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Alameda County
Environmental Health

July 1, 2007

QUARTERLY GROUNDWATER MONITORING REPORT
JUNE 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

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 7, 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 June 7, 2007, ASE measured the depth to water in monitoring wells MW-1 through MW-10 using an electric water level sounder. The surface of the groundwater was also checked for the presence of free-phase hydrocarbons or sheen. Monitoring well MW-1 contained approximately 4.63-feet of free-phase hydrocarbons, a significant increase from last quarter's measurement. This product was subsequently bailed from the well until only a sheen was visible. Approximately one gallon of product, along with several gallons of water, were removed from the well and stored temporarily on-site in a 55-gallon, labeled drum. Groundwater elevation data is presented as Table One.

A groundwater potentiometric surface map for the May 20, 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 southeast.

3.0 GROUNDWATER SAMPLE COLLECTION AND ANALYSIS

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

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

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

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



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4.0 CONCLUSIONS

- Monitoring well MW-1 contained approximately 4.63-feet of free-phase hydrocarbons this 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-G and MTBE from the previous quarter.
- Concentrations of TPH-D, BTEX, MTBE, and TAME increased slightly from the previous quarter in groundwater samples collected from monitoring well MW-3.
- Analytical results for groundwater samples collected from monitoring well MW-4 are very similar to previous results, with a slight decrease in TPH-D, MTBE and TBA from the previous quarter.
- Concentrations of TPH-D, DIPE and TBA increased slightly from the previous quarter in groundwater samples collected from monitoring well MW-5, while MTBE decreased slightly in the same sample.
- Concentrations of TPH-G, benzene, toluene and xylenes increased slightly from the previous quarter in groundwater samples collected from monitoring well MW-6, while TPH-D, MTBE, TBA decreased in the same sample.
- Analytical results for groundwater samples collected from monitoring wells MW-7 and MW-8 are very similar to previous results.
- MTBE concentrations increased very slightly from the previous quarter in groundwater samples collected from monitoring well MW-9, while TBA decreased significantly 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-2—TPH-G
- MW-3—TPH-G, TPH-D, benzene and MTBE
- MW-4—TPH-D
- MW-5—TPH-D
- MW-6—TPH-G, TPH-D and benzene

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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5.0 RECOMMENDATIONS

ASE recommends that this site remain on a quarterly sampling schedule. The next sampling is scheduled for August 2007. Free-phase hydrocarbon removal from monitoring well MW-1 will continue during the next quarter.

6.0 REPORT LIMITATIONS

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

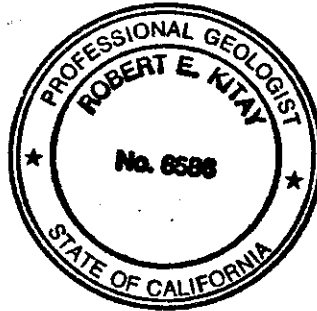
Aqua Science Engineers appreciates the opportunity to provide environmental consulting services for this project, and trust that this report meets your needs. Please feel free to call us at (925) 820-9391 if you have any questions or comments.

Respectfully submitted,

AQUA SCIENCE ENGINEERS, INC.

Michael Rauser
Project Geologist

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



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

cc: Mr. Nissan Saidian
Mr. Amir Gholami, ACHCSA
Mr. Chuck Headlee, RWQCB, San Francisco Bay Region

