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Alameda County
Environmental Health

November 12, 2007

QUARTERLY GROUNDWATER MONITORING REPORT
AUGUST 2007 GROUNDWATER SAMPLING
ASE JOB NO. 3540

at
Oakland Truck Stop
8255 San Leandro Street
Oakland, California

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

Prepared by:
AQUA SCIENCE ENGINEERS, INC.
55 Oak Court, Suite 220
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1.0 INTRODUCTION

Site Location (Site). See Figure 1

Oakland Truck Stop
8255 San Leandro Street
Oakland, California

Responsible Party

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

Environmental Consulting Firm

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

Agency Review

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

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

The following is a report detailing the methods and findings of the August 16, 2007 quarterly groundwater sampling at the above-referenced site. This sampling was conducted as required by the ACHCSA and RWQCB. ASE has prepared this report on behalf of Mr. Nissan Saidian, owner of the property.



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2.0 GROUNDWATER FLOW DIRECTION AND GRADIENT

On August 16, 2007, ASE measured the depth to water in monitoring wells MW-1 through MW-8 and MW-10 using an electric water level sounder. The surface of the groundwater was also checked for the presence of free-phase hydrocarbons or sheen. Monitoring well MW-1 contained approximately 1.05-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. Monitoring well MW-9 was not accessible due to a truck parked over the well. Groundwater elevation data is presented as Table One.

A groundwater potentiometric surface map for the August 16, 2007 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-8 and MW-10. Monitoring well MW-1 contained free-phase hydrocarbons and was not sampled. Monitoring well MW-9 was inaccessible and could not be sampled. Prior to sampling, the wells were purged of three well casing volumes of groundwater using disposable polyethylene bailers. The parameters pH, temperature, and conductivity were monitored during the well purging, and samples were not collected until these parameters stabilized. Groundwater samples were then collected from each well using the same polyethylene bailers.

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

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

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



4.0 CONCLUSIONS

- Monitoring well MW-1 contained approximately 1.05-feet of free-phase hydrocarbons this quarter, which is a significant decrease from last quarter.
- Analytical results for groundwater samples collected from monitoring well MW-2 were very similar to last quarter's results, with an increase in TPH-D and TBA from the previous quarter.
- Concentrations of TPH-D increased significantly from the previous quarter in groundwater samples collected from monitoring well MW-3, while the TPH-G, BTEX, and MTBE decreased in the same sample.
- Analytical results for groundwater samples collected from monitoring well MW-4 are very similar to previous results, with a decrease in TPH-D from the previous quarter.
- Concentrations of TPH-D and TBA increased from the previous quarter in groundwater samples collected from monitoring well MW-5, while MTBE decreased slightly in the same sample.
- Analytical results for groundwater samples collected from monitoring well MW-6 are very similar to previous results.
- Analytical results for groundwater samples collected from monitoring well MW-7 are very similar to previous results.
- Concentrations of TPH-D decreased from the previous quarter in groundwater samples collected from monitoring well MW-8, while MTBE concentrations increased slightly in the same sample.
- Hydrocarbon concentrations detected in groundwater samples collected from monitoring well MW-10 were very similar to previous results.

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

5.0 RECOMMENDATIONS

ASE recommends that this site remain on a quarterly sampling schedule. The next sampling is scheduled for November 2007. Free-phase hydrocarbon removal from monitoring well MW-1 will continue during the next quarter. A Remedial Action Plan (RAP) has recently been approved

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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by the ACHCSA for this site. This RAP will be implemented as soon as the costs are pre-approved by the California State Underground Storage Tank Cleanup Fund.

6.0 REPORT LIMITATIONS

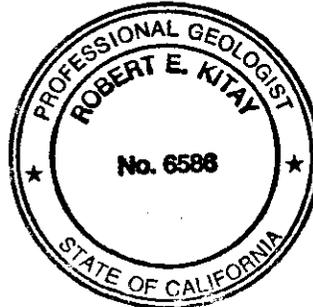
The results presented in this report represent conditions at the time of the groundwater sampling, at the specific locations where the groundwater samples were collected, and for the specific parameters analyzed by the laboratory. It does not fully characterize the site for contamination resulting from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

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

Respectfully submitted,

AQUA SCIENCE ENGINEERS, INC.

