	3000	7.0	ug/L	EPA 8260B	6/28/2006
Methanol	< 80	80	ug/L	EPA 8260B	6/28/2006
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	6/28/2006
TPH as Gasoline	84	50	ug/L	EPA 8260B	6/28/2006
Toluene - d8 (Surr)	93.7		% Recovery	EPA 8260B	6/28/2006
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	6/28/2006
TPH as Diesel (Silica Gel)	1300	50	ug/L	M EPA 8015	6/29/2006
Octacosane (Diesel Surrogate)	96.6		% Recovery	M EPA 8015	6/29/2006

Approved By:

Joel Kiff

Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-6**

Matrix : Water

Lab Number : 50791-05

Sample Date :6/20/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	140	3.0	ug/L	EPA 8260B	6/28/2006
Toluene	10	3.0	ug/L	EPA 8260B	6/28/2006
Ethylbenzene	5.2	3.0	ug/L	EPA 8260B	6/28/2006
Total Xylenes	18	3.0	ug/L	EPA 8260B	6/28/2006
Methyl-t-butyl ether (MTBE)	1600	3.0	ug/L	EPA 8260B	6/28/2006
Diisopropyl ether (DIPE)	< 3.0	3.0	ug/L	EPA 8260B	6/28/2006
Ethyl-t-butyl ether (ETBE)	< 3.0	3.0	ug/L	EPA 8260B	6/28/2006
Tert-amyl methyl ether (TAME)	23	3.0	ug/L	EPA 8260B	6/28/2006
Tert-Butanol	3600	15	ug/L	EPA 8260B	6/28/2006
Methanol	< 500	500	ug/L	EPA 8260B	6/28/2006
Ethanol	< 30	30	ug/L	EPA 8260B	6/28/2006
TPH as Gasoline	3600	300	ug/L	EPA 8260B	6/28/2006
Toluene - d8 (Surr)	99.9		% Recovery	EPA 8260B	6/28/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	6/28/2006
TPH as Diesel (Silica Gel)	1500	50	ug/L	M EPA 8015	6/29/2006
Octacosane (Diesel Surrogate)	98.8		% Recovery	M EPA 8015	6/29/2006

Approved By:

Joel Kiff



Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-7**

Matrix : Water

Lab Number : 50791-06

Sample Date : 6/20/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	6/29/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	6/29/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	6/29/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/29/2006
Methyl-t-butyl ether (MTBE)	11	0.50	ug/L	EPA 8260B	6/29/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	6/29/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	6/29/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	6/29/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	6/29/2006
Methanol	< 50	50	ug/L	EPA 8260B	6/28/2006
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	6/28/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	6/29/2006
Toluene - d8 (Surr)	96.8		% Recovery	EPA 8260B	6/29/2006
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	6/29/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	6/29/2006
Octacosane (Diesel Surrogate)	117		% Recovery	M EPA 8015	6/29/2006

Approved By:

Joel Kiff



Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-8**

Matrix : Water

Lab Number : 50791-07

Sample Date : 6/20/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Methyl-t-butyl ether (MTBE)	6.6	0.50	ug/L	EPA 8260B	6/28/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	6/28/2006
Methanol	< 50	50	ug/L	EPA 8260B	6/28/2006
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	6/28/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	6/28/2006
Toluene - d8 (Surr)	93.9		% Recovery	EPA 8260B	6/28/2006
4-Bromofluorobenzene (Surr)	99.4		% Recovery	EPA 8260B	6/28/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	6/29/2006
Octacosane (Diesel Surrogate)	102		% Recovery	M EPA 8015	6/29/2006

Approved By:

Joel Kiff

Report Number : 50791

Date : 6/30/2006

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 (Silica Gel)	< 50	50	ug/L	M EPA 8015	6/29/2006
Octacosane (Diesel Surrogate)	95.2		%	M EPA 8015	6/27/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	6/29/2006
Octacosane (Diesel Surrogate)	103		%	M EPA 8015	6/29/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	6/28/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	6/28/2006
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	6/28/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	6/28/2006
Toluene - d8 (Surr)	96.8		%	EPA 8260B	6/28/2006
4-Bromofluorobenzene (Surr)	99.3		%	EPA 8260B	6/28/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	6/29/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	6/29/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	6/29/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/29/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	6/29/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	6/29/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	6/29/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	6/29/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	6/29/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	6/29/2006
Toluene - d8 (Surr)	95.7		%	EPA 8260B	6/29/2006
4-Bromofluorobenzene (Surr)	103		%	EPA 8260B	6/29/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	6/27/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	6/27/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	6/27/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/27/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	6/27/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	6/27/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	6/27/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	6/27/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	6/27/2006
Methanol	< 50	50	ug/L	EPA 8260B	6/27/2006
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	6/27/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	6/27/2006
Toluene - d8 (Surr)	98.4		%	EPA 8260B	6/27/2006
4-Bromofluorobenzene (Surr)	96.1		%	EPA 8260B	6/27/2006

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 50791

Date : 6/30/2006

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	50805-02	180	40.0	39.9	212	184	ug/L	EPA 8260B	6/28/06	67.4	0.00	200	70-130	25
Toluene	50805-02	160	40.0	39.9	190	157	ug/L	EPA 8260B	6/28/06	70.4	0.00	200	70-130	25
Tert-Butanol	50805-02	<5.0	200	200	203	204	ug/L	EPA 8260B	6/28/06	101	102	0.937	70-130	25
Methyl-t-Butyl Ether	50805-02	7.3	40.0	39.9	47.4	46.4	ug/L	EPA 8260B	6/28/06	100	98.0	2.32	70-130	25
Benzene	50055-10	0.99	40.0	40.0	43.3	42.2	ug/L	EPA 8260B	6/29/06	106	103	2.63	70-130	25
Toluene	50055-10	<0.50	40.0	40.0	39.8	38.5	ug/L	EPA 8260B	6/29/06	99.5	96.2	3.29	70-130	25
Tert-Butanol	50055-10	52	200	200	244	258	ug/L	EPA 8260B	6/29/06	96.4	103	6.72	70-130	25
Methyl-t-Butyl Ether	50055-10	6.0	40.0	40.0	48.5	48.1	ug/L	EPA 8260B	6/29/06	106	105	0.971	70-130	25
Benzene	50056-11	<0.50	40.0	40.0	38.5	39.9	ug/L	EPA 8260B	6/27/06	96.3	99.8	3.58	70-130	25
Toluene	50056-11	<0.50	40.0	40.0	37.4	38.7	ug/L	EPA 8260B	6/27/06	93.6	96.7	3.24	70-130	25
Tert-Butanol	50056-11	6.9	200	200	188	210	ug/L	EPA 8260B	6/27/06	90.7	101	11.2	70-130	25
Methyl-t-Butyl Ether	50056-11	<0.50	40.0	40.0	40.3	41.2	ug/L	EPA 8260B	6/27/06	101	103	2.23	70-130	25
TPH as Diesel	Blank	<50	1000	1000	1120	1100	ug/L	M EPA 8015	6/27/06	112	110	1.58	70-130	25
TPH as Diesel	Blank	<50	1000	1000	1130	1120	ug/L	M EPA 8015	6/29/06	113	112	1.27	70-130	25