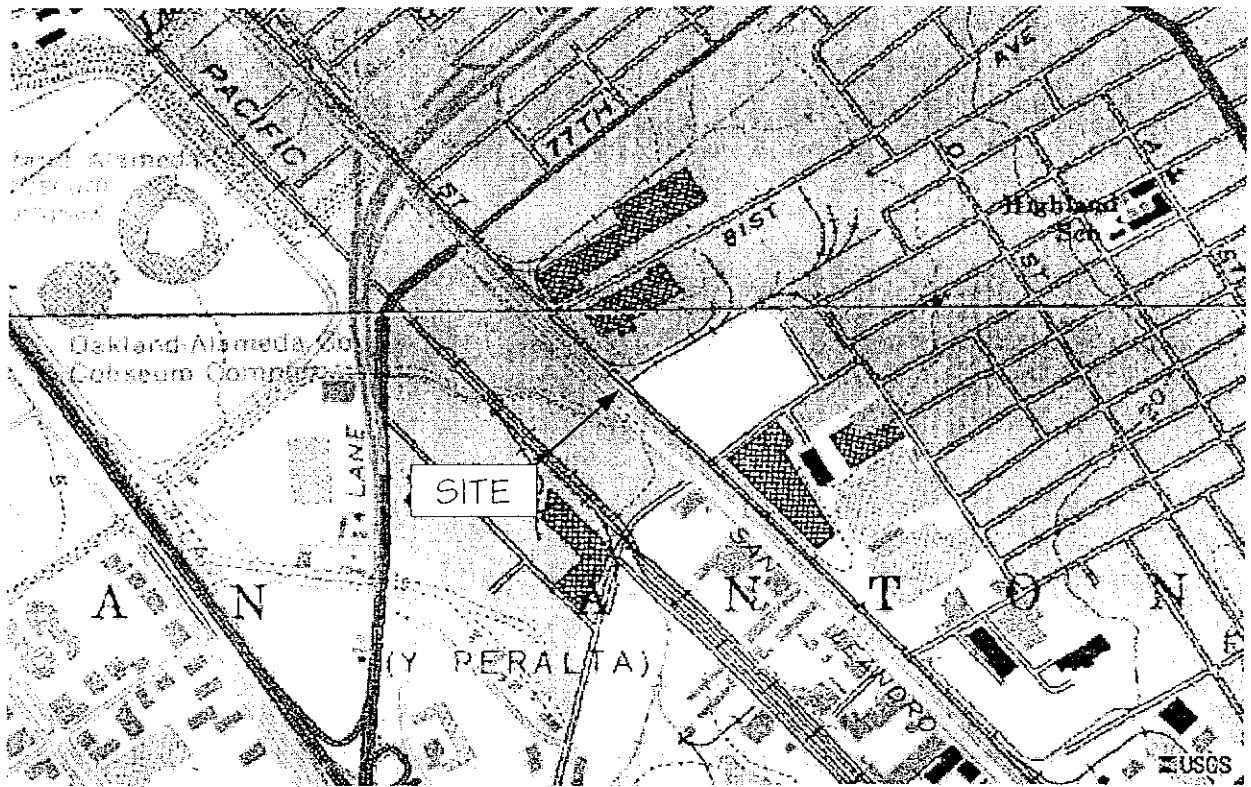


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FIGURES



NORTH

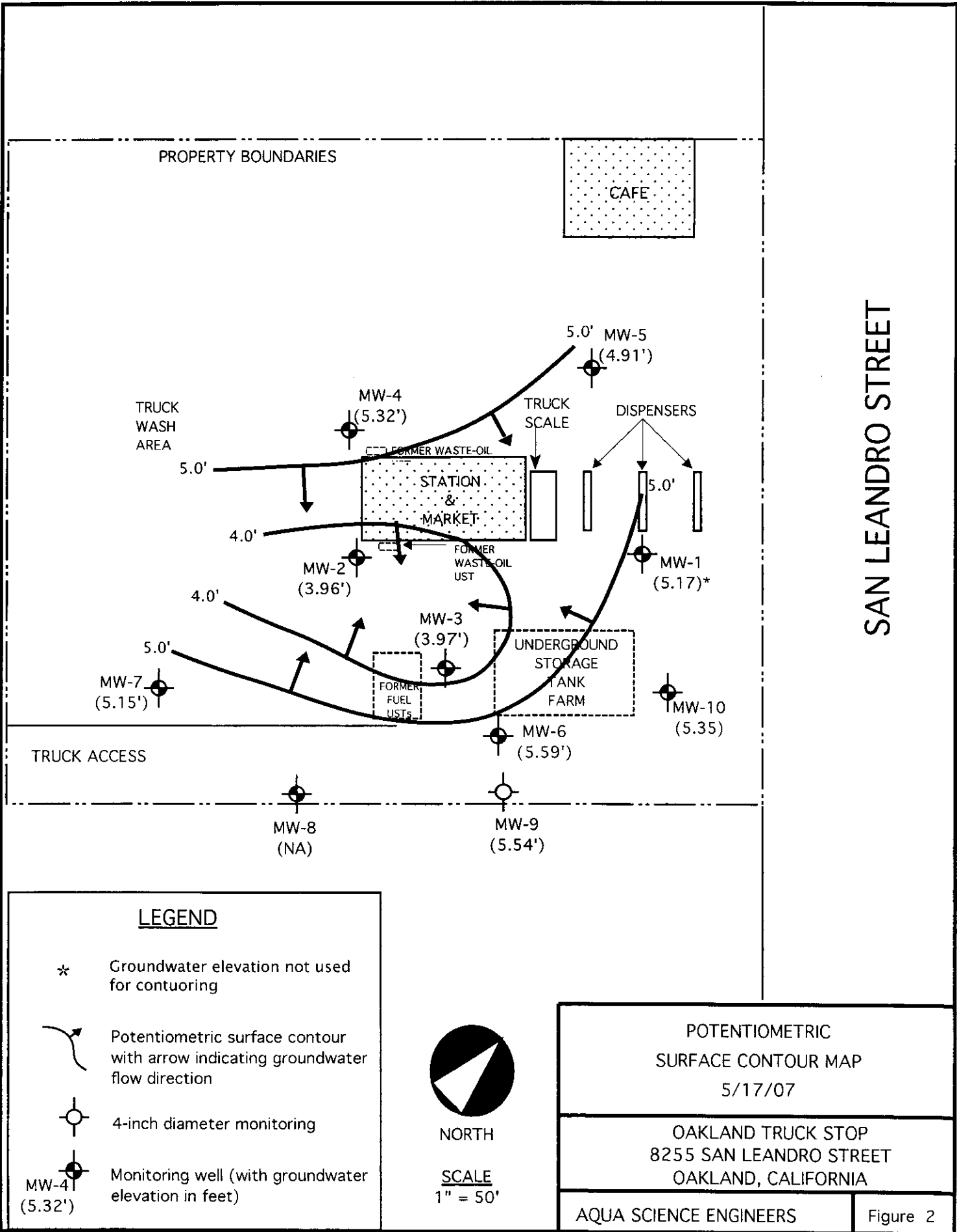


LOCATION MAP

OAKLAND TRUCK STOP
8255 SAN LEANDRO STREET
OAKLAND, CALIFORNIA

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Figure 1




SAN LEANDRO STREET

LEGEND

* Groundwater elevation not used for contouring

 Potentiometric surface contour with arrow indicating groundwater flow direction

 4-inch diameter monitoring

 Monitoring well (with groundwater elevation in feet)
 MW-4 (5.32')



NORTH

SCALE
 1" = 50'

POTENTIOMETRIC
 SURFACE CONTOUR MAP
 5/17/07

OAKLAND TRUCK STOP
 8255 SAN LEANDRO STREET
 OAKLAND, CALIFORNIA

AQUA SCIENCE ENGINEERS

Figure 2



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TABLES

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

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

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

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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
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

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

Well I.D & Date Sampled	Top of Casing Elevation (msl)	Depth to Water (feet)	Free-Floating Hydrocarbon Thickness (feet)	Groundwater Elevation (msl)
MW-7				
9/4/02	9.17	4.67	--	4.50
12/17/02		3.11	--	6.06
3/7/03		3.89	--	5.28
6/5/03		3.57	--	5.60
9/19/03		4.57	--	4.60
12/12/03		3.48	--	5.69
3/15/04			Truck Parked Over Well	
6/22/04		4.52	--	4.65
9/21/04		4.56	--	4.61
12/30/04		3.17	--	6.00
4/6/05		2.77	--	6.40
9/29/05		4.27	--	4.90
12/9/05		4.86	--	4.31
3/7/06		2.80	--	6.37
6/20/06		3.60	--	5.57
8/23/06		4.89	--	4.28
11/9/06		4.23	--	4.94
3/20/07		3.55	--	5.62
5/17/07		4.02	--	5.15
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**
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

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-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

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)											
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
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