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



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

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

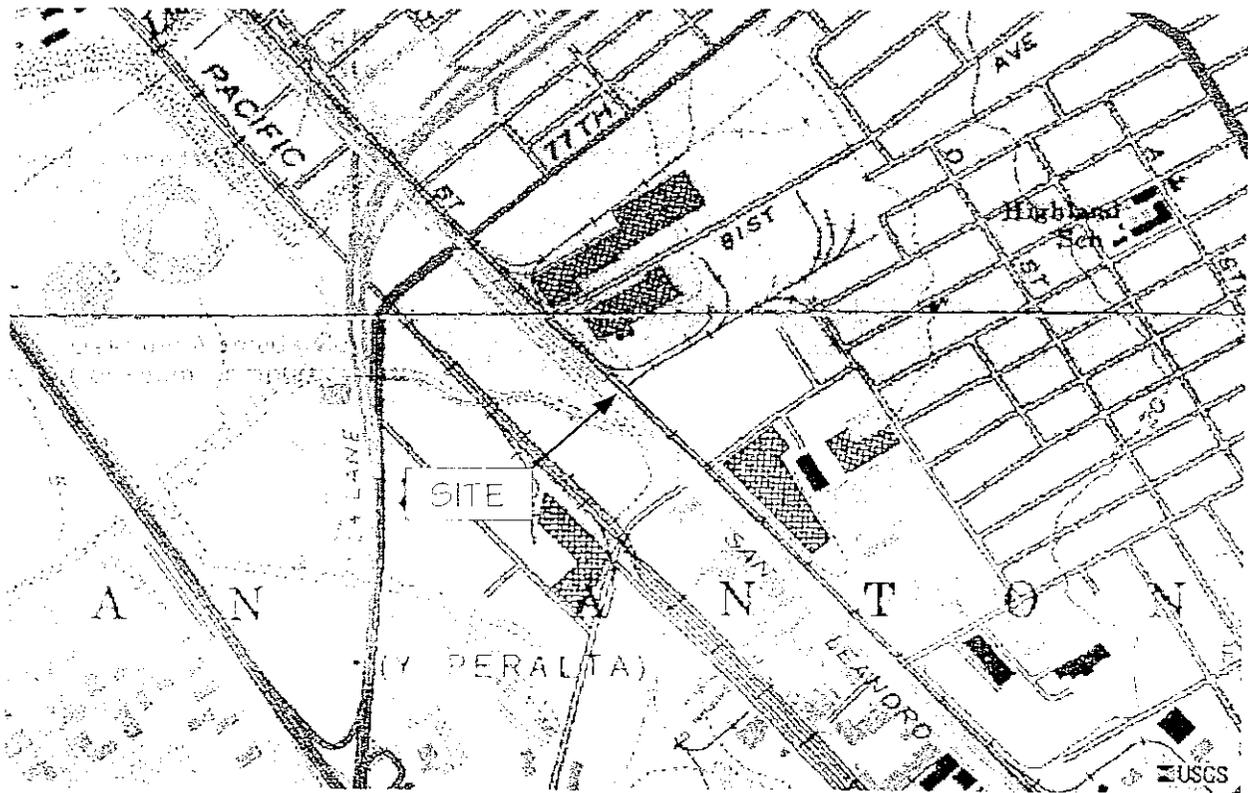


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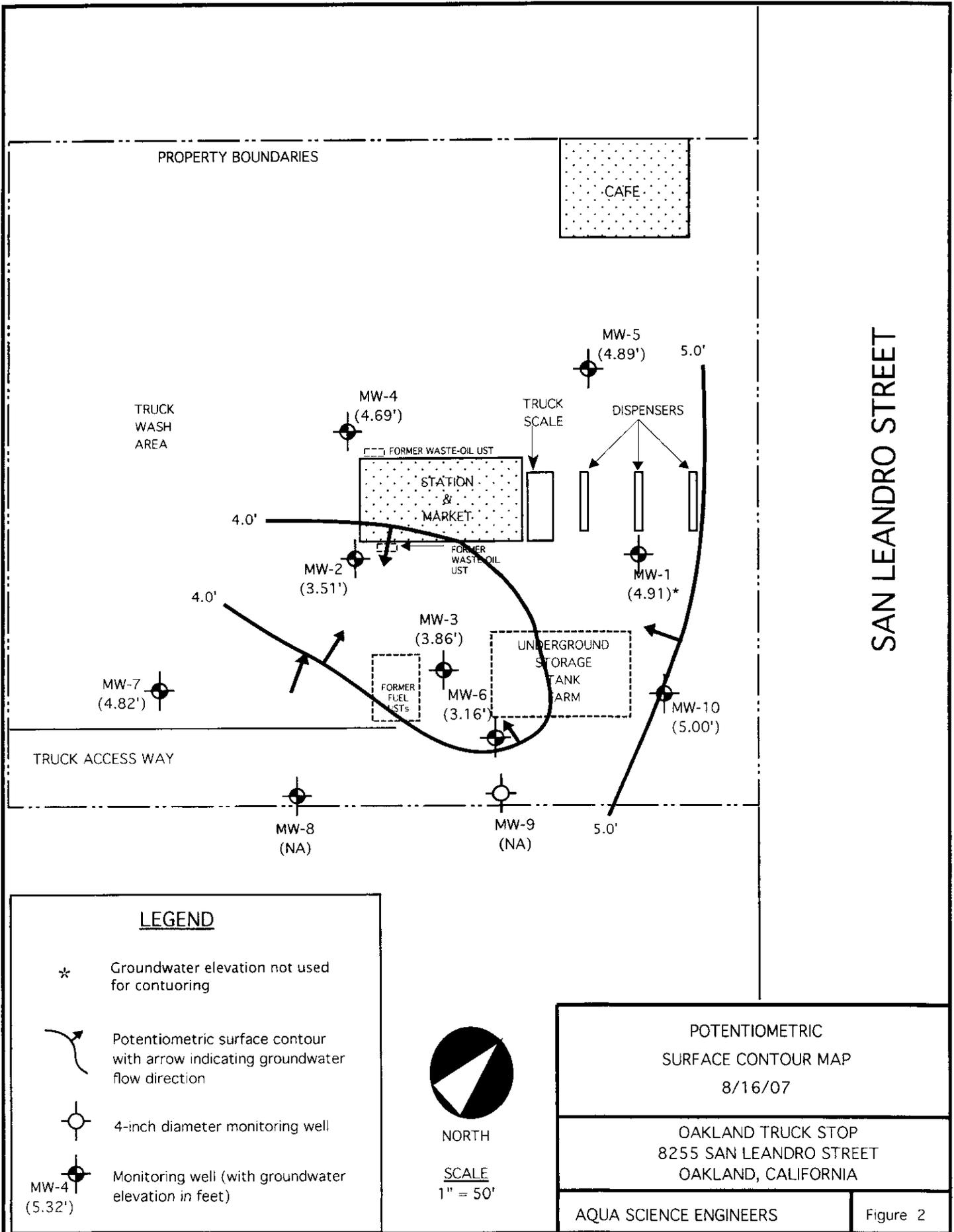
FIGURES



NORTH



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





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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*
3/20/07		9.69	4.77	5.15*
5/17/07		9.55	4.63	5.17*
8/16/07		6.95	1.05	4.91*
MW-2				
8/16/99	96.82	6.30	--	90.52
12/6/99		8.46	--	88.36
3/8/00		9.12	--	87.70
6/14/00		8.34	--	88.48
12/11/00		5.94	--	90.88
3/6/01		4.70	--	92.12
6/6/01		6.03	--	90.79
9/4/01		6.34	--	90.48
3/11/02		4.89	--	91.93
6/6/02		5.69	--	91.13
9/4/02	10.70	6.17	--	4.53
12/17/02		4.39	--	6.31
3/7/03		5.44	--	5.26
6/5/03		5.59	--	5.11
9/19/03		6.09	--	4.61
12/12/03		5.13	--	5.57
3/15/04		5.71	--	4.99
6/22/04		5.80	--	4.90
9/21/04		6.64	--	4.06
12/30/04		6.04	--	4.66
4/6/05		INACCESSIBLE DUE TO TRUCK OVER WELL		
9/29/05		INACCESSIBLE DUE TO TRUCK OVER WELL		
12/9/05		5.60	--	5.10
3/7/06		4.25	--	6.45
6/20/06		5.04	--	5.66
8/23/06		5.70	--	5.00
11/9/06		6.27	--	4.43
3/20/07		6.45	--	4.25
5/17/07		6.74	--	3.96
8/16/07		7.19	--	3.51

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
3/20/07		5.06	--	5.26
5/17/07		6.35	--	3.97
8/16/07		6.46	--	3.86
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		5.88	--	4.82
9/21/04		6.01	--	4.49
12/30/04		4.55	--	5.95
4/6/05		4.09	--	6.41
9/29/05		5.56	--	4.94
12/9/05		5.28	--	5.22
3/7/06		4.00	--	6.50
6/20/06		5.14	--	5.36
8/23/06		5.51	--	4.99
11/9/06		5.64	--	4.86
3/20/07		4.90	--	5.60
5/17/07		5.18	--	5.32
8/16/07		5.81	--	4.69