Approved By:  Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 50791

Date : 6/30/2006

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	6/28/06	112	70-130
Toluene	40.0	ug/L	EPA 8260B	6/28/06	107	70-130
Tert-Butanol	200	ug/L	EPA 8260B	6/28/06	102	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	6/28/06	99.3	70-130
Benzene	40.0	ug/L	EPA 8260B	6/29/06	101	70-130
Toluene	40.0	ug/L	EPA 8260B	6/29/06	96.1	70-130
Tert-Butanol	200	ug/L	EPA 8260B	6/29/06	95.5	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	6/29/06	96.4	70-130
Benzene	40.0	ug/L	EPA 8260B	6/27/06	102	70-130
Toluene	40.0	ug/L	EPA 8260B	6/27/06	100	70-130
Tert-Butanol	200	ug/L	EPA 8260B	6/27/06	98.8	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	6/27/06	110	70-130

KIFF ANALYTICAL, LLC

Approved By:

Joel Kiff

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

50791

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

Chain of Custody

PAGE 1 OF 1

SAMPLER (SIGNATURE)



PROJECT NAME

Oakland Truck Stop

JOB NO. 3540

ADDRESS

8255 San Leandro Street

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:

7015
TPH-GAS / TPH-L & BTEX (8260)
EPA 5050/8015-8020

SAMPLE ID.	DATE	TIME	MATRIX	QUANTITY	TPH-GAS / TPH-L & BTEX (8260) EPA 5050/8015-8020	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	6-20-06	1140	W	5	X	X															
MW-3		1420			X	X															
MW-4		1215			X	X															
MW-5		1320			X	X															
MW-6		1345			X	X															
MW-7		1110			X	X															
MW-8	7	1245	P	4	X	X															

Sample Received

Temp °C 2.2 Therm. ID# 1R-1

Initial RLM

Date 062606 Time 1640

Coolant present: Yes No

RELINQUISHED BY:



(signature)

(time)

1700

RECEIVED BY:

(signature)

(time)

RELINQUISHED BY:

(signature)

(time)

RECEIVED BY LABORATORY:



(signature)

(time)

1400

D. ALLEN

(printed name)

(date)

6-20-06

(printed name)

(date)

(printed name)

(date)

Ron McGee

(printed name)

(date)

062606

Company-ASE, INC.

Company-

Company-

Company-

Kiff Analytical

COMMENTS:

TPH-G = (8260 B)

TURN AROUND TIME

STANDARD 24Hr 48Hr 72Hr

OTHER:

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

Chain of Custody

PAGE 1 OF 1

SAMPLER (SIGNATURE)

[Signature]

PROJECT NAME

Oakland Truck Stop

JOB NO.

3540

ADDRESS

8255 San Leandro Street

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:

SAMPLE ID.	DATE	TIME	MATRIX	QUANTITY	TPH-GAS / TPH-DIESEL (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	6-20-06	1140	W	5	X	X															
MW-3		1420			X	X															
MW-4		1215			X	X															
MW-5		1320			X	X															
MW-6		1345			X	X															
MW-7		1110			X	X															
MW-8	▽	1245	▽	4	X	X															

RELINQUISHED BY:

[Signature]

1700

(signature)

(time)

RECEIVED BY:

(signature)

(time)

RELINQUISHED BY:

(signature)

(time)

RECEIVED BY LABORATORY:

(signature)

(time)

COMMENTS:

TPH-G = (8260B)

D. ALLEN

(printed name)

6-20-06

(date)

(printed name)

(date)

(printed name)

(date)

(printed name)

(date)

TURN AROUND TIME

STANDARD

24Hr 48Hr 72Hr

OTHER:

Company-ASE, INC.

Company-

Company-

Company-

APPENDIX C

Analytical Report from
Fridman & Bruya, INC.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

July 24, 2006

Mike Rauser, Project Manager
Aqua Science Engineers, Inc.
208 W. El Pintado Road
Danville, CA 94526

Dear Mr. Rauser:

Included are the results from the testing of material submitted on July 17, 2006 from the OTS, F&BI 607121 project. The product sample submitted for forensic evaluation arrived in good condition. Upon arrival, the sample MW-1 was placed in a refrigerator maintained at 4°C until removed for sample processing.