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	< 0.50	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
MW-5												
12/6/99	450***	2,000*	< 500	< 1.0	< 1.0	< 1.0	< 1.0	21	NA	NA	NA	NA
3/8/00	51***	530*	< 500	< 0.5	< 0.5	< 0.5	< 0.5	84	NA	NA	NA	NA
6/14/00	380	1,400	< 100	< 0.5	< 0.5	< 0.5	< 0.5	160	12	< 0.5	< 0.5	22
12/11/00	540	590	< 100	< 0.5	< 0.5	< 0.5	< 0.5	240	9.5	< 0.5	< 0.5	32
3/6/01	510	2,900	NA	< 0.5	< 0.5	< 0.5	< 0.5	140	13	< 0.5	< 0.5	19
6/6/01	280	2,700	NA	< 0.5	< 0.5	< 0.5	< 0.5	180	13	< 0.5	< 0.5	26
9/4/01	630	2,600	NA	< 0.5	< 0.5	< 0.5	< 0.5	180	9.4	< 0.5	< 0.5	29
3/11/02	97	3,500	NA	< 0.5	< 0.5	< 0.5	< 0.5	29	0.79	< 0.5	< 0.5	7.4
6/6/02	61	3,500	NA	< 0.5	< 0.5	< 0.5	< 0.5	150	2.9	< 0.5	< 0.5	34
9/4/02	92	6,100	NA	< 0.5	< 0.5	< 0.5	< 0.5	370	3.6	< 0.5	< 0.5	72
12/17/02	110	2,100	NA	< 0.5	< 0.5	< 0.5	< 0.5	110	4.2	< 0.5	< 0.5	14
3/7/03	71	1,600	NA	< 0.5	< 0.5	< 0.5	< 0.5	150	2.2	< 0.5	< 0.5	35
6/5/03	95	3,300	NA	< 0.5	< 0.5	< 0.5	< 0.5	170	4.6	< 0.5	< 0.5	43
9/19/03	100	1,400	NA	< 0.5	< 0.5	< 0.5	< 0.5	310	5.2	< 0.5	0.68	86
12/12/03	< 50	7,600	NA	< 0.5	< 0.5	< 0.5	< 0.5	270	5.9	< 0.5	0.70	91
3/15/04	95	1,700	NA	< 0.5	< 0.5	< 0.5	< 0.5	290	6.7	< 0.5	0.92	200
9/21/04	78	990	NA	< 0.5	< 0.5	< 0.5	< 0.5	270	4.7	< 0.5	0.96	880
4/6/05	64	1,200	NA	< 0.5	< 0.5	< 0.5	< 0.5	120	4.8	< 0.5	< 0.5	780
9/29/05	100	640	NA	< 0.50	< 0.50	< 0.50	< 0.50	77	3.7	< 0.50	< 0.50	4,000
12/9/05	99	3,700	NA	< 0.50	< 0.50	< 0.50	< 0.50	66	3.8	< 0.50	< 0.50	3,000
3/6/06	66	760	NA	< 0.50	< 0.50	< 0.50	< 0.50	42	2.9	< 0.50	< 0.50	1,600
6/20/06	84	1,300	NA	< 0.50	< 0.50	< 0.50	< 0.50	42	3.6	< 0.50	< 0.50	3,000
8/23/06	< 200	410	NA	2.1	< 2.0	< 2.0	< 2.0	37	2.8	< 2.0	< 2.0	4,800
11/9/06	< 200	700	< 100	< 2.0	< 2.0	< 2.0	< 2.0	28	3.0	< 2.0	< 2.0	5,600
3/20/07	< 200	430	NA	< 2.0	< 2.0	< 2.0	< 2.0	22	3.0	< 2.0	< 2.0	3,800
5/17/07	< 200	500	NA	< 2.0	< 2.0	< 2.0	< 2.0	18	3.5	< 2.0	< 2.0	4,300
MW-6												
12/6/99	13,000	< 50	< 500	180	21	11	24	< 1,000	NA	NA	NA	NA
3/8/00	< 10,000	4,600*	< 500	230	26	18	39	12,000	NA	NA	NA	NA
6/14/00	8,400	12,000	< 100	190	12	9.5	22	15,000	< 5.0	< 5.0	70	3,300
12/11/00	< 5,000	10,000	< 100	190	< 50	< 50	< 50	14,000	< 50	< 50	74	2,900
3/6/01	5,300	6,700	NA	220	< 50	< 50	< 50	13,000	< 50	< 50	84	2,100
6/6/01	5,000	23,000	NA	210	< 25	< 25	< 25	12,000	< 25	< 25	84	4,200
9/4/01	5,400	22,000	NA	190	12	< 10	23	15,000	< 10	< 10	79	4,000
3/11/02	4,600	11,000	NA	160	< 25	< 25	< 25	15,000	< 25	< 25	39	5,100
6/6/02	< 5,000	14,000	NA	200	< 50	< 50	< 50	17,000	< 50	< 50	77	8,700
9/4/02	< 5,000	50,000	NA	140	< 50	< 50	< 50	21,000	< 50	< 50	52	7,500
12/17/02	< 5,000	9,100	NA	130	< 50	< 50	< 50	16,000	< 50	< 50	64	6,300
3/7/03	< 5,000	12,000	NA	160	< 50	< 50	< 50	20,000	< 50	< 50	53	7,500
6/5/03	< 5,000	23,000	NA	230	< 50	< 50	< 50	19,000	< 50	< 50	86	7,100
9/19/03	8,900	24,000	NA	220	< 25	< 25	< 25	15,000	< 25	< 25	74	8,100
12/12/03	8,000	24,000	NA	190	< 25	< 25	32	14,000	< 25	< 25	65	7,400
3/15/04	4,400	26,000	NA	190	< 25	< 25	< 25	9,900	< 25	< 25	61	6,700
6/22/04	3,500	7,000	NA	150	< 20	< 20	< 20	9,200	< 20	< 20	51	6,100
9/21/04	4,600	12,000	NA	210	< 20	< 20	< 20	8,800	< 20	< 20	55	7,000
12/30/04	5,300	11,000	NA	190	< 20	< 20	< 20	6,300	< 20	< 20	53	4,900
4/6/05	5,100	680	NA	190	13	12	32	3,700	< 5.0	< 5.0	42	4,600
9/29/05	4,900	2,800	NA	130	8.9	< 5.0	13	2,100	< 5.0	< 5.0	23	3,200
12/9/05	3,600	10,000	NA	110	7.1	< 5.0	7.9	2,700	< 5.0	< 5.0	22	4,200
3/6/06	3,900	900	NA	120	9.3	5.2	13	3,000	< 0.50	< 0.50	26	4,400
6/20/06	3,600	1,500	NA	140	10	5.2	18	1,600	< 3.0	< 3.0	23	3,600
8/23/06	4,300	< 800	NA	140	11	4.6	16	2,000	< 4.0	< 4.0	22	4,000
11/9/06	3,200	1,700	< 100	110	6.9	< 4.0	8.2	1,500	< 4.0	< 4.0	16	3,900
3/20/07	2,100	920	NA	120	7.9	< 4.0	7.1	2,000	< 4.0	< 4.0	20	4,000
5/17/07	3,800	600	NA	140	9.5	< 4.0	15	1,700	< 4.0	< 4.0	21	3,200