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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
8/23/06		7.47	--	2.73
11/9/06		5.42	--	4.78
3/20/07		4.83	--	5.37
5/17/07		5.29	--	4.91
8/16/07		5.31	--	4.89
MW-6				
12/6/99	96.79	5.80	--	90.99
3/8/00		4.10	--	92.69
6/14/00		5.64	--	91.15
12/11/00		5.72	--	91.07
3/6/01		4.32	--	92.47
6/6/01		5.81	--	90.98
9/4/01		6.12	--	90.67
3/11/02		4.49	--	92.30
6/6/02		5.33	--	91.46
9/4/02	10.71	5.92	--	4.79
12/17/02		3.85	--	6.86
3/7/03		4.96	--	5.75
6/5/03		5.18	--	5.53
9/19/03		5.81	--	4.90
12/12/03		4.73	--	5.98
3/15/04		4.65	--	6.06
6/22/04		5.34	--	5.37
9/21/04		5.89	--	4.82
12/30/04		4.35	--	6.36
4/6/05		3.66	--	7.05
9/29/05		6.00	--	4.71
12/9/05		5.17	--	5.54
3/7/06		4.55	--	6.01
6/20/06		4.96	--	5.75
8/23/06		5.42	--	5.29
11/9/06		5.57	--	5.14
3/20/07		4.59	--	6.12
5/17/07		5.12	--	5.59
8/16/07		7.55	--	3.16

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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
3/20/07		3.55	--	5.62
5/17/07		4.02	--	5.15
8/16/07		4.35	--	4.82
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	--	NA**
8/23/06		NA	--	NA**
11/9/06		4.39	--	NA**
3/21/07		NA	--	NA**
6/7/07		3.95	--	NA**
8/16/07		4.46	--	NA**
MW-9				
9/4/02	11.07	6.26	--	4.81
12/17/02		4.23	--	6.84
3/7/03		5.26	--	5.81
6/5/03		5.56	--	5.51
9/19/03		6.25	--	4.82
12/12/03			Truck Parked Over Well	
3/15/04		5.04	--	6.03
6/22/04		5.91	--	5.16
9/21/04		6.24	--	4.83
12/30/04			Truck Parked Over Well	
4/6/05		4.12	--	6.95
9/29/05		5.55	--	5.52
12/9/05		5.51	--	5.56
3/7/06		NA	--	NA
6/20/06		5.39	--	5.68
8/23/06		4.78	--	6.29
11/9/06		5.87	--	5.20
3/20/07		5.02	--	6.05
5/17/07		5.53	--	5.54
8/16/07			Truck Parked Over Well	

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

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

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)											
8/23/06	Not Sampled Due to Free-Floating Hydrocarbons (-feet)											
3/20/07	Not Sampled Due to Free-Floating Hydrocarbons (-feet)											
5/17/07	Not Sampled Due to Free-Floating Hydrocarbons (-feet)											
8/16/07	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
8/23/06	1,600	< 200	NA	1.5	< 0.90	< 0.90	< 0.90	290	5.5	< 0.90	1.8	2,100
11/16/06	350	120	140	0.56	< 0.50	< 0.50	< 0.50	180	4.1	< 0.50	0.96	1,300
3/20/07	460	110	NA	0.67	< 0.50	< 0.50	< 0.50	160	4.3	< 0.50	0.90	1,500
5/17/07	710	85	NA	< 0.50	< 0.50	< 0.50	< 0.50	160	4.4	< 0.50	0.88	2,000
8/16/07	460	200	NA	< 0.90	< 0.90	< 0.90	< 0.90	150	6.1	< 0.90	< 0.90	2,700
MW-3												
8/16/99	56,000	10,000**	< 500	17,000	2,600	2,600	1,200	6,100	NA	NA	NA	NA
12/6/99	40,000	9,100*	< 500	16,000	140	1,800	100	2,200/4,000#	NA	NA	NA	NA
3/8/00	22,000	4,500*	< 500	11,000	72	1,100	130	3,400	NA	NA	NA	NA
6/14/00	34,000	16,000	< 100	13,000	94	1,300	160	4,800	31	< 10	21	2,700
12/11/00	24,000	14,000	< 100	13,000	88	780	120	4,300	< 50	< 50	< 50	2,300
3/6/01	34,000	12,000	NA	15,000	100	1,100	130	4,000	< 50	< 50	< 50	2,100
6/6/01	34,000	20,000	NA	14,000	94	550	110	4,400	< 50	< 50	< 50	2,300
9/4/01	29,000	19,000	NA	13,000	83	480	83	4,100	< 50	< 50	< 50	3,400
3/11/02	12,000	14,000	NA	2,900	< 20	110	< 20	530	< 20	< 20	< 20	330
6/6/02	20,000	14,000	NA	10,000	< 50	200	51	2,400	< 50	< 50	< 50	1,200
9/4/02	24,000	17,000	NA	11,000	< 50	140	< 50	3,200	< 50	< 50	< 50	1,400
12/17/02	4,900	17,000	NA	2,000	< 10	52	12	360	< 10	< 10	< 10	220
3/7/03	8,700	16,000	NA	2,300	< 10	43	11	770	< 10	< 10	< 10	360
6/5/03	27,000	14,000	NA	10,000	53	220	53	5,000	< 50	< 50	< 50	1,600
9/19/03	120,000	13,000	NA	20,000	170	710	250	6,100	< 25	< 25	< 25	2,600
12/12/03	29,000	27,000	NA	12,000	74	240	79	5,600	17	< 10	30	2,100
3/15/04	28,000	21,000	NA	11,000	72	220	64	8,200	< 50	< 50	< 50	2,900
6/22/04	29,000	7,600	NA	11,000	71	220	54	8,400	< 50	< 50	< 50	3,000
9/21/04	33,000	< 5,000	NA	12,000	67	190	56	8,200	< 25	< 25	47	3,200
12/30/04	30,000	13,000	NA	11,000	62	170	49	8,900	< 25	< 25	49	3,200
4/6/05	29,000	46,000	NA	10,000	55	170	47	8,800	< 25	< 25	50	4,400
9/29/05	28,000	1,800	NA	8,700	74	190	53	7,300	< 15	< 15	53	4,500
12/9/05	17,000	19,000	NA	5,600	40	110	30	4,400	< 15	< 15	30	2,800
3/6/06	11,000	16,000	NA	3,600	26	96	22	2,400	< 7.0	< 7.0	19	1,400
6/20/06	18,000	20,000	NA	6,900	45	130	29	5,000	9.5	< 7.0	34	2,900
8/23/06	22,000	9,500	NA	6,200	33	100	19	4,800	9.8	< 9.0	34	3,100
11/16/06	16,000	16,000	810	5,800	26	87	18	2,700	10	< 9.0	20	1,800
3/20/07	23,000	12,000	NA	7,600	39	100	21	5,000	16	< 8.0	35	3,200
5/17/07	22,000	18,000	NA	10,000	44	110	27	5,500	< 15	< 15	41	3,200
8/16/07	16,000	63,000	NA	5,900	33	66	25	4,600	< 15	< 15	39	3,400