The sample MW-1 was diluted and analyzed using a gas chromatograph with a flame ionization detector (GC/FID). The data generated yielded information on the boiling range and general chemical composition of the material present. The GC/FID traces are enclosed. A GC/FID trace of a standard consisting of normal alkanes is also provided for reference purposes.

Please contact us if additional consultation is needed by our firm in the interpretation of the analytical results provided. We appreciate this opportunity to be of service to you and hope you will call if you should have any questions. We will hold your samples for 30 days before disposal unless directed otherwise.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michele Triviño Costales
Chemist

Enclosures
NAA0724R

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/24/06
Date Received: 07/17/06
Project: OTS, F&BI 607121
Date Extracted: 07/19/06
Date Analyzed: 07/19/06

**RESULTS FROM THE ANALYSIS OF THE PRODUCT SAMPLE
FOR FORENSIC EVALUATION
BY CAPILLARY GAS CHROMATOGRAPHY
USING A FLAME IONIZATION DETECTOR (FID)**

Sample ID

GC Characterization

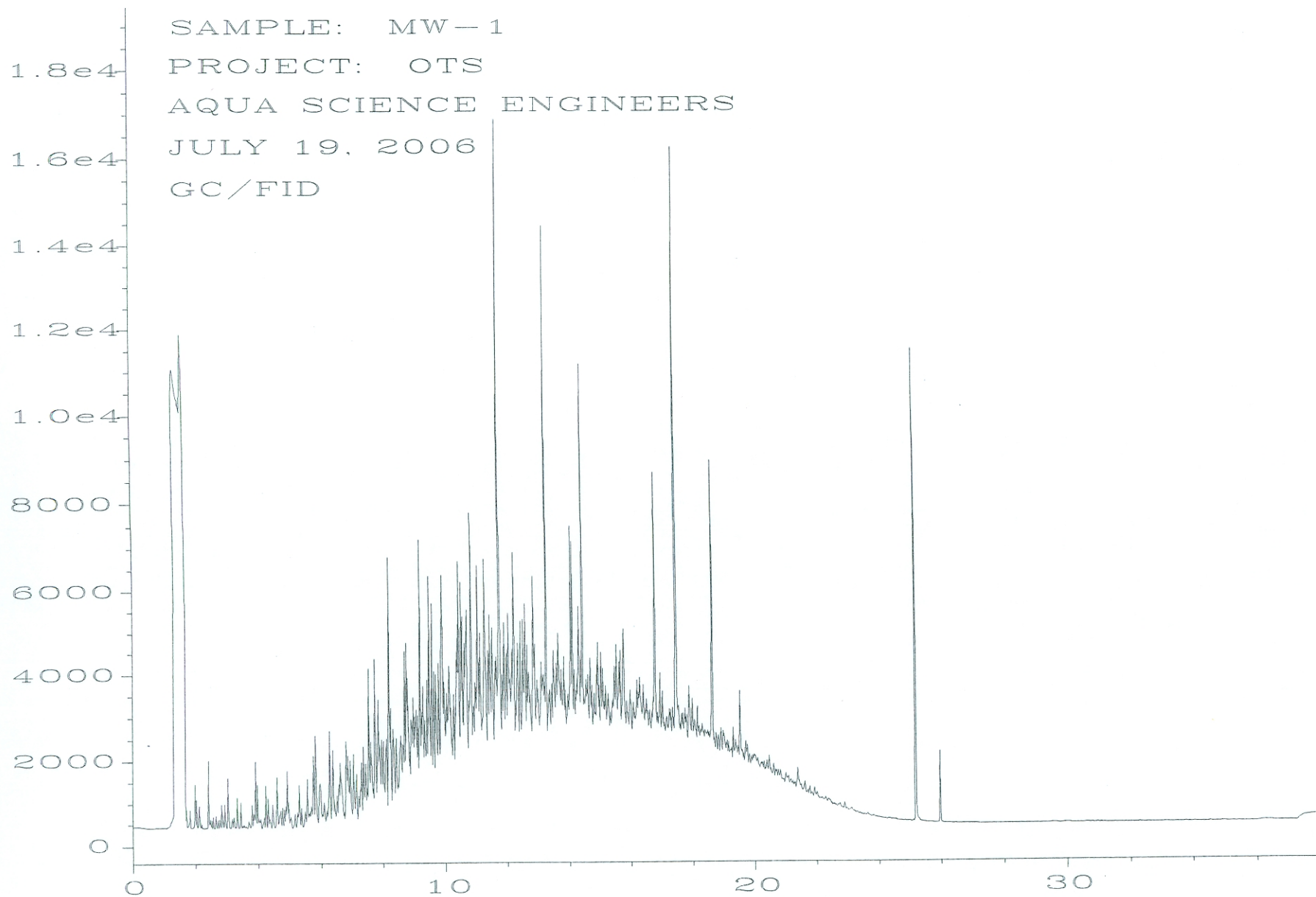
MW-1

The GC trace using the flame ionization detector (FID) showed the presence of medium boiling compounds. The patterns displayed by these peaks are indicative of a middle distillate such as diesel fuel #2 or heating oil.

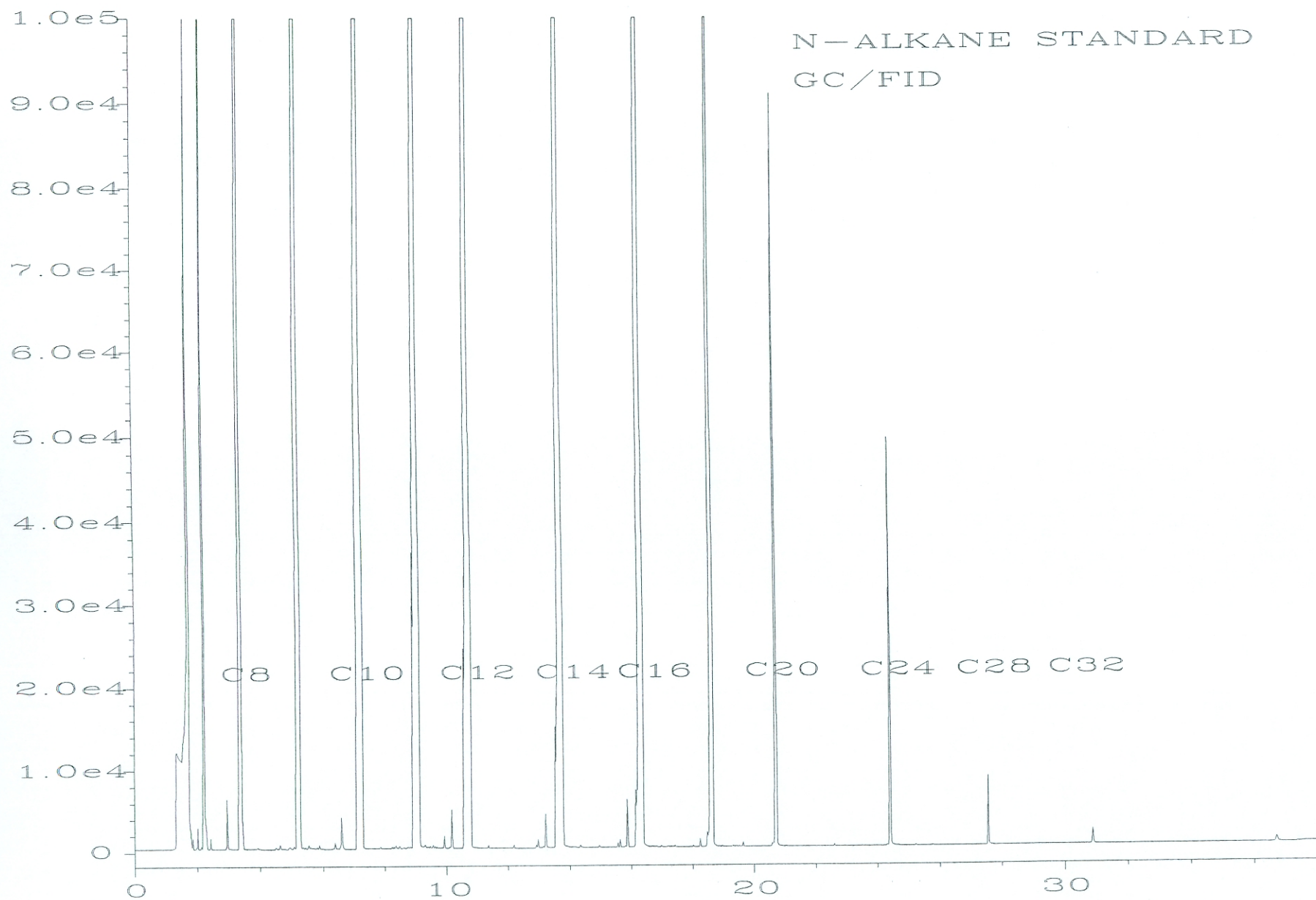
The medium boiling compounds appear as an irregular pattern of peaks on top of a broad hump or unresolved complex mixture (UCM). This material elutes from *n*-C₉ to *n*-C₂₄ showing a maximum near *n*-C₁₅. This correlates with a temperature range of approximately 150°C to 390°C with a maximum near 270°C.