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
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
6/7/07	< 50	350	NA	< 0.50	< 0.50	< 0.50	< 0.50	3.3	< 0.50	< 0.50	< 0.50	< 5.0
MW-9												
9/4/02	< 2,500	1,000	NA	< 25	< 25	< 25	< 25	12,000	< 25	< 25	70	1,700
12/17/02	< 2,000	880	NA	< 20	< 20	< 20	< 20	4,500	< 20	< 20	23	2,300
3/7/03	< 500	450	NA	< 5.0	< 5.0	< 5.0	< 5.0	1,700	< 5.0	< 5.0	8.4	6,600
6/5/03	< 500	4,500	NA	< 5.0	< 5.0	< 5.0	< 5.0	120	< 5.0	< 5.0	< 5.0	17,000
9/19/03	< 1,000	4,500	NA	< 10	< 10	< 10	< 10	38	< 10	< 10	< 10	15,000
12/12/03	Not Sampled - Truck Parked Over Well											
3/15/04	< 1,000	82	NA	< 10	< 10	< 10	< 10	38	< 10	< 10	< 10	18,000
9/21/04	< 1,000	2,600	NA	< 10	< 10	< 10	< 10	17	< 10	< 10	< 10	16,000
12/30/04	Not Sampled - Truck Parked Over Well											
4/6/05	< 700	< 50	NA	< 7.0	< 7.0	< 7.0	< 7.0	55	< 7.0	< 7.0	< 7.0	15,000
9/29/05	< 700	< 50	NA	< 7.0	< 7.0	< 7.0	< 7.0	34	< 7.0	< 7.0	< 7.0	13,000
12/9/05	< 400	3,200	NA	46	< 4.0	< 4.0	< 4.0	12	< 4.0	< 4.0	< 4.0	8,200
3/6/06	Not Sampled - Truck Parked Over Well											
6/20/06	Not Sampled - Truck Parked Over Well											
8/23/06	< 250	< 50	NA	9.6	< 2.5	< 2.5	< 2.5	18	< 2.5	< 2.5	< 2.5	6,000
11/9/06	< 150	< 50	< 100	13	< 1.5	< 1.5	< 1.5	3.1	< 1.5	< 1.5	< 1.5	3,900
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
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
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 B260
 NA = Sample not analyzed for this compound.



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APPENDIX A

Well Sampling Field Logs

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME OTS

JOB NUMBER _____ DATE OF SAMPLING 5-17-07

WELL ID. MW-1 SAMPLER MLR

TOTAL DEPTH OF WELL 10.2 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 9.55 4.92

PRODUCT THICKNESS 4.63

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 1530 TIME EVACUATION COMPLETED 1550

TIME SAMPLES WERE COLLECTED -

DID WELL GO DRY No AFTER HOW MANY GALLONS -

VOLUME OF GROUNDWATER PURGED 5 gals

SAMPLING DEVICE -

SAMPLE COLOR No sample ODOR/SEDIMENT Free P.

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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

015

PROJECT NAME		015	
JOB NUMBER	DATE OF SAMPLING	5-17-07	
WELL ID.	SAMPLER	Mlr-2	
TOTAL DEPTH OF WELL	WELL DIAMETER	2	
DEPTH TO WATER PRIOR TO PURGING	6.74		
PRODUCT THICKNESS	0		
DEPTH OF WELL CASING IN WATER	7.86		
NUMBER OF GALLONS PER WELL CASING VOLUME	1.2		
NUMBER OF WELL CASING VOLUMES TO BE REMOVED	3		
REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING	3.7		
EQUIPMENT USED TO PURGE WELL	Bailer		
TIME EVACUATION STARTED	TIME EVACUATION COMPLETED	1050	
TIME SAMPLES WERE COLLECTED	1100		
DID WELL GO DRY	No		AFTER HOW MANY GALLONS
VOLUME OF GROUNDWATER PURGED	4.0		
SAMPLING DEVICE	Bailer		
SAMPLE COLOR	Clear		ODOR/SEDIMENT
	No 0 / No 5		

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	65.0	6.62	1754
2	66.0	6.57	1762
3	65.9	6.55	1769

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 5-17-07

WELL ID. MW-3 SAMPLER MCR

TOTAL DEPTH OF WELL 15.0 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 6.35

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 8.65

NUMBER OF GALLONS PER WELL CASING VOLUME 1.3

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 4.1

EQUIPMENT USED TO PURGE WELL Bailer

TIME EVACUATION STARTED 1130 TIME EVACUATION COMPLETED 1140

TIME SAMPLES WERE COLLECTED 1150

DID WELL GO DRY No AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 4.5

SAMPLING DEVICE Bailer

SAMPLE COLOR Clear ODOR/SEDIMENT slight odor / gray silt

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
<u>1</u>	<u>6.71</u>	<u>6.74</u>	<u>1098</u>
<u>2</u>	<u>6.70</u>	<u>6.76</u>	<u>1099</u>
<u>3</u>	<u>6.70</u>	<u>6.78</u>	<u>1095</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 3540 DATE OF SAMPLING 5-17-07

WELL ID. MW-4 SAMPLER MLR

TOTAL DEPTH OF WELL 14.0 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 5.18

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 8.82

NUMBER OF GALLONS PER WELL CASING VOLUME 1.41

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 4.2

EQUIPMENT USED TO PURGE WELL Bailer

TIME EVACUATION STARTED 920 TIME EVACUATION COMPLETED 930

TIME SAMPLES WERE COLLECTED 940

DID WELL GO DRY No AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 4.5

SAMPLING DEVICE Bailer

SAMPLE COLOR Clear ODOR/SEDIMENT No O / No Sed

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	66.9	7.01	1009
2	66.7	7.00	1031
3	66.5	7.01	1043

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
<u>MW-4</u>				

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME OTS

JOB NUMBER 3540 DATE OF SAMPLING 5-17-07

WELL ID. MW-5 SAMPLER MLR

TOTAL DEPTH OF WELL 14.0 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 5.29

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 8.71

NUMBER OF GALLONS PER WELL CASING VOLUME 1.39

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 4.1

EQUIPMENT USED TO PURGE WELL Bailer

TIME EVACUATION STARTED 840 TIME EVACUATION COMPLETED 850

TIME SAMPLES WERE COLLECTED 900

DID WELL GO DRY No AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 4.5

SAMPLING DEVICE Bailer

SAMPLE COLOR Clear ODOR/SEDIMENT No O / No Sed

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	69.04	6.90	1524
2	68.2	6.80	1533
3	68.1	6.78	1545

SAMPLES COLLECTED

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

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME OTS

JOB NUMBER _____ DATE OF SAMPLING 6-5-17-07

WELL ID. MW-6 SAMPLER MLK

TOTAL DEPTH OF WELL 14.3 WELL DIAMETER 4

DEPTH TO WATER PRIOR TO PURGING 5.12

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 9.18

NUMBER OF GALLONS PER WELL CASING VOLUME 5.9

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 17.9

EQUIPMENT USED TO PURGE WELL 2-stage-Pump

TIME EVACUATION STARTED 1500 TIME EVACUATION COMPLETED 1510

TIME SAMPLES WERE COLLECTED 1510

DID WELL GO DRY No AFTER HOW MANY GALLONS -

VOLUME OF GROUNDWATER PURGED 18.0

SAMPLING DEVICE bailey

SAMPLE COLOR clear ODOR/SEDIMENT No O / No S

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
<u>5</u>	<u>66.9</u>	<u>7.21</u>	<u>755</u>
<u>10</u>	<u>66.7</u>	<u>7.01</u>	<u>767</u>
<u>15</u>	<u>66.4</u>	<u>7.05</u>	<u>780</u>