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
3/20/07	< 50	860	NA	< 0.50	< 0.50	< 0.50	< 0.50	6.3	< 0.50	< 0.50	< 0.50	42
5/17/07	< 50	600	NA	< 0.50	< 0.50	< 0.50	< 0.50	5.6	< 0.50	< 0.50	< 0.50	32
8/16/07	< 50	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	4.6	< 0.50	< 0.50	< 0.50	64
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	4,600
11/9/06	< 200	700	< 100	< 2.0	< 2.0	< 2.0	< 2.0	28	3.0	< 2.0	< 2.0	5,600
3/20/07	< 200	430	NA	< 2.0	< 2.0	< 2.0	< 2.0	22	3.0	< 2.0	< 2.0	3,800
5/17/07	< 200	300	NA	< 2.0	< 2.0	< 2.0	< 2.0	18	3.5	< 2.0	< 2.0	4,300
8/16/07	< 200	1,600	NA	< 2.0	< 2.0	< 2.0	< 2.0	13	3.0	< 2.0	< 2.0	6,400
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	< 5.0	< 5.0	74	2,900
3/6/01	5,300	6,700	NA	220	< 50	< 50	< 50	13,000	< 5.0	< 5.0	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	< 25	14,000	< 25	< 25	65	7,400
3/15/04	4,400	26,000	NA	190	< 25	< 25	< 25	9,900	< 25	< 25	61	6,700
6/22/04	3,500	7,000	NA	150	< 20	< 20	< 20	9,200	< 20	< 20	51	6,100
9/21/04	4,600	12,000	NA	210	< 20	< 20	< 20	8,800	< 20	< 20	55	7,000
12/30/04	5,300	11,000	NA	190	< 20	< 20	< 20	6,300	< 20	< 20	53	4,900
4/6/05	5,100	680	NA	190	13	12	32	3,700	< 5.0	< 5.0	42	4,600
9/29/05	4,900	2,800	NA	130	8.9	< 5.0	13	2,100	< 5.0	< 5.0	23	3,200
12/9/05	3,600	10,000	NA	110	7.1	< 5.0	7.9	2,700	< 5.0	< 5.0	22	4,200
3/6/06	3,900	900	NA	120	9.3	5.2	13	3,000	< 0.50	< 0.50	26	4,400
6/20/06	3,600	1,500	NA	140	10	5.2	18	1,600	< 3.0	< 3.0	23	3,600
8/23/06	4,300	< 800	NA	140	11	4.6	16	2,000	< 4.0	< 4.0	22	4,000
11/9/06	3,200	1,700	< 100	110	6.9	< 4.0	8.2	1,500	< 4.0	< 4.0	16	3,900
3/20/07	2,100	920	NA	120	7.9	< 4.0	7.1	2,000	< 4.0	< 4.0	20	4,000
5/17/07	3,800	600	NA	140	9.5	< 4.0	15	1,700	< 4.0	< 4.0	21	3,200
8/16/07	3,500	780	NA	160	9.3	< 3.0	14	1,800	< 3.0	< 3.0	21	3,600

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
3/20/07	< 50	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	2.1	< 0.50	< 0.50	< 0.50	< 5.0
5/17/07	< 50	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	2.0	< 0.50	< 0.50	< 0.50	< 5.0
8/16/07	< 50	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	1.6	< 0.50	< 0.50	< 0.50	< 5.0
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
3/22/07	< 50	250	NA	< 0.50	< 0.50	< 0.50	< 0.50	10	< 0.50	< 0.50	< 0.50	< 5.0
6/17/07	< 50	350	NA	< 0.50	< 0.50	< 0.50	< 0.50	3.3	< 0.50	< 0.50	< 0.50	< 5.0
8/16/07	< 50	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	11	< 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	13,000
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	1.2	< 4.0	< 4.0	< 4.0	8,200
3/6/06	Not Sampled - Truck Parked Over Well											
6/20/06	Not Sampled - Truck Parked Over Well											
8/23/06	< 250	< 50	NA	9.6	< 2.5	< 2.5	< 2.5	18	< 2.5	< 2.5	< 2.5	6,000
11/9/06	< 150	< 50	< 100	13	< 1.5	< 1.5	< 1.5	3.1	< 1.5	< 1.5	< 1.5	3,900
3/20/07	< 150	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	3.2	< 0.50	< 0.50	< 0.50	2,900
5/17/07	< 50	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	6.0	< 0.50	< 0.50	< 0.50	880
8/16/07	Not Sampled - Truck Parked Over Well											
MW-10												
10/12/06	< 50	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	1.7	< 0.50	< 0.50	< 0.50	27
11/9/06	< 50	< 50	< 100	< 0.50	< 0.50	< 0.50	< 0.50	1.7	< 0.50	< 0.50	< 0.50	82
3/20/07	< 50	270	NA	< 0.50	< 0.50	< 0.50	< 0.50	1.2	< 0.50	< 0.50	< 0.50	84
5/17/07	< 50	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	1.4	< 0.50	< 0.50	< 0.50	55
8/16/07	< 50	< 50	NA	< 0.50	< 0.50	< 0.50	< 0.50	1.7	< 0.50	< 0.50	< 0.50	28
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.



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APPENDIX A

Well Sampling Field Logs

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

OTS

PROJECT NAME _____

JOB NUMBER _____ DATE OF SAMPLING 8-17-07

WELL ID. MW-1 SAMPLER MLR

TOTAL DEPTH OF WELL 10.2 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 6.95

PRODUCT THICKNESS 1.05

DEPTH OF WELL CASING IN WATER 3.25

NUMBER OF GALLONS PER WELL CASING VOLUME .52

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING —

EQUIPMENT USED TO PURGE WELL Baller

TIME EVACUATION STARTED 1350 TIME EVACUATION COMPLETED 1400

TIME SAMPLES WERE COLLECTED —

DID WELL GO DRY No AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED _____

SAMPLING DEVICE —

SAMPLE COLOR clear ODOR/SEDIMENT Free product / No S

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
<u>2</u>			

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
<u>No</u>	<u>Sample</u>			

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME

OTS

JOB NUMBER

DATE OF SAMPLING

8-16-07

WELL ID.