Within this range, the dominant peaks present are indicative of isoprenoids including norpristane, pristane, and phytane. A discernible pattern of peaks characteristic of the normal alkanes was not present. The abundance of isoprenoids in conjunction with the apparent absence of normal alkanes indicates that the fuel present has undergone substantial biological degradation.

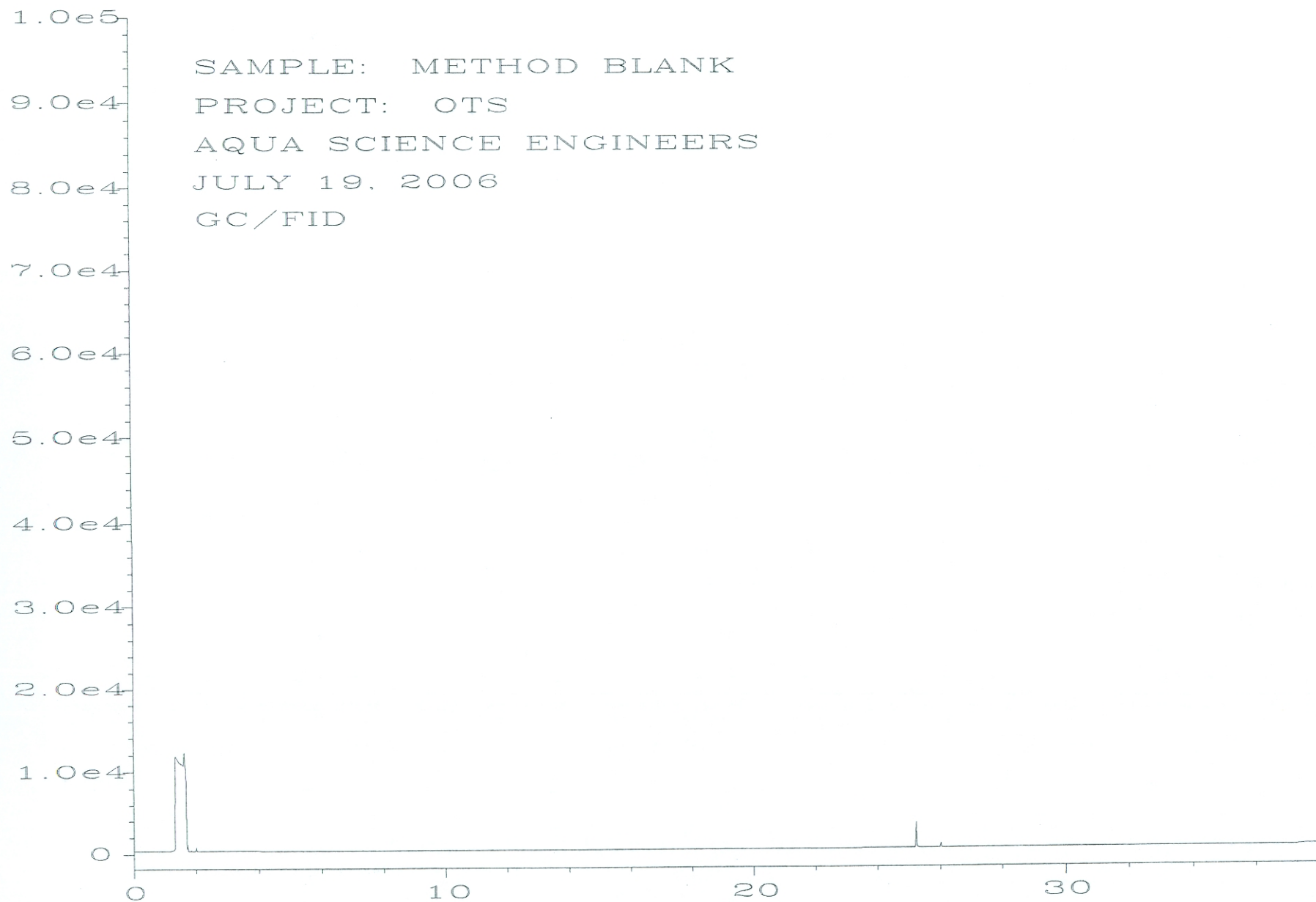
The large peak seen near 25 minutes on the GC/FID trace is pentacosane, added as a quality assurance check for this GC analysis.



Sig. 1 in C:\HPCHEM\1\DATA\07-19-06\020F0501.D



Sig. 1 in C:\HPCHEM\1\DATA\07-19-06\100F0301.D



Sig. 1 in C:\HPCHEM\1\DATA\07-19-06\002F0501.D

Chain of Custody

BOZ

PAGE

ADDRESS

JOB NO.

ANALYSIS REQUEST

PECIAL INSTRUCTIONS:

~~Raw~~ Fuel = Fuel
Fingerprint

SAMPLE ID.

DATE _____

TIME

MATRIX

QUANTITY

PH-GAS / MTEE & STEX

SECRET

CAM 17 METALS
(EPA 5010-7000)SEMI-VOLATILE ORGANICS
EPA 625/8270)

²¹⁰Pb (TOTAL or DISSOLVED) _____
EPA 6010) _____

ORGANOPHOSPHORUS
PESTICIDES (EPA 8140
EPA 608/8080)

UEL OXYGENATES
EPA 8260)

PURGEABLE HALOCARBONS
EPA 601/8010)

TPH-6/8TEX/OXY;
(82608)

VOLATILE ORGANICS
EPA 624/8240/8260)

FLUFT METALS (S)
(EPA 6010-7000)

PESTICIDES
EPA 808(i)

MULTI-RANGE HYDROCARBONS
WITH SILICA GEL CLEANUP
(EPA 3015)

CH

COMMENTS:

(time)

(signature)

(time)

(signature)

(time)

(signature)

Hindi

Mike Rauser
(printed name)

21606

(printed name)

(date)

(printed name)

(date)

Nhan Phan
(printed name)

12:00

Company-ASE, INC.

Company-

Company-

Company- Fe BI

TURN AROUND TIME
STANDARD 24Hr 48Hr 72Hr

OTHER:

10	Lab	FTD
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