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
<u>MW-6</u>				

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME OTS

JOB NUMBER 3540 DATE OF SAMPLING 5-17-07

WELL ID. MW-7 SAMPLER MLR

TOTAL DEPTH OF WELL 16.2 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 4.02

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 12.18

NUMBER OF GALLONS PER WELL CASING VOLUME 1.9

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 5.8

EQUIPMENT USED TO PURGE WELL Bailer

TIME EVACUATION STARTED 1000 TIME EVACUATION COMPLETED 1010

TIME SAMPLES WERE COLLECTED 1020

DID WELL GO DRY NO AFTER HOW MANY GALLONS

VOLUME OF GROUNDWATER PURGED 6.0

SAMPLING DEVICE Bailer

SAMPLE COLOR clear ODOR/SEDIMENT No O / No S

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
2	62.5	6.93	1447
4	62.1	6.95	1451
6	62.0	6.96	1459

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
<u>MW-7</u>				

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

OTS

PROJECT NAME _____

JOB NUMBER _____ DATE OF SAMPLING 6-7-07

WELL ID. MW-8 SAMPLER MLR

TOTAL DEPTH OF WELL 14.7 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 3.95

PRODUCT THICKNESS 0

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 Bailer

TIME EVACUATION STARTED 1430 TIME EVACUATION COMPLETED 1450

TIME SAMPLES WERE COLLECTED 1500

WELL DROPPED DRY? No AFTER HOW MANY GALLONS _____

VOLUME OF GROUNDWATER PURGED _____

SAMPLING DEVICE Bailer

SAMPLE COLOR clear ODOR/SEDIMENT No / No S

FIELD DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	66.1	7.88	599
2	65.2	7.58	638
3	65.3	7.52	661

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	5-17-07	
WELL ID.	SAMPLER	MW-9	MLR
TOTAL DEPTH OF WELL	WELL DIAMETER	19.8	2
DEPTH TO WATER PRIOR TO PURGING	553		
PRODUCT THICKNESS	0		
DEPTH OF WELL CASING IN WATER	14.27		
NUMBER OF GALLONS PER WELL CASING VOLUME	2.28		
NUMBER OF WELL CASING VOLUMES TO BE REMOVED	3		
REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING	6.8		
EQUIPMENT USED TO PURGE WELL	Bailer		
TIME EVACUATION STARTED	1400	TIME EVACUATION COMPLETED	1430
TIME SAMPLES WERE COLLECTED	1440		
DID WELL GO DRY	No	AFTER HOW MANY GALLONS	
VOLUME OF GROUNDWATER PURGED	7.0		
SAMPLING DEVICE	Bailer		
SAMPLE COLOR	Clear	ODOR/SEDIMENT	No / No S

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	67.4	7.48	1028
2	67.2	7.44	1040
3	67.1	7.40	1052

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 5-17-07

WELL ID. MW-10 SAMPLER MLR

TOTAL DEPTH OF WELL 26.0 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 6.21

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 19.79

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 9.4

EQUIPMENT USED TO PURGE WELL Bailer

TIME EVACUATION STARTED 1220 TIME EVACUATION COMPLETED 1230

TIME SAMPLES WERE COLLECTED 1240

DID WELL GO DRY No AFTER HOW MANY GALLONS -

VOLUME OF GROUNDWATER PURGED 10.0

SAMPLING DEVICE Bailer

SAMPLE COLOR clear ODOR/SEDIMENT slight d / No Sed

CHEMICAL DATA

- loose cap, possible surface intrusion.

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
3	66.5	7.45	689
6	66.6	7.39	688
9	66.6	7.35	685

SAMPLES COLLECTED

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



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APPENDIX B

Certified Analytical Report
and
Chain of Custody Documentation



Report Number : 56595

Date : 05/29/2007

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



Report Number : 56595

Date : 05/29/2007

Subject : 8 Water Samples
Project Name : Oakland Truck Stop
Project Number : 3540

Case Narrative

Hydrocarbons reported as TPH as Diesel do not exhibit a typical Diesel chromatographic pattern for sample MW-2. Some of these hydrocarbons are lower boiling than typical diesel fuel and some of these hydrocarbons are higher boiling than typical diesel fuel.

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

The Method Reporting Limit for Methanol has been increased due to the presence of an interfering compound for samples MW-2, MW-3 and MW-6.

Matrix Spike/Matrix Spike Duplicate Results associated with sample MW-7 for the analyte Benzene were affected by the analyte concentrations already present in the un-spiked sample.

Approved By: _____

Joe Kiff



Report Number : 56595

Date : 05/29/2007

Project Name : **Oakland Truck Stop**

Project Number : **3540**


Sample : **MW-2**

Matrix : Water

Lab Number : 56595-01

Sample Date :05/17/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	05/23/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	05/23/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	05/23/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	05/23/2007
Methyl-t-butyl ether (MTBE)	160	0.50	ug/L	EPA 8260B	05/23/2007
Diisopropyl ether (DIPE)	4.4	0.50	ug/L	EPA 8260B	05/23/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	05/23/2007
Tert-amyl methyl ether (TAME)	0.88	0.50	ug/L	EPA 8260B	05/23/2007
Tert-Butanol	2000	5.0	ug/L	EPA 8260B	05/24/2007
Methanol	< 200	200	ug/L	EPA 8260B	05/23/2007
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	05/23/2007
TPH as Gasoline	710	50	ug/L	EPA 8260B	05/23/2007
Toluene - d8 (Surr)	95.7		% Recovery	EPA 8260B	05/23/2007
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	05/23/2007
TPH as Diesel (Silica Gel)	85	50	ug/L	M EPA 8015	05/29/2007
Octacosane (Diesel Silica Gel Surr)	99.9		% Recovery	M EPA 8015	05/29/2007

Approved By:  Joel Kiff



Report Number : 56595

Date : 05/29/2007

Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-3**

Matrix : Water

Lab Number : 56595-02

Sample Date :05/17/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	10000	25	ug/L	EPA 8260B	05/25/2007
Toluene	44	15	ug/L	EPA 8260B	05/23/2007
Ethylbenzene	110	15	ug/L	EPA 8260B	05/23/2007
Total Xylenes	27	15	ug/L	EPA 8260B	05/23/2007
Methyl-t-butyl ether (MTBE)	5500	15	ug/L	EPA 8260B	05/23/2007
Diisopropyl ether (DIPE)	< 15	15	ug/L	EPA 8260B	05/23/2007
Ethyl-t-butyl ether (ETBE)	< 15	15	ug/L	EPA 8260B	05/23/2007
Tert-amyl methyl ether (TAME)	41	15	ug/L	EPA 8260B	05/23/2007
Tert-Butanol	3200	70	ug/L	EPA 8260B	05/23/2007
Methanol	< 4000	4000	ug/L	EPA 8260B	05/23/2007
Ethanol	< 150	150	ug/L	EPA 8260B	05/23/2007
TPH as Gasoline	22000	1500	ug/L	EPA 8260B	05/23/2007
Toluene - d8 (Surr)	99.1		% Recovery	EPA 8260B	05/23/2007
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	05/23/2007
TPH as Diesel (Silica Gel)	18000	50	ug/L	M EPA 8015	05/22/2007
Octacosane (Diesel Silica Gel Surr)	101		% Recovery	M EPA 8015	05/22/2007