MW-2

SAMPLER

MLK

TOTAL DEPTH OF WELL

14.6

WELL DIAMETER

2

DEPTH TO WATER PRIOR TO PURGING

7.19

PRODUCT THICKNESS

0

DEPTH OF WELL CASING IN WATER

7.41

NUMBER OF GALLONS PER WELL CASING VOLUME

7 1.19

NUMBER OF WELL CASING VOLUMES TO BE REMOVED

3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING

3.5

EQUIPMENT USED TO PURGE WELL

TIME EVACUATION STARTED

1050

TIME EVACUATION COMPLETED

1100

TIME SAMPLES WERE COLLECTED

1110

DID WELL GO DRY

No

AFTER HOW MANY GALLONS

VOLUME OF GROUNDWATER PURGED

4.0

SAMPLING DEVICE

Bailer

SAMPLE COLOR

Clear

ODOR/SEDIMENT

slight d

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	70.1	6.73	725
2	70.1	6.50	749
3	70.7	6.54	766

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME OTS

JOB NUMBER _____ DATE OF SAMPLING 8-16-07

WELL ID. MW-3 SAMPLER MLR

TOTAL DEPTH OF WELL 15.0 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 6.46

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 8.54

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 Ball a

TIME EVACUATION STARTED 1130 TIME EVACUATION COMPLETED 1140

TIME SAMPLES WERE COLLECTED 1150

DID WELL GO DRY No AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 4.0

SAMPLING DEVICE Ball a

SAMPLE COLOR Clear ODOR/SEDIMENT slight / gray silt

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
<u>1</u>	<u>71.8</u>	<u>6.92</u>	<u>648</u>
<u>2</u>	<u>71.9</u>	<u>6.78</u>	<u>643</u>
<u>3</u>	<u>71.2</u>	<u>6.82</u>	<u>632</u>

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME OTS

JOB NUMBER _____ DATE OF SAMPLING 8-16-07

WELL ID. MW-4 SAMPLER MLK

TOTAL DEPTH OF WELL 14.0 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 5.81

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 8.1

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 3.9

EQUIPMENT USED TO PURGE WELL Dailer

TIME EVACUATION STARTED 1310 TIME EVACUATION COMPLETED 1320

TIME SAMPLES WERE COLLECTED 1330

DID WELL GO DRY No AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 4.0

SAMPLING DEVICE Bailer

SAMPLE COLOR clear ODOR/SEDIMENT slight 0

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
<u>1</u>	<u>74.7</u>	<u>7.07</u>	<u>694</u>
<u>2</u>	<u>74.9</u>	<u>6.94</u>	<u>512</u>
<u>3</u>	<u>75.1</u>	<u>6.92</u>	<u>716</u>

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

OTS

PROJECT NAME		OTS	
JOB NUMBER		DATE OF SAMPLING	8-17-07
WELL ID.	MW-S	SAMPLER	MLR
TOTAL DEPTH OF WELL	14.0	WELL DIAMETER	2
DEPTH TO WATER PRIOR TO PURGING	5.31		
PRODUCT THICKNESS	0		
DEPTH OF WELL CASING IN WATER	8.69		
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	1350 Bailor		
TIME EVACUATION STARTED	1350	TIME EVACUATION COMPLETED	1400
TIME SAMPLES WERE COLLECTED	1410		
DID WELL GO DRY	No	AFTER HOW MANY GALLONS	—
VOLUME OF GROUNDWATER PURGED	4.3		
SAMPLING DEVICE	Bailor		
SAMPLE COLOR	clear	ODOR/SEDIMENT	slight d / No OS

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	74.2	7.26	867
2	73.3	6.80	874
3	73.2	6.75	882

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME OTS

JOB NUMBER _____ DATE OF SAMPLING 8-17-07

WELL ID. MW-6 SAMPLER MLR

TOTAL DEPTH OF WELL 14.3 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 7.55

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 6.75

NUMBER OF GALLONS PER WELL CASING VOLUME 1.08

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 3.24

EQUIPMENT USED TO PURGE WELL Badger

TIME EVACUATION STARTED 1420 TIME EVACUATION COMPLETED 1430

TIME SAMPLES WERE COLLECTED 1440

DID WELL GO DRY No AFTER HOW MANY GALLONS -

VOLUME OF GROUNDWATER PURGED 3.5

SAMPLING DEVICE Badger

SAMPLE COLOR clear ODOR/SEDIMENT strang d / No S

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
<u>1</u>	<u>74.9</u>	<u>7.31</u>	<u>582</u>
<u>2</u>	<u>71.9</u>	<u>6.94</u>	<u>575</u>
<u>3</u>	<u>71.7</u>	<u>6.90</u>	<u>561</u>

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME OTS

JOB NUMBER _____ DATE OF SAMPLING 8-17-07

WELL ID. MW-7 SAMPLER MLR

TOTAL DEPTH OF WELL 16.2 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 4.35

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 11.85

NUMBER OF GALLONS PER WELL CASING VOLUME 1.8

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 5.6

EQUIPMENT USED TO PURGE WELL _____

TIME EVACUATION STARTED 1310 TIME EVACUATION COMPLETED 1320

TIME SAMPLES WERE COLLECTED 1330

DID WELL GO DRY No AFTER HOW MANY GALLONS -

VOLUME OF GROUNDWATER PURGED 6

SAMPLING DEVICE Bailer

SAMPLE COLOR Clear ODOR/SEDIMENT No O / No S

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
	<u>68.4</u>	<u>7.48</u>	<u>809</u>
	<u>69.2</u>	<u>7.14</u>	<u>829</u>
	<u>69.4</u>	<u>7.10</u>	<u>835</u>

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME OTS

JOB NUMBER _____ DATE OF SAMPLING 8-16-07

WELL ID. MW-8 SAMPLER MLK

TOTAL DEPTH OF WELL 14.7 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 4.46

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 10.24

NUMBER OF GALLONS PER WELL CASING VOLUME 1.6

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 1010 TIME EVACUATION COMPLETED 1020

TIME SAMPLES WERE COLLECTED 1030

DID WELL GO DRY No AFTER HOW MANY GALLONS -

VOLUME OF GROUNDWATER PURGED 5.0

SAMPLING DEVICE Bailer

SAMPLE COLOR clear ODOR/SEDIMENT N, d / NUS

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	68.3	7.58	544
2	67.6	7.35	561
3	66.9	7.22	579

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

OTS

PROJECT NAME

JOB NUMBER

DATE OF SAMPLING

8-16-07

WELL ID.