Approved By:

Joel Kiff



Report Number : 56595

Date : 05/29/2007

Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-4**

Matrix : Water

Lab Number : 56595-03

Sample Date :05/17/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	05/23/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	05/23/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	05/23/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	05/23/2007
Methyl-t-butyl ether (MTBE)	5.6	0.50	ug/L	EPA 8260B	05/23/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	05/23/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	05/23/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	05/23/2007
Tert-Butanol	32	5.0	ug/L	EPA 8260B	05/23/2007
Methanol	< 50	50	ug/L	EPA 8260B	05/23/2007
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	05/23/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	05/23/2007
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	05/23/2007
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	05/23/2007
TPH as Diesel (Silica Gel)	600	50	ug/L	M EPA 8015	05/23/2007
Octacosane (Diesel Silica Gel Surr)	115		% Recovery	M EPA 8015	05/23/2007

Approved By:

Joel Kiff



Report Number : 56595

Date : 05/29/2007

Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-5**

Matrix : Water

Lab Number : 56595-04

Sample Date :05/17/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 2.0	2.0	ug/L	EPA 8260B	05/23/2007
Toluene	< 2.0	2.0	ug/L	EPA 8260B	05/23/2007
Ethylbenzene	< 2.0	2.0	ug/L	EPA 8260B	05/23/2007
Total Xylenes	< 2.0	2.0	ug/L	EPA 8260B	05/23/2007
Methyl-t-butyl ether (MTBE)	18	2.0	ug/L	EPA 8260B	05/23/2007
Diisopropyl ether (DIPE)	3.5	2.0	ug/L	EPA 8260B	05/23/2007
Ethyl-t-butyl ether (ETBE)	< 2.0	2.0	ug/L	EPA 8260B	05/23/2007
Tert-amyl methyl ether (TAME)	< 2.0	2.0	ug/L	EPA 8260B	05/23/2007
Tert-Butanol	4300	9.0	ug/L	EPA 8260B	05/23/2007
Methanol	< 200	200	ug/L	EPA 8260B	05/23/2007
Ethanol	< 20	20	ug/L	EPA 8260B	05/23/2007
TPH as Gasoline	< 200	200	ug/L	EPA 8260B	05/23/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	05/23/2007
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	05/23/2007
TPH as Diesel (Silica Gel)	500	50	ug/L	M EPA 8015	05/22/2007
Octacosane (Diesel Silica Gel Surr)	109		% Recovery	M EPA 8015	05/22/2007

Approved By:

Joel Kiff



Report Number : 56595

Date : 05/29/2007

Project Name : **Oakland Truck Stop**

Project Number : **3540**


Sample : **MW-6**

Matrix : Water

Lab Number : 56595-05

Sample Date :05/17/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	140	4.0	ug/L	EPA 8260B	05/23/2007
Toluene	9.5	4.0	ug/L	EPA 8260B	05/23/2007
Ethylbenzene	< 4.0	4.0	ug/L	EPA 8260B	05/23/2007
Total Xylenes	15	4.0	ug/L	EPA 8260B	05/23/2007
Methyl-t-butyl ether (MTBE)	1700	4.0	ug/L	EPA 8260B	05/23/2007
Diisopropyl ether (DIPE)	< 4.0	4.0	ug/L	EPA 8260B	05/23/2007
Ethyl-t-butyl ether (ETBE)	< 4.0	4.0	ug/L	EPA 8260B	05/23/2007
Tert-amyl methyl ether (TAME)	21	4.0	ug/L	EPA 8260B	05/23/2007
Tert-Butanol	3200	20	ug/L	EPA 8260B	05/23/2007
Methanol	< 1500	1500	ug/L	EPA 8260B	05/23/2007
Ethanol	< 40	40	ug/L	EPA 8260B	05/23/2007
TPH as Gasoline	3800	400	ug/L	EPA 8260B	05/23/2007
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	05/23/2007
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	05/23/2007
TPH as Diesel (Silica Gel)	600	50	ug/L	M EPA 8015	05/22/2007
Octacosane (Diesel Silica Gel Surr)	120		% Recovery	M EPA 8015	05/22/2007

Approved By:  Joel Kiff



Report Number : 56595

Date : 05/29/2007

Project Name : **Oakland Truck Stop**

Project Number : **3540**


Sample : **MW-7**

Matrix : Water

Lab Number : 56595-06

Sample Date :05/17/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	05/25/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	05/25/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	05/25/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	05/25/2007
Methyl-t-butyl ether (MTBE)	2.0	0.50	ug/L	EPA 8260B	05/25/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	05/25/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	05/25/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	05/25/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	05/25/2007
Methanol	< 50	50	ug/L	EPA 8260B	05/25/2007
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	05/25/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	05/25/2007
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	05/25/2007
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	05/25/2007
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	05/23/2007
Octacosane (Diesel Silica Gel Surr)	121		% Recovery	M EPA 8015	05/23/2007

Approved By:  Joel Kiff



Report Number : 56595

Date : 05/29/2007

Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-9**

Matrix : Water

Lab Number : 56595-07

Sample Date :05/17/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	05/24/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	05/24/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	05/24/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	05/24/2007
Methyl-t-butyl ether (MTBE)	6.0	0.50	ug/L	EPA 8260B	05/24/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	05/24/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	05/24/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	05/24/2007
Tert-Butanol	880	5.0	ug/L	EPA 8260B	05/24/2007
Methanol	< 50	50	ug/L	EPA 8260B	05/24/2007
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	05/24/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	05/24/2007
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	05/24/2007
4-Bromofluorobenzene (Surr)	91.6		% Recovery	EPA 8260B	05/24/2007
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	05/23/2007
Octacosane (Diesel Silica Gel Surr)	114		% Recovery	M EPA 8015	05/23/2007

Approved By:

Joel Kiff



Report Number : 56595

Date : 05/29/2007

Project Name : **Oakland Truck Stop**

Project Number : **3540**

Sample : **MW-10**

Matrix : Water

Lab Number : 56595-08

Sample Date : 05/17/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	05/23/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	05/23/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	05/23/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	05/23/2007
Methyl-t-butyl ether (MTBE)	1.4	0.50	ug/L	EPA 8260B	05/23/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	05/23/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	05/23/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	05/23/2007
Tert-Butanol	55	5.0	ug/L	EPA 8260B	05/23/2007
Methanol	< 50	50	ug/L	EPA 8260B	05/23/2007
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	05/23/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	05/23/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	05/23/2007
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	05/23/2007
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	05/23/2007
Octacosane (Diesel Silica Gel Surr)	116		% Recovery	M EPA 8015	05/23/2007

Approved By:

Joel Kiff

QC Report : Method Blank Data

Project Name : Oakland Truck Stop


Project Number : 3540

Report Number : 56595

Date : 05/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	05/22/2007
Octacosane (Diesel Silica Gel Surr)	123		%	M EPA 8015	05/22/2007
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	05/29/2007
Octacosane (Diesel Silica Gel Surr)	98.8		%	M EPA 8015	05/29/2007
Benzene	< 0.50	0.50	ug/L	EPA 8260B	05/22/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	05/22/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	05/22/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	05/22/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	05/22/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	05/22/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	05/22/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	05/22/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	05/22/2007
Methanol	< 50	50	ug/L	EPA 8260B	05/22/2007
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	05/22/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	05/22/2007
Toluene - d8 (Surr)	102		%	EPA 8260B	05/22/2007
4-Bromofluorobenzene (Surr)	100		%	EPA 8260B	05/22/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	05/23/2007
Benzene	< 0.50	0.50	ug/L	EPA 8260B	05/24/2007
Benzene	< 0.50	0.50	ug/L	EPA 8260B	05/25/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	05/25/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	05/25/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	05/25/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	05/25/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	05/25/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	05/25/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	05/25/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	05/25/2007
Methanol	< 50	50	ug/L	EPA 8260B	05/25/2007
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	05/25/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	05/25/2007
Toluene - d8 (Surr)	100		%	EPA 8260B	05/25/2007
4-Bromofluorobenzene (Surr)	103		%	EPA 8260B	05/25/2007
Benzene	< 0.50	0.50	ug/L	EPA 8260B	05/24/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	05/24/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	05/24/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	05/24/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	05/24/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	05/24/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	05/24/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	05/24/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	05/24/2007
Methanol	< 50	50	ug/L	EPA 8260B	05/24/2007
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	05/24/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	05/24/2007
Toluene - d8 (Surr)	101		%	EPA 8260B	05/24/2007
4-Bromofluorobenzene (Surr)	90.4		%	EPA 8260B	05/24/2007

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	1130	1120	ug/L	M EPA 8015	5/22/07	113	112	1.45	70-130	25
Benzene	56595-08	<0.50	39.8	39.9	38.7	38.5	ug/L	EPA 8260B	5/23/07	97.3	96.3	0.996	70-130	25
Toluene	56595-08	<0.50	39.8	39.9	39.7	39.9	ug/L	EPA 8260B	5/23/07	99.9	99.9	0.0351	70-130	25
Tert-Butanol	56595-08	55	199	200	248	255	ug/L	EPA 8260B	5/23/07	97.1	100	3.12	70-130	25
Methyl-t-Butyl Ether	56595-08	1.4	39.8	39.9	42.3	42.2	ug/L	EPA 8260B	5/23/07	103	102	0.493	70-130	25
Benzene	56623-01	<0.50	40.0	39.8	40.8	40.6	ug/L	EPA 8260B	5/23/07	102	102	0.0705	70-130	25
Toluene	56623-01	<0.50	40.0	39.8	42.1	42.1	ug/L	EPA 8260B	5/23/07	105	106	0.545	70-130	25
Tert-Butanol	56623-01	<5.0	200	199	205	212	ug/L	EPA 8260B	5/23/07	103	106	3.54	70-130	25
Methyl-t-Butyl Ether	56623-01	<0.50	40.0	39.8	44.7	42.7	ug/L	EPA 8260B	5/23/07	112	107	3.97	70-130	25
Benzene	56552-02	<0.50	39.9	40.0	43.4	43.9	ug/L	EPA 8260B	5/24/07	109	110	0.927	70-130	25
Toluene	56552-02	<0.50	39.9	40.0	44.8	44.9	ug/L	EPA 8260B	5/24/07	112	112	0.0425	70-130	25
Tert-Butanol	56552-02	42	200	200	261	273	ug/L	EPA 8260B	5/24/07	110	116	5.21	70-130	25
Methyl-t-Butyl Ether	56552-02	3.3	39.9	40.0	48.6	40.2	ug/L	EPA 8260B	5/24/07	113	92.1	20.7	70-130	25
Benzene	56611-05	190	40.0	40.0	222	217	ug/L	EPA 8260B	5/25/07	81.5	67.5	18.8	70-130	25
Toluene	56611-05	0.97	40.0	40.0	38.6	38.0	ug/L	EPA 8260B	5/25/07	94.1	92.6	1.57	70-130	25
Tert-Butanol	56611-05	<5.0	200	200	197	186	ug/L	EPA 8260B	5/25/07	98.7	93.2	5.70	70-130	25
Methyl-t-Butyl Ether	56611-05	<0.50	40.0	40.0	39.7	40.3	ug/L	EPA 8260B	5/25/07	99.3	101	1.51	70-130	25

Approved By:  Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 56595

Date : 05/29/2007

QC Report : Matrix Spike/ Matrix Spike Duplicate


Project Name : **Oakland Truck Stop**

Project Number : **3540**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	56597-01	58	40.0	40.0	95.7	92.4	ug/L	EPA 8260B	5/24/07	94.8	86.5	9.07	70-130	25
Toluene	56597-01	0.60	40.0	40.0	41.1	39.5	ug/L	EPA 8260B	5/24/07	101	97.3	3.92	70-130	25
Tert-Butanol	56597-01	7.5	200	200	194	173	ug/L	EPA 8260B	5/24/07	93.3	83.0	11.8	70-130	25
Methyl-t-Butyl Ether	56597-01	<0.50	40.0	40.0	38.3	38.2	ug/L	EPA 8260B	5/24/07	95.6	95.5	0.128	70-130	25
TPH-D (Si Gel)	Blank	<50	1000	1000	904	910	ug/L	M EPA 8015	5/29/07	90.4	91.0	0.638	70-130	25

KIFF ANALYTICAL, LLC

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

Approved By:  Joe Kiff

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	5/22/07	98.5	70-130
Toluene	40.0	ug/L	EPA 8260B	5/22/07	102	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/22/07	102	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/22/07	100	70-130
Benzene	40.0	ug/L	EPA 8260B	5/23/07	102	70-130
Toluene	40.0	ug/L	EPA 8260B	5/23/07	106	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/23/07	105	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/23/07	105	70-130
Benzene	40.0	ug/L	EPA 8260B	5/24/07	110	70-130
Toluene	40.0	ug/L	EPA 8260B	5/24/07	113	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/24/07	108	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/24/07	97.4	70-130
Benzene	40.0	ug/L	EPA 8260B	5/25/07	94.1	70-130
Toluene	40.0	ug/L	EPA 8260B	5/25/07	98.4	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/25/07	97.1	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/25/07	100	70-130
Benzene	40.0	ug/L	EPA 8260B	5/24/07	98.7	70-130

KIFF ANALYTICAL, LLC

Approved By:



 Joel Kiff

QC Report : Laboratory Control Sample (LCS)

Report Number : 56595

Date : 05/29/2007

Project Name : **Oakland Truck Stop**

Project Number : **3540**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Toluene	40.0	ug/L	EPA 8260B	5/24/07	100	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/24/07	99.7	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/24/07	91.4	70-130

KIFF ANALYTICAL, LLC

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

Approved By:



Joe Kiff

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

56595

Chain of Custody

SAMPLER (SIGNATURE) M. R. PROJECT NAME Oakland Truck Stop PAGE 1 OF 1
 ADDRESS 8255 San Leandro, Oakland, CA JOB NO. #3540

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:

SAMPLE ID.	DATE	TIME	MATRIX	QUANTITY	TPH-GAS / AIR BE & STEY (EPA 5030/8015-8020)	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 (S) (EPA 6010+7000)	CATION METALS (EPA 6010+7000)	PCBS & PESTICIDES (EPA 608/8080)	ORGANOPHOSPHORUS PESTICIDES (EPA 8140 EPA 608/8080)	FUEL OXYGENATES, TH-6 (EPA 8260) BTEX	Pb (TOTAL or DISSOLVED) (EPA 6010)	PURGABLE HALOCARBONS (EPA 601/8010)	MULTI-RANGE HYDROCARBONS	SILICA-GEL CLEANUP	HOLD	EDF		
MW-2	5-17-07	1100	W	S		X									X							X	0
MW-3		1150				X									X							X	0
MW-4		940				X									X							X	0
MW-5		900				X									X							X	0
MW-6		1510				X									X							X	0
MW-7		1020				X									X							X	0
MW-9		1440				X									X							X	0
MW-10		1240				X									X							X	0

SAMPLE RECEIPT
 Temp °C 18 Therm. ID# IR-5
 Initials JA Date 052107
 Time 1335 Coolant present: Yes / No

RELINQUISHED BY:
M. R. 1600
 (signature) (time)
 M. Rauser
 (printed name) (date)
 Company: A.S.E. INC.

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

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

RECEIVED BY LABORATORY:
Jason W. Hernandez 1030
 (signature) (time)
Jason W. Hernandez
 (printed name) (date)
 Company: Kitt Analytical

COMMENTS:
HQ - VOA's
 TURN-AROUND TIME
 STANDARD 24hr 48hr 72hr
 OTHER:



Report Number : 56919

Date : 6/19/2007

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

Subject : 1 Water Sample
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



Report Number : 56919

Date : 6/19/2007

Subject : 1 Water Sample
Project Name : Oakland Truck Stop
Project Number : 3540

Case Narrative

Hydrocarbons reported as TPH as Diesel do not exhibit a typical Diesel chromatographic pattern for sample MW-8. Some of these hydrocarbons represent diesel fuel and some of these hydrocarbons are higher boiling than typical diesel fuel.

Approved By: _____


Joel Kiff



Report Number : 56919

Date : 6/19/2007

Project Name : **Oakland Truck Stop**

Project Number : **3540**


Sample : **MW-8**

Matrix : Water

Lab Number : 56919-01

Sample Date :6/7/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	6/13/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	6/13/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	6/13/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/13/2007
Methyl-t-butyl ether (MTBE)	3.3	0.50	ug/L	EPA 8260B	6/13/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	6/13/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	6/13/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	6/13/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	6/13/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	6/13/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	6/13/2007
4-Bromofluorobenzene (Surr)	87.8		% Recovery	EPA 8260B	6/13/2007
TPH as Diesel (Silica Gel)	350	50	ug/L	M EPA 8015	6/14/2007
Octacosane (Diesel Silica Gel Surr)	122		% Recovery	M EPA 8015	6/14/2007

Approved By:  Joel Kiff

Report Number : 56919

Date : 6/19/2007

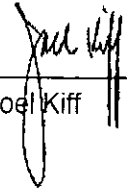
QC Report : Method Blank Data

Project Name : **Oakland Truck Stop**

Project Number : **3540**

<u>Parameter</u>	<u>Measured Value</u>	<u>Method Reporting Limit</u>	<u>Units</u>	<u>Analysis Method</u>	<u>Date Analyzed</u>
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	6/18/2007
Octacosane (Diesel Silica Gel Surr)	108		%	M EPA 8015	6/18/2007
Benzene	< 0.50	0.50	ug/L	EPA 8260B	6/13/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	6/13/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	6/13/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/13/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	6/13/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	6/13/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	6/13/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	6/13/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	6/13/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	6/13/2007
Toluene - d8 (Surr)	99.2		%	EPA 8260B	6/13/2007
4-Bromofluorobenzene (Surr)	86.5		%	EPA 8260B	6/13/2007

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

KIFF ANALYTICAL, LLC

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QC Report : Matrix Spike/ Matrix Spike Duplicate

Report Number : 56919

Date : 6/19/2007

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	56924-03	<0.50	40.0	40.0	40.3	38.6	ug/L	EPA 8260B	6/13/07	101	96.4	4.46	70-130	25
Toluene	56924-03	<0.50	40.0	40.0	39.2	37.8	ug/L	EPA 8260B	6/13/07	98.1	94.5	3.74	70-130	25
Tert-Butanol	56924-03	<5.0	200	200	198	206	ug/L	EPA 8260B	6/13/07	99.1	103	4.10	70-130	25
Methyl-t-Butyl Ether	56924-03	<0.50	40.0	40.0	33.8	37.5	ug/L	EPA 8260B	6/13/07	84.6	93.7	10.1	70-130	25
TPH-D (Si Gel)	Blank	<50	1000	1000	768	803	ug/L	M EPA 8015	6/18/07	76.8	80.3	4.42	70-130	25

KIFF ANALYTICAL, LLC

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Approved By:  Joel Kiff

QC Report : Laboratory Control Sample (LCS)

Report Number : 56919

Date : 6/19/2007

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	6/13/07	99.2	70-130
Toluene	40.0	ug/L	EPA 8260B	6/13/07	98.3	70-130
Tert-Butanol	200	ug/L	EPA 8260B	6/13/07	98.5	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	6/13/07	99.7	70-130

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Approved By:


Joel Kiff