MW-10

SAMPLER

MLR

TOTAL DEPTH OF WELL

26.0

WELL DIAMETER

2

DEPTH TO WATER PRIOR TO PURGING

6.56

PRODUCT THICKNESS

0

DEPTH OF WELL CASING IN WATER

19.44

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

9.3

EQUIPMENT USED TO PURGE WELL

Bailer

TIME EVACUATION STARTED

1230

TIME EVACUATION COMPLETED

1240

TIME SAMPLES WERE COLLECTED

1250

DID WELL GO DRY

No

AFTER HOW MANY GALLONS

-

VOLUME OF GROUNDWATER PURGED

9.5

SAMPLING DEVICE

Bailer

SAMPLE COLOR

Clear

ODOR/SEDIMENT

No o / No S

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
2	71.8	7.65	505
4	71.5	7.53	502
6	71.4	7.22	507

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME

JOB NUMBER

DATE OF SAMPLING

WELL ID.

MW-9

SAMPLER

TOTAL DEPTH OF WELL

19.8

WELL DIAMETER

DEPTH TO WATER PRIOR TO PURGING

PRODUCT THICKNESS

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

TIME EVACUATION COMPLETED

TIME SAMPLES WERE COLLECTED

DID WELL GO DRY

AFTER HOW MANY GALLONS

VOLUME OF GROUNDWATER PURGED

SAMPLING DEVICE

SAMPLE COLOR

ODOR/SEDIMENT

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
	frack	in way	

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
NS	1	sample		



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APPENDIX B

Certified Analytical Report
and
Chain of Custody Documentation



Report Number : 58095

Date : 8/28/2007

Mike Rauser
Aqua Science Engineers, Inc.
55 Oak Court, Suite 220
Danville, CA 94526

Subject : 8 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

Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-2**

Matrix : Water

Lab Number : 58095-01

Sample Date :8/16/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.90	0.90	ug/L	EPA 8260B	8/21/2007
Toluene	< 0.90	0.90	ug/L	EPA 8260B	8/21/2007
Ethylbenzene	< 0.90	0.90	ug/L	EPA 8260B	8/21/2007
Total Xylenes	< 0.90	0.90	ug/L	EPA 8260B	8/21/2007
Methyl-t-butyl ether (MTBE)	150	0.90	ug/L	EPA 8260B	8/21/2007
Diisopropyl ether (DIPE)	6.1	0.90	ug/L	EPA 8260B	8/21/2007
Ethyl-t-butyl ether (ETBE)	< 0.90	0.90	ug/L	EPA 8260B	8/21/2007
Tert-amyl methyl ether (TAME)	< 0.90	0.90	ug/L	EPA 8260B	8/21/2007
Tert-Butanol	2700	5.0	ug/L	EPA 8260B	8/21/2007
TPH as Gasoline	460	90	ug/L	EPA 8260B	8/21/2007
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	8/21/2007
4-Bromofluorobenzene (Surr)	97.9		% Recovery	EPA 8260B	8/21/2007
TPH as Diesel (Silica Gel)	200	50	ug/L	M EPA 8015	8/28/2007
(Note: Some hydrocarbons lower-boiling, some higher-boiling than Diesel.)					
Octacosane (Diesel Silica Gel Surr)	102		% Recovery	M EPA 8015	8/28/2007

Approved By:  Joel Kiff



Report Number : 58095

Date : 8/28/2007

Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-3**

Matrix : Water

Lab Number : 58095-02

Sample Date :8/16/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	5900	15	ug/L	EPA 8260B	8/22/2007
Toluene	33	15	ug/L	EPA 8260B	8/22/2007
Ethylbenzene	66	15	ug/L	EPA 8260B	8/22/2007
Total Xylenes	25	15	ug/L	EPA 8260B	8/22/2007
Methyl-t-butyl ether (MTBE)	4600	15	ug/L	EPA 8260B	8/22/2007
Diisopropyl ether (DIPE)	< 15	15	ug/L	EPA 8260B	8/22/2007
Ethyl-t-butyl ether (ETBE)	< 15	15	ug/L	EPA 8260B	8/22/2007
Tert-amyl methyl ether (TAME)	39	15	ug/L	EPA 8260B	8/22/2007
Tert-Butanol	3400	70	ug/L	EPA 8260B	8/22/2007
TPH as Gasoline	16000	1500	ug/L	EPA 8260B	8/22/2007
Toluene - d8 (Surr)	97.4		% Recovery	EPA 8260B	8/22/2007
4-Bromofluorobenzene (Surr)	97.8		% Recovery	EPA 8260B	8/22/2007
TPH as Diesel (Silica Gel)	63000	50	ug/L	M EPA 8015	8/23/2007
Octacosane (Diesel Silica Gel Surr)	96.2		% Recovery	M EPA 8015	8/23/2007

Approved By:  Joel Kiff

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



Report Number : 58095

Date : 8/28/2007

Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-4**

Matrix : Water

Lab Number : 58095-03

Sample Date :8/16/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Methyl-t-butyl ether (MTBE)	4.6	0.50	ug/L	EPA 8260B	8/22/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Tert-Butanol	64	5.0	ug/L	EPA 8260B	8/22/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	8/22/2007
Toluene - d8 (Surr)	98.6		% Recovery	EPA 8260B	8/22/2007
4-Bromofluorobenzene (Surr)	89.6		% Recovery	EPA 8260B	8/22/2007
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	8/28/2007
Octacosane (Diesel Silica Gel Surr)	103		% Recovery	M EPA 8015	8/28/2007

Approved By:  Joel Kiff

Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-5**

Matrix : Water

Lab Number : 58095-04

Sample Date :8/17/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 2.0	2.0	ug/L	EPA 8260B	8/21/2007
Toluene	< 2.0	2.0	ug/L	EPA 8260B	8/21/2007
Ethylbenzene	< 2.0	2.0	ug/L	EPA 8260B	8/21/2007
Total Xylenes	< 2.0	2.0	ug/L	EPA 8260B	8/21/2007
Methyl-t-butyl ether (MTBE)	13	2.0	ug/L	EPA 8260B	8/21/2007
Diisopropyl ether (DIPE)	3.0	2.0	ug/L	EPA 8260B	8/21/2007
Ethyl-t-butyl ether (ETBE)	< 2.0	2.0	ug/L	EPA 8260B	8/21/2007
Tert-amyl methyl ether (TAME)	< 2.0	2.0	ug/L	EPA 8260B	8/21/2007
Tert-Butanol	6400	9.0	ug/L	EPA 8260B	8/21/2007
TPH as Gasoline	< 200	200	ug/L	EPA 8260B	8/21/2007
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	8/21/2007
4-Bromofluorobenzene (Surr)	95.4		% Recovery	EPA 8260B	8/21/2007
TPH as Diesel (Silica Gel)	1600	50	ug/L	M EPA 8015	8/23/2007
Octacosane (Diesel Silica Gel Surr)	108		% Recovery	M EPA 8015	8/23/2007

Approved By:

Joel Kiff



Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-6**

Matrix : Water

Lab Number : 58095-05

Sample Date : 8/17/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	160	3.0	ug/L	EPA 8260B	8/22/2007
Toluene	9.3	3.0	ug/L	EPA 8260B	8/22/2007
Ethylbenzene	< 3.0	3.0	ug/L	EPA 8260B	8/22/2007
Total Xylenes	14	3.0	ug/L	EPA 8260B	8/22/2007
Methyl-t-butyl ether (MTBE)	1800	3.0	ug/L	EPA 8260B	8/22/2007
Diisopropyl ether (DIPE)	< 3.0	3.0	ug/L	EPA 8260B	8/22/2007
Ethyl-t-butyl ether (ETBE)	< 3.0	3.0	ug/L	EPA 8260B	8/22/2007
Tert-amyl methyl ether (TAME)	21	3.0	ug/L	EPA 8260B	8/22/2007
Tert-Butanol	3600	15	ug/L	EPA 8260B	8/22/2007
TPH as Gasoline	3500	300	ug/L	EPA 8260B	8/22/2007
Toluene - d8 (Surr)	88.8		% Recovery	EPA 8260B	8/22/2007
4-Bromofluorobenzene (Surr)	96.4		% Recovery	EPA 8260B	8/22/2007
TPH as Diesel (Silica Gel)	780	50	ug/L	M EPA 8015	8/25/2007
Octacosane (Diesel Silica Gel Surr)	129		% Recovery	M EPA 8015	8/25/2007

Approved By:  Joel Kiff

Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-7**

Matrix : Water

Lab Number : 58095-06

Sample Date :8/17/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Methyl-t-butyl ether (MTBE)	1.6	0.50	ug/L	EPA 8260B	8/22/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	8/22/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	8/22/2007
Toluene - d8 (Surr)	93.6		% Recovery	EPA 8260B	8/22/2007
4-Bromofluorobenzene (Surr)	96.5		% Recovery	EPA 8260B	8/22/2007
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	8/23/2007
Octacosane (Diesel Silica Gel Surr)	83.0		% Recovery	M EPA 8015	8/23/2007

Approved By:  Joel Kiff



Report Number : 58095

Date : 8/28/2007

Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-8**

Matrix : Water

Lab Number : 58095-07

Sample Date :8/16/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Methyl-t-butyl ether (MTBE)	11	0.50	ug/L	EPA 8260B	8/22/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	8/22/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	8/22/2007
Toluene - d8 (Surr)	93.9		% Recovery	EPA 8260B	8/22/2007
4-Bromofluorobenzene (Surr)	95.7		% Recovery	EPA 8260B	8/22/2007
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	8/25/2007
Octacosane (Diesel Silica Gel Surr)	129		% Recovery	M EPA 8015	8/25/2007

Approved By:  Joel Kiff

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

Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-10**

Matrix : Water

Lab Number : 58095-08

Sample Date : 8/16/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Methyl-t-butyl ether (MTBE)	1.7	0.50	ug/L	EPA 8260B	8/22/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Tert-Butanol	28	5.0	ug/L	EPA 8260B	8/22/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	8/22/2007
Toluene - d8 (Surr)	94.0		% Recovery	EPA 8260B	8/22/2007
4-Bromofluorobenzene (Surr)	94.9		% Recovery	EPA 8260B	8/22/2007
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	8/25/2007
Octacosane (Diesel Silica Gel Surr)	129		% Recovery	M EPA 8015	8/25/2007

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 (Silica Gel)	< 50	50	ug/L	M EPA 8015	8/22/2007
Octacosane (Diesel Silica Gel Surr)	119		%	M EPA 8015	8/22/2007
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	8/27/2007
Octacosane (Diesel Silica Gel Surr)	125		%	M EPA 8015	8/27/2007
Benzene	< 0.50	0.50	ug/L	EPA 8260B	8/21/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	8/21/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	8/21/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	8/21/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	8/21/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	8/21/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	8/21/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	8/21/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	8/21/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	8/21/2007
Toluene - d8 (Surr)	99.0		%	EPA 8260B	8/21/2007
4-Bromofluorobenzene (Surr)	90.6		%	EPA 8260B	8/21/2007
Benzene	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	8/22/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	8/22/2007
Toluene - d8 (Surr)	98.4		%	EPA 8260B	8/22/2007
4-Bromofluorobenzene (Surr)	87.6		%	EPA 8260B	8/22/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	8/22/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	8/22/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	8/22/2007
Toluene - d8 (Surr)	98.3		%	EPA 8260B	8/22/2007
4-Bromofluorobenzene (Surr)	97.3		%	EPA 8260B	8/22/2007

Approved By:  Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 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-D (Si Gel)	Blank	<50	1000	1000	963	947	ug/L	M EPA 8015	8/22/07	96.3	94.7	1.65	70-130	25
Benzene	58055-01	<0.50	39.8	39.8	40.0	40.3	ug/L	EPA 8260B	8/21/07	101	101	0.413	70-130	25
Toluene	58055-01	28	39.8	39.8	66.2	65.7	ug/L	EPA 8260B	8/21/07	96.2	94.8	1.49	70-130	25
Tert-Butanol	58055-01	<5.0	199	199	206	204	ug/L	EPA 8260B	8/21/07	103	102	0.866	70-130	25
Methyl-t-Butyl Ether	58055-01	<0.50	39.8	39.8	31.4	32.2	ug/L	EPA 8260B	8/21/07	79.0	80.9	2.34	70-130	25
Benzene	58095-03	<0.50	39.9	39.9	42.3	42.1	ug/L	EPA 8260B	8/22/07	106	105	0.555	70-130	25
Toluene	58095-03	<0.50	39.9	39.9	41.7	41.4	ug/L	EPA 8260B	8/22/07	104	104	0.801	70-130	25
Tert-Butanol	58095-03	64	200	200	272	272	ug/L	EPA 8260B	8/22/07	104	104	0.0549	70-130	25
Methyl-t-Butyl Ether	58095-03	4.6	39.9	39.9	41.9	41.6	ug/L	EPA 8260B	8/22/07	93.3	92.7	0.690	70-130	25
Benzene	58077-07	48	40.0	40.0	90.9	89.4	ug/L	EPA 8260B	8/22/07	108	104	3.62	70-130	25
Toluene	58077-07	1.5	40.0	40.0	41.1	40.7	ug/L	EPA 8260B	8/22/07	99.0	97.9	1.13	70-130	25
Tert-Butanol	58077-07	40	200	200	242	243	ug/L	EPA 8260B	8/22/07	101	101	0.268	70-130	25
Methyl-t-Butyl Ether	58077-07	2.3	40.0	40.0	39.3	38.8	ug/L	EPA 8260B	8/22/07	92.5	91.3	1.30	70-130	25
TPH-D (Si Gel)	Blank	<50	1000	1000	711	861	ug/L	M EPA 8015	8/28/07	71.1	86.1	19.0	70-130	25

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-D (Si Gel)	Blank	<50	1000	1000	963	947	ug/L	M EPA 8015	8/22/07	96.3	94.7	1.65	70-130	25
Benzene	58055-01	<0.50	39.8	39.8	40.0	40.3	ug/L	EPA 8260B	8/21/07	101	101	0.413	70-130	25
Toluene	58055-01	28	39.8	39.8	66.2	65.7	ug/L	EPA 8260B	8/21/07	96.2	94.8	1.49	70-130	25
Tert-Butanol	58055-01	<5.0	199	199	206	204	ug/L	EPA 8260B	8/21/07	103	102	0.866	70-130	25
Methyl-t-Butyl Ether	58055-01	<0.50	39.8	39.8	31.4	32.2	ug/L	EPA 8260B	8/21/07	79.0	80.9	2.34	70-130	25
Benzene	58095-03	<0.50	39.9	39.9	42.3	42.1	ug/L	EPA 8260B	8/22/07	106	105	0.555	70-130	25
Toluene	58095-03	<0.50	39.9	39.9	41.7	41.4	ug/L	EPA 8260B	8/22/07	104	104	0.801	70-130	25
Tert-Butanol	58095-03	64	200	200	272	272	ug/L	EPA 8260B	8/22/07	104	104	0.0549	70-130	25
Methyl-t-Butyl Ether	58095-03	4.6	39.9	39.9	41.9	41.6	ug/L	EPA 8260B	8/22/07	93.3	92.7	0.690	70-130	25
Benzene	58077-07	48	40.0	40.0	90.9	89.4	ug/L	EPA 8260B	8/22/07	108	104	3.62	70-130	25
Toluene	58077-07	1.5	40.0	40.0	41.1	40.7	ug/L	EPA 8260B	8/22/07	99.0	97.9	1.13	70-130	25
Tert-Butanol	58077-07	40	200	200	242	243	ug/L	EPA 8260B	8/22/07	101	101	0.268	70-130	25
Methyl-t-Butyl Ether	58077-07	2.3	40.0	40.0	39.3	38.8	ug/L	EPA 8260B	8/22/07	92.5	91.3	1.30	70-130	25
TPH-D (Si Gel)	Blank	<50	1000	1000	711	861	ug/L	M EPA 8015	8/28/07	71.1	86.1	19.0	70-130	25

Approved By:  Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 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	8/21/07	101	70-130
Toluene	40.0	ug/L	EPA 8260B	8/21/07	101	70-130
Tert-Butanol	200	ug/L	EPA 8260B	8/21/07	98.3	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	8/21/07	77.7	70-130
Benzene	40.0	ug/L	EPA 8260B	8/22/07	106	70-130
Toluene	40.0	ug/L	EPA 8260B	8/22/07	104	70-130
Tert-Butanol	200	ug/L	EPA 8260B	8/22/07	104	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	8/22/07	95.6	70-130
Benzene	40.0	ug/L	EPA 8260B	8/22/07	102	70-130
Toluene	40.0	ug/L	EPA 8260B	8/22/07	103	70-130
Tert-Butanol	200	ug/L	EPA 8260B	8/22/07	104	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	8/22/07	94.9	70-130

KIFF ANALYTICAL, LLC

Approved By:



 Joel Kiff

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

58095

Chain of Custody

SAMPLER (SIGNATURE)

M. Rauser

PROJECT NAME

Oakland Track ST-V

PAGE 1 OF 1

ADDRESS

8255 San Leandro, Oakland, CA

JOB NO.

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:

SAMPLE ID	DATE	TIME	MATRIX	QUANTITY	TPH-CAS / NTEL & STEY (EPA 5030/5015/5020)	TPH-DIESEL w/ Silicon Cool (EPA 5510/5015) <i>clump</i>	TPH-DIESEL & MOTOR OIL (EPA 5510/5015)	VOLATILE ORGANICS (EPA 624/6240/6260)	SEMI-VOLATILE ORGANICS (EPA 625/6270)	OIL & GREASE (EPA 5520)	LEAD METALS (5) (EPA 6010-7000)	CADMIUM METALS (EPA 6010+7000)	PCBS & PESTICIDES (EPA 608/8080)	ORGANOPHOSPHORUS PESTICIDES (EPA 8140 EPA 608/8080)	FUEL OXYGENATES - 5 (EPA 8260) <i>THH/OTEX</i>	PH (TOTAL or DISSOLVED) (EPA 6010)	PERCHLORINATE HALOGENS (EPA 601/6010)	MULTI-RANGE HYDROCARBONS	SULFIDE CLEANUP	ED1	
					MW-2	8-16-07	1110	W	5		X										X
MW-3	8-16-07	1150				X									X						X
MW-4	8-16-07	1330				X									X						X
MW-5	8-17-07	1410				X									X						X
MW-6	8-17-07	1440				X									X						X
MW-7	8-17-7	1330				X									X						X
MW-8	8-16-07	1030				X									X						X
MW-10	8-16-07	1250				X									X						X

SAMPLE RECEIPT

Temp °C 6.7 Therm. ID# TR4
 Initial JFB Date 082107
 Time 1456 Coolant present (circle)

RELINQUISHED BY:
M. Rauser
 (signature) (name)
 M. Rauser
 (printed name) (date)
 Company: Aqua, Inc.

RECEIVED BY:
 (signature) (time)
 (printed name) (date)
 Company:

RELINQUISHED BY:
 (signature) (time)
 (printed name) (date)
 Company:

RECEIVED BY LABORATORY:
JFB
 (signature) (time) 1246
 Joe Brockmeyer
 (printed name) (date) 082107
 Company: Keff
 Analytical

COMMENTS:
 HCl = volat's
 TURN AROUND TIME
 STANDARD 24hr 48hr 72hr
 OTHER: