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Alameda County
Environmental Health

January 29, 2008

**QUARTERLY GROUNDWATER MONITORING REPORT
DECEMBER 2007 GROUNDWATER SAMPLING**

at

Lim Family Property
250 8th Street
Oakland, California

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



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1.0 INTRODUCTION

This report presents the methods and findings of Aqua Science Engineers, Inc. (ASE)'s quarterly groundwater monitoring at the Lim family property located at 250 8th Street in Oakland, California (*Figures 1 and 2*).

2.0 GROUNDWATER FLOW DIRECTION AND GRADIENT

On December 6, 2007, ASE measured the depth to water in monitoring wells MW-1 through MW-7 using an electric water level sounder. The surface of the groundwater was also checked for the presence of free-floating hydrocarbons or sheen. Monitoring well MW-3 contained 0.5-foot of free-floating hydrocarbons, which is an increase from the previous quarter. The product was subsequently bailed by ASE and contained in a sealed and labeled 55-gallon steel drum for temporary storage until off-site disposal can be arranged. Groundwater elevation data is presented in Table One.

A groundwater elevation (potentiometric surface) contour map is shown as Figure 2. The groundwater flow direction at the site is generally to the south with an approximate gradient of 0.0017 feet/foot during this quarterly sampling period. The gradient and flow direction are generally consistent with previous findings.

3.0 MONITORING WELL SAMPLING

On December 6, 2007, ASE collected groundwater samples from six of the seven monitoring wells for analysis. Monitoring well MW-3 was not sampled due to the presence of free-floating hydrocarbons.

Prior to sampling, the wells were purged of three well casing volumes of groundwater using disposable polyethylene bailers. The pH, temperature, and conductivity of the purge water were monitored during evacuation, and samples were not collected until these parameters stabilized. Samples were collected from each well using disposable polyethylene bailers. The groundwater samples were decanted from the bottom of the bailers using low-flow emptying devices into 40-ml volatile organic analysis (VOA) vials, preserved with hydrochloric acid, sealed without headspace and labeled. All samples were stored on ice for transport to Kiff Analytical, LLC, (KIFF) of Davis, California under appropriate chain of custody documentation. Well sampling purge water was contained in a sealed and labeled 55-gallon steel drum for temporary storage until off-site disposal can be arranged. See Appendix A for copies of the well sampling field logs.



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4.0 ANALYTICAL RESULTS FOR GROUNDWATER

All groundwater samples were analyzed by KIFF for total petroleum hydrocarbons as gasoline (TPH-G), benzene, toluene, ethyl benzene, total xylenes (collectively known as BTEX), fuel oxygenates including methyl tertiary butyl ether (MTBE), and lead scavengers by EPA Method 8260B, and total petroleum hydrocarbons as diesel (TPH-D) by modified EPA Method 8015. The analytical results are tabulated in Tables Two and Three, and copies of the certified analytical report and chain of custody form are included in Appendix B.

5.0 CONCLUSIONS

- Concentrations of TPH-G decreased in groundwater samples collected from monitoring well MW-1, while TPH-D concentrations increased slightly. No other compounds were detected.
- Concentrations of TPH-G, toluene, ethyl benzene and total xylenes decreased to historic lows in groundwater samples collected from monitoring well MW-2, while the benzene concentration increased slightly.
- Monitoring well MW-3 contained 0.5 feet of free-floating hydrocarbons, which is an increase from the previous quarter.
- Concentrations of TPH-G, toluene and total xylenes decreased in groundwater samples collected from monitoring well MW-4, while benzene and ethyl benzene concentrations increased in the same sample.
- MTBE was detected in groundwater samples collected from monitoring well MW-5 at 1.8 ppb, which equals a historic low concentration. No TPH-G, TPH-D or BTEX was detected. 1,2-Dibromoethane was detected at 1.5 ppb.
- No hydrocarbons were detected in groundwater samples collected from monitoring well MW-6.
- Concentrations of TPH-G, benzene, ethyl benzene and total xylenes decreased in groundwater samples collected from monitoring well MW-7, while the toluene concentration increased slightly.

Concentrations in groundwater samples collected from the following wells exceeded Environmental Screening Levels (ESLs) as presented in the "Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater" document prepared by the California Regional Water Quality Control Board, San Francisco Bay Region dated November 2007:

- Concentrations of TPH-D in groundwater samples collected from monitoring wells MW-1 exceeded the ESLs.
- Concentrations of TPH-G, benzene, toluene, ethyl benzene, and xylenes in groundwater samples collected from monitoring wells MW-2, MW-4 and MW-7 exceeded the ESLs.



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6.0 RECOMMENDATIONS

ASE is currently conducting a soil, groundwater, soil vapor, and indoor air assessment for the site and surrounding properties. This assessment is expected to be complete and submitted during the next quarter. The next quarterly groundwater sampling event is scheduled for February 2008.

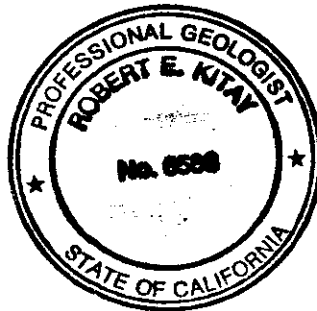
7.0 REPORT LIMITATIONS

The results presented in this report represent conditions at the time of the groundwater sampling, at the specific locations where the samples were collected, and for the specific parameters analyzed by the laboratory. It does not fully characterize the site for contamination resulting from unknown sources, or for parameters not analyzed by the laboratory. All of the laboratory work cited in this report was prepared under the direction of an 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 assist The Lim Family with their environmental needs. Should you have any questions or comments, please feel free to call us at (925) 820-9391.

Respectfully submitted,
AQUA SCIENCE ENGINEERS, INC.

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



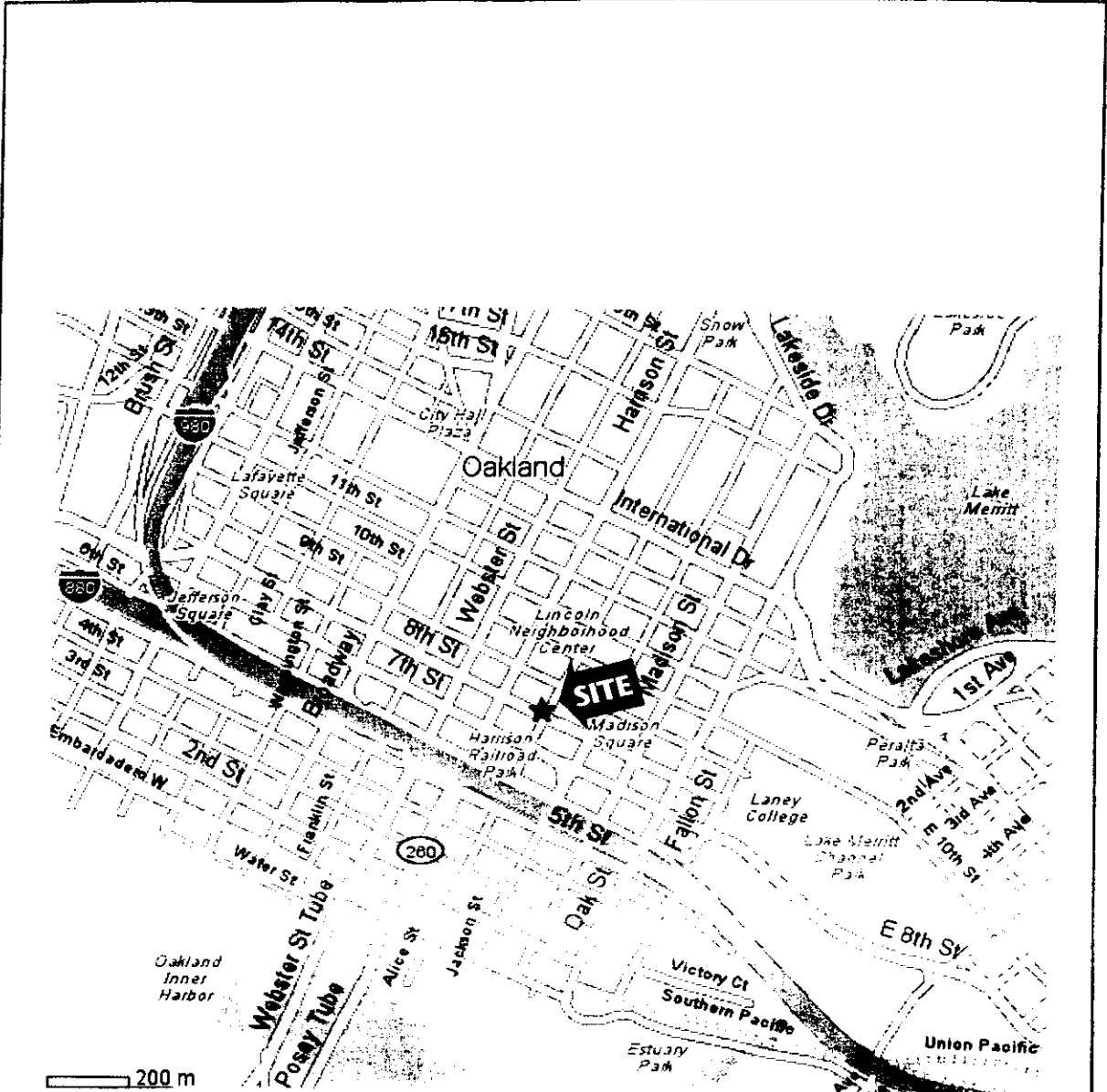
Attachments: Figures 1 and 2
Tables One, Two, and Three
Appendices A and B

cc: Mr. Jerry Wickham, ACHCSA
Mr. Chuck Headlee, RWQCB, San Francisco Bay Region

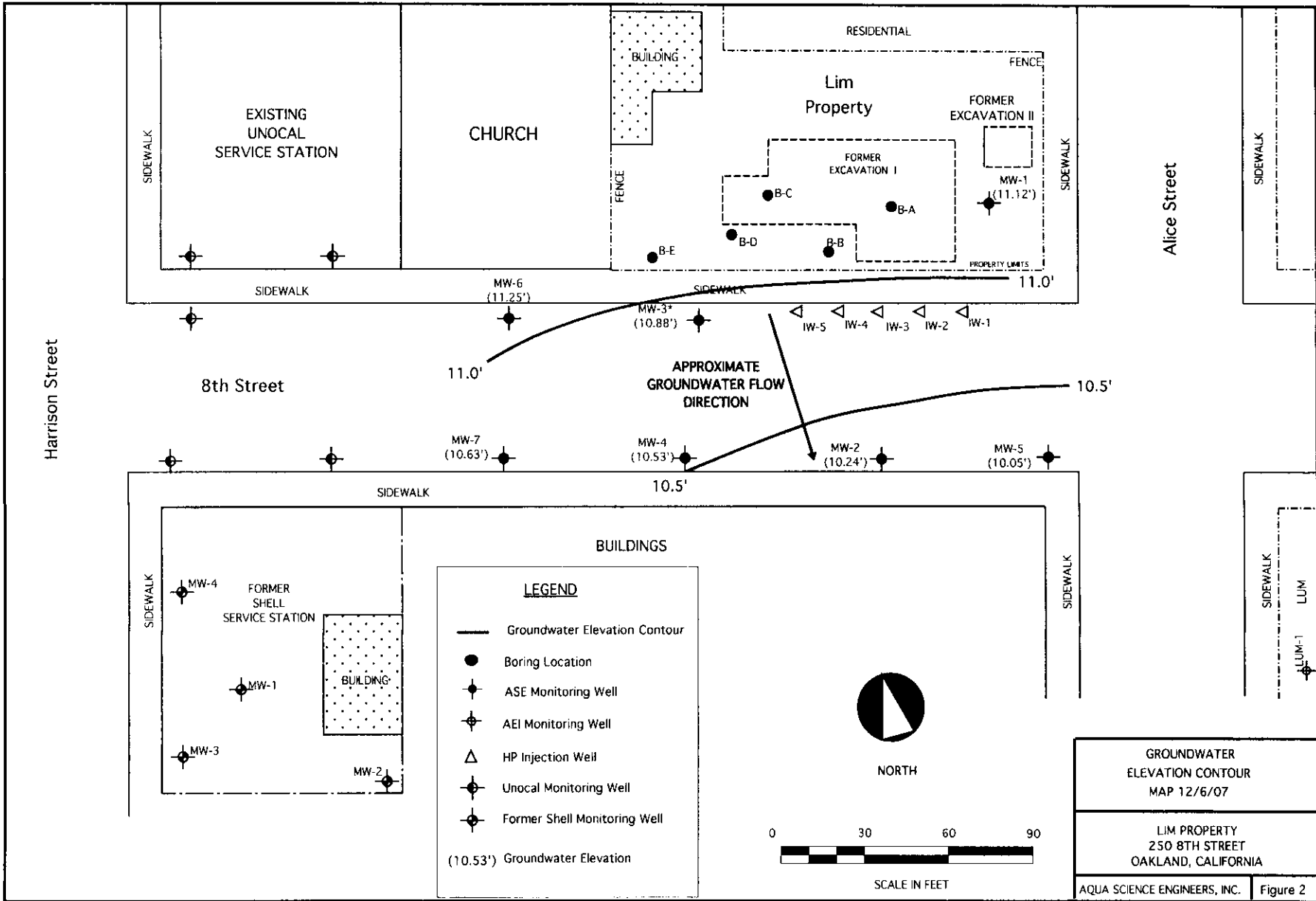


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FIGURES



SITE LOCATION MAP	
LIM PROPERTY 250 8TH STREET OAKLAND, CALIFORNIA	
AQUA SCIENCE ENGINEERS, INC.	Figure 1





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TABLES

TABLE ONE
 Groundwater Elevation Data
 Lim Family Property
 250 8th Street
 Oakland, CA

Well I.D.	Date of Measurement	Top of Casing Elevation (msl)	Depth to Water (feet)	Product Thickness (feet)	Groundwater Elevation (msl)
MW-1	01/30/95	25.51	16.21		9.30
	04/12/95		15.71		9.80
	07/14/95		16.71		8.80
	10/17/95		17.72		7.79
	01/12/96		18.03		7.48
	07/25/96		16.82		8.69
	01/06/97		15.60		9.91
	07/08/97		17.31		8.20
	01/26/98		15.21		10.30
	07/23/98		15.38		10.13
	01/05/99		16.82		8.69
	07/13/99		15.89		9.62
	01/12/00		17.44		8.07
	04/24/00		16.37		9.14
	07/20/00		16.30		9.21
	10/24/00		17.25		8.26
	01/18/01		17.29		8.22
	04/05/01		15.88		9.63
	07/17/01		16.54		8.97
	10/25/01		16.89		8.62
	01/21/02		14.92		10.59
	04/11/02		14.02		11.49
	06/11/02		29.72	15.33	
	09/17/02	15.96			13.76
	12/18/02	16.14			13.58
	03/25/03	16.16			13.56
	06/23/03	16.01			13.71
	09/26/03	16.57			13.15
	12/18/03	16.41			13.31
	03/12/04	14.64			15.08
	06/17/04	15.71			14.01
	09/17/04	16.35			13.37
	12/17/04	16.10			13.62
04/28/05	14.10			15.62	
07/19/05	15.94			13.78	
10/03/05	16.34			13.38	
12/06/05	16.21			13.51	
03/15/06	16.21			13.51	
06/28/06	14.92			14.80	
08/31/06	15.60		14.12		
11/21/06	17.20		12.52		
02/12/07	16.12		13.60		
05/02/07	16.92		12.80		
08/09/07	17.58		12.14		
12/06/07		18.60		11.12	

TABLE ONE
 Groundwater Elevation Data
 Lim Family Property
 250 8th Street
 Oakland, CA

Well I.D.	Date of Measurement	Top of Casing Elevation (msl)	Depth to Water (feet)	Product Thickness (feet)	Groundwater Elevation (msl)
MW-2	01/30/95	23.99	15.02		8.97
	04/12/95		14.75		9.24
	07/14/95		16.02		7.97
	10/17/95		16.94		7.05
	01/12/96		17.05		6.94
	07/25/96		16.02		7.97
	01/06/97		14.34		9.65
	07/08/97		16.52		7.47
	01/26/98		14.10		9.89
	07/23/98		14.70		9.29
	01/05/99		16.01		7.98
	07/13/99		15.40		8.59
	01/12/00		16.76		7.23
	04/24/00		15.67		8.32
	07/20/00		15.70		8.29
	10/24/00		16.56		7.43
	01/18/01		16.47		7.52
	04/05/01		15.88		8.11
	07/17/01		15.35		8.64
	10/25/01		15.63		8.36
	01/21/02		13.55		10.44
	04/11/02		13.74		10.25
	06/11/02		28.19	14.06	
	09/17/02	14.67			13.52
	12/18/02	14.88			13.31
	03/25/03	15.11			13.08
	06/23/03	14.94			13.25
	09/26/03	15.49			12.70
	12/18/03	15.13			13.06
	03/12/04	13.50			14.69
	06/17/04	14.63			13.56
	09/17/04	15.19			13.00
	12/17/04	14.88			13.31
04/28/05	13.39			14.80	
07/19/05	15.27			12.92	
10/03/05	15.57		12.62		
12/06/05	15.35		12.84		
03/15/06	12.65		15.54		
06/28/06	14.45		13.74		
08/31/06	15.37		12.82		
11/21/06	16.22		11.97		
02/12/07	16.12		12.07		
05/02/07	16.12		12.07		
08/09/07	16.85		11.34		
12/06/07		17.95		10.24	

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 Lim Family Property
 250 8th Street
 Oakland, CA

Well I.D.	Date of Measurement	Top of Casing Elevation (msl)	Depth to Water (feet)	Product Thickness (feet)	Groundwater Elevation (msl)	
MW-3	01/12/00	24.25	16.68	0.01	7.58*	
	04/24/00		15.58	0.15	8.79*	
	07/20/00		16.01	0.41	8.57*	
	10/24/00		16.95	0.21	7.47*	
	01/18/01		16.63	0.21	7.79*	
	04/05/01		15.16	0.23	9.27*	
	07/17/01		15.92	0.39	8.64*	
	10/25/01		16.26	0.38	8.29*	
	01/21/02		14.08	0.16	10.30*	
	04/11/02		14.59	0.54	10.09*	
	06/11/02		28.58	15.16	0.90	14.14*
	09/17/02			16.04	1.24	13.53*
	10/01/02			16.14	1.23	13.42*
	10/25/02	15.80		0.60	13.26*	
	11/12/02	15.87		0.47	13.09*	
	12/18/02	15.42		0.47	13.54*	
	03/25/03	16.11		1.14	13.38*	
	06/23/03	16.58		1.86	13.49*	
	09/26/03	16.11		0.66	13.00*	
	12/18/03	15.83		0.59	13.22*	
	03/12/04	14.51		1.21	15.04*	
	06/17/04	15.25		0.68	13.87*	
	09/17/04	16.14	0.96	13.21*		
	12/17/04	15.05	0.25	13.73*		
	01/13/05	13.40	0.45	15.54*		
	04/28/05	15.31	2.43	15.21*		
	07/19/05	16.29	1.67	13.63*		
	10/03/05	16.10	1.47	13.66*		
	12/06/05	15.04	1.7	14.48*		
	03/15/06	12.65	2.41	15.49*		
	06/28/06	13.55	2.61	16.16*		
	08/31/06	14.85	2.20	15.49*		
	11/21/06	16.05	1.10	13.41*		
02/12/07	15.96	0.35	12.90*			
05/02/07	15.11	0.09	13.54*			
08/09/07	15.83	0.09	12.82*			
12/06/07	18.10	0.50	10.88*			

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Well I.D.	Date of Measurement	Top of Casing Elevation (msl)	Depth to Water (feet)	Product Thickness (feet)	Groundwater Elevation (msl)	
MW-4	01/12/00	23.71	17.24		6.47	
	04/24/00		16.18		7.53	
	07/20/00		16.18		7.53	
	10/24/00		17.03		6.68	
	01/18/01		16.87		6.84	
	04/05/01		15.28		8.43	
	07/17/01		15.92		7.79	
	10/25/01		16.23		7.48	
	01/21/01		14.14		9.57	
	04/11/02		14.43		9.28	
	06/11/02		28.61	14.72		13.89
	09/17/02			15.29		13.32
	12/18/02			15.20		13.41
	03/25/03			15.53		13.08
	06/23/03			15.35		13.26
	09/26/03	15.91			12.70	
	12/18/03	15.63			12.98	
	03/12/04	13.88			14.73	
	06/17/04	15.03			13.58	
	09/17/04	15.61			13.00	
	12/17/04	15.32			13.29	
	04/28/05	13.82			14.79	
	07/19/05	15.44			13.17	
	10/03/05	15.91			12.70	
	12/06/05	15.71			12.90	
	03/15/06	13.05			15.56	
	06/28/06	14.49			14.12	
	08/31/06	15.75			12.86	
	11/21/06	16.70		11.91		
	02/12/07	16.51		12.10		
	05/02/07	16.51		12.10		
	08/09/07	17.17		11.44		
	12/06/07	18.08		10.53		

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Well I.D.	Date of Measurement	Top of Casing Elevation (msl)	Depth to Water (feet)	Product Thickness (feet)	Groundwater Elevation (msl)	
MW-5	06/11/02	28.40	14.23		14.17	
	09/17/02		14.80		13.60	
	12/18/02		15.08		13.32	
	03/25/03		15.31		13.09	
	06/23/03		15.16		13.24	
	09/26/03		15.72		12.68	
	12/18/03		15.47		12.93	
	03/12/04		13.44		14.96	
	06/17/04		14.90		13.50	
	09/17/04		15.45		12.95	
	12/17/04		15.12		13.28	
	04/28/05		13.63		14.77	
	07/19/05		15.67		12.73	
	10/03/05		15.81		12.59	
	12/06/05		15.60		12.80	
	03/15/06		12.81		15.59	
	06/28/06		15.21		13.19	
	08/31/06		15.55		12.85	
	11/21/06		17.09		11.31	
	02/12/07		16.29		12.11	
05/02/07	16.21		12.19			
08/09/07	16.97		11.43			
12/06/07	18.35		10.05			
MW-6	06/11/02	29.20	14.95		14.25	
	09/17/02		15.47		13.73	
	12/18/02		15.43		13.77	
	03/25/03		15.67		13.53	
	06/23/03		15.48		13.72	
	09/26/03		NOT MEASURED - SOUNDER MALFUNCTION			
	12/18/03		15.79		13.41	
	03/12/04		14.04		15.16	
	06/17/04		15.13		14.07	
	09/17/04		15.74		13.46	
	12/17/04		15.54		13.66	
	04/28/05		13.91		15.29	
	07/19/05		15.30		13.90	
	10/03/05		15.35		13.85	
	12/06/05		15.69		13.51	
	03/15/06		13.14		16.06	
	06/28/06		14.44		14.76	
	08/31/06		16.25		12.95	
	11/21/06		16.69		12.51	
	02/12/07		16.63		12.57	
05/02/07	16.57		12.63			
08/09/07	17.19		12.01			
12/06/07	17.95		11.25			

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Well I.D.	Date of Measurement	Top of Casing Elevation (msl)	Depth to Water (feet)	Product Thickness (feet)	Groundwater Elevation (msl)
MW-7	06/11/02	28.95	15.19		13.76
	09/17/02		15.73		13.22
	12/18/02	NOT MEASURED - CAR PARKED OVER WELL			
	03/25/03		15.96		12.99
	06/23/03		15.75		13.20
	09/26/03		16.29		12.66
	12/18/03		16.03		12.92
	03/12/04		14.28		14.67
	06/17/04		15.42		13.53
	09/17/04		16.02		12.93
	12/17/04		15.45		13.50
	04/28/05		14.15		14.80
	07/19/05		15.30		13.65
	10/03/05		16.25		12.70
	12/06/05		16.05		12.90
	03/15/06		13.36		15.59
	06/28/06		14.81		14.14
	08/31/06		16.13		12.82
	11/21/06		17.06		11.89
	02/12/07		16.97		11.98
05/02/07		16.93		12.02	
08/09/07		17.56		11.39	
12/06/07			18.32		10.63

Notes:

* = Adjusted for the presence of free-floating oil by the equation: Top of Casing Elevation - Depth to Water + (0.8 x Floating Hydrocarbon Thickness) = Groundwater Elevation (Adjusted).

Top of casing elevations resurveyed by Mid Coast Engineers on 6/27/02 and 7/11/02.

TABLE TWO
 Summary of Chemical Analysis of Groundwater Samples
 Petroleum Hydrocarbon Concentrations
 All results are in parts per billion

Well/ Date Sampled	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE
<u>MW-1</u>							
01/30/95	740	200	3	5	1	4	--
04/12/95	400	500	<0.5	<0.5	3	<2	--
07/14/95	520	400	1	<0.5	2	3	--
10/17/95	400	200	0.5	1	3	<2	--
01/12/96	120	890	<0.5	<0.5	<0.5	<1.0	<2.0
07/08/96	320	300	0.52	2.7	1.2	2.3	<5.0
01/06/97	110	75	<0.5	0.68	<0.5	<0.5	<5.0
07/08/97	380	290	<0.5	1.5	1.4	1.9	<5.0
01/26/98	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/23/98	190	<50	0.54	2.8	2	1.8	<5.0
01/05/99	200	<50	1.8	1.6	3.3	<0.5	<5.0
07/13/99	340	<50	<0.5	<0.5	2.6	<0.5	<5.0
01/12/00	300	1,000	22	36	5.5	24	<5.0
04/24/00	360	280*	<0.5	<0.5	<0.5	2.1	<5.0
07/20/00	290	150*	1.8	<0.5	<0.5	<0.5	<5.0
10/24/00	170**	280*	<0.5	<0.5	<0.5	<0.5	<5.0
01/18/01	170**	150*	<0.5	<0.5	<0.5	2.1	<5.0
04/05/01	350**	190*	<0.5	<0.5	<0.5	<0.5	<5.0
07/17/01	310	570	<0.5	<0.5	<0.5	<0.5	<5.0
10/25/01	250	280	<0.5	<0.5	<0.5	<0.5	<5.0
01/22/02	200	250	<0.5	<0.5	<0.5	<0.5	<5.0
04/11/02	260	300	<0.5	<0.5	<0.5	<0.5	<5.0
06/11/02	270	330	<0.5	<0.5	<0.5	<0.5	<5.0
09/17/02	320	1,700	<0.5	<0.5	<0.5	<0.5	<5.0
12/18/02	170	320	<0.5	<0.5	<0.5	<0.5	<5.0
03/25/03	320	<500	<0.5	<0.5	<0.5	<0.5	<5.0
06/23/03	240	310	<0.5	<0.5	<0.5	<0.5	<5.0
09/26/03	110	300	<0.5	<0.5	<0.5	<0.5	<0.5
12/18/03	150	340	<0.5	<0.5	<0.5	<0.5	<0.5
03/12/04	220	510	<0.5	<0.5	<0.5	<0.5	<0.5
06/17/04	250	490	<0.5	<0.5	<0.5	<0.5	<0.5
09/17/04	110	--	<0.5	<0.5	<0.5	<0.5	<0.5
11/10/04***	180	400	0.68	<0.5	1.7	<0.5	<5.0
12/17/04	77	130	<0.5	<0.5	<0.5	<0.5	<0.5
04/28/05	250	190	<0.5	<0.5	<0.5	<0.5	<0.5
07/19/05	340	na	<0.5	<0.5	<0.5	<0.5	<0.5
10/03/05	170	<100	<0.5	<0.5	<0.5	<0.5	<0.5
12/06/05	140	67	<0.5	<0.5	<0.5	<0.5	<5.0
03/15/06	170	<80	<0.5	<0.5	<0.5	<0.5	<0.5
06/28/06	230	130	<0.5	<0.5	<0.5	<0.5	<0.5
08/31/06	310	<200	<0.50	<0.50	<0.50	<0.50	<0.50
11/21/06	220	160	<0.50	<0.50	<0.50	<0.50	<0.50
02/23/07	140	120	<0.50	<0.50	<0.50	<0.50	<0.50
05/02/07	180	140	<0.50	<0.50	<0.50	<0.50	<0.50
08/09/07	130	120	<0.50	<0.50	<0.50	<0.50	<0.50
12/06/07	53	160	<0.50	<0.50	<0.50	<0.50	<0.50

TABLE TWO
 Summary of Chemical Analysis of Groundwater Samples
 Petroleum Hydrocarbon Concentrations
 All results are in parts per billion

Well/ Date Sampled	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE
<u>MW-2</u>							
01/30/95	88,000	800	19,000	18,000	2,400	10,000	--
04/12/95	110,000	990	21,000	28,000	2,800	14,000	--
07/14/95	120,000	5,000	20,000	25,000	3,200	15,000	--
10/17/95	190,000	4,000	15,000	26,000	4,900	23,000	--
01/12/96	32,000	2,600	10,000	8,000	1,100	4,800	< 2
07/08/96	110,000	2,500	20,000	18,000	2,500	12,000	< 500
01/06/97	230,000	37,000	11,000	19,000	4,300	20,000	< 1,200
07/08/97	91,000	35,000	16,000	20,000	2,700	13,000	< 1,000
01/26/98	50,000	11,000	12,000	12,000	1,600	6,700	< 250
07/23/98	50,000	8,100#	11,000	8,300	1,800	7,000	1,100
01/05/99	50,000	7,600#	12,000	12,000	2,300	9,600	1,300
07/13/99	73,000	8,500	11,000	13,000	2,200	9,800	< 500
01/12/00	63,000	11,000	10,000	12,000	1,800	7,800	< 500
04/24/00	76,000	23,000*	7,100	14,000	2,000	9,400	< 500
07/20/00	68,000	5,300#	11,000	14,000	2,300	11,000	< 1,000
10/24/00	48,000	6,400*	11,000	9,400	1,500	7,300	< 500
01/18/01	37,000	4,600*	6,900	5,600	1,200	5,300	< 500
04/05/01	59,000	4,600*	7,100	9,800	1,600	7,600	< 500
07/17/01	90,000	< 10,000	9,200	14,000	2,700	11,000	< 50
10/25/01	79,000	< 3,800	9,200	14,000	2,400	11,000	< 50
01/22/02	76,000	< 2,300	7,000	13,000	2,200	9,600	< 50
04/11/02	76,000	< 1,500	7,800	11,000	2,900	12,000	< 50
06/11/02	72,000	< 2,500	7,300	9,600	2,500	12,000	< 50
09/17/02	52,000	< 3,000	5,000	5,400	2,100	9,100	< 20
12/18/02	46,000	< 6,000	2,900	3,000	1,800	7,600	22
03/25/03	87,000	< 8,000	7,900	9,300	2,900	12,000	< 50
06/23/03	46,000	< 3000	7,800	4,000	1,900	6,600	< 50
09/26/03	52,000	< 3000	9,100	3,500	1,300	5,000	< 50
12/18/03	61,000	< 4,000	13,000	3,500	1,600	5,600	< 20
03/12/04	53,000	< 4,000	9,100	3,500	1,700	5,700	< 25
06/17/04	59,000	< 3,000	7,100	4,000	1,700	7,300	< 25
09/17/04	33,000	--	9,800	1,200	1,300	4,000	< 20
11/10/04***	44,000	3,600	13,000	4,400	1,600	6,000	< 1000
12/17/04	54,000	< 3,000	7,900	2,200	1,700	3,900	< 15
04/28/05	81,000	< 3,000	7,000	6,000	2,100	8,700	< 15
07/19/05	59,000	na	7,900	4,400	1,900	7,000	< 15
10/03/05	34,000	< 800	7,800	810	1,000	2,800	< 15
12/06/05	26,000	< 800	6,100	940	770	2,000	< 15
03/15/06	33,000	< 1,500	7,700	2,600	1,400	4,200	< 15
06/28/06	96,000	< 4,000	10,000	14,000	2,900	12,000	< 15
8/31/06	47,000	< 3,000	5,800	5,100	2,200	8,700	< 15
11/21/06	51,000	< 1,500	6,800	3,400	1,700	6,200	< 15
02/23/07	38,000	< 1,500	7,800	2,000	1,500	4,600	< 15
05/02/07	55,000	< 3,000	6,500	5,100	2,400	8,600	< 15
08/09/07	39,000	< 3,000	6,600	2,200	1,600	4,900	< 15
12/06/07	20,000	< 1,500	7,400	510	680	1,200	< 15

TABLE TWO
 Summary of Chemical Analysis of Groundwater Samples
 Petroleum Hydrocarbon Concentrations
 All results are in parts per billion

Well/ Date Sampled	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE
<u>MW-3</u>							
01/12/00	140,000	13,000*	22,000	19,000	2,400	11,000	< 500
04/24/00	240,000	700,000*	33,000/	52,000/	5,700/	28,000/	< 5,000
			35,000	87,000	18,000	84,000	
07/20/00							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
10/24/00							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
01/18/01							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
04/05/01							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
07/17/01							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
10/25/01							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
01/22/02							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
04/11/02							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
06/11/02							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
09/17/02							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
12/18/02							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
03/25/03							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
06/23/03							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
09/26/03							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
12/18/03							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
03/12/04							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
06/17/04							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
09/17/04							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
11/10/04							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
12/17/04							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
04/28/05							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
07/19/05							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
10/03/05							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
12/06/05							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
03/15/06							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
06/28/06							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
8/31/06							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
11/21/06							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
02/23/07							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
05/02/07							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
08/09/07							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS
12/06/07							NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS

TABLE TWO
 Summary of Chemical Analysis of Groundwater Samples
 Petroleum Hydrocarbon Concentrations
 All results are in parts per billion

Well/ Date Sampled	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE
<u>MW-4</u>							
01/12/00	99,000	7,900*	16,000	20,000	2,100	12,000	< 2,500
04/24/00	54,000	44,000*	3,400/ 4,500	13,000/ 20,000	1,800/ 2,800	8,800/ 14,000	< 1,300
07/20/00	8,000	3,500	9,200/ 11,000	20,000 22,000	2,500 3,400	12,000/ 13,000	< 1,000
10/24/00	98,000	8,000*	21,000	29,000	2,700	15,000	< 1,000
01/18/01	91,000	12,000	17,000/ 15,000	21,000/ 21,000	2,500/ 2,800	13,000/ 11,000	< 1,000 < 5,000
04/05/01	88,000	7,500*	6,900/ 3,200	18,000/ 9,000	2,500/ 1,300	12,000/ 6,400	< 1,000 < 500
07/17/01	95,000	< 3,000	8,000	16,000	2,900	11,000	49
10/25/01	89,000	< 2,200	9,300	18,000	2,400	12,000	66
01/22/02	80,000	< 2,300	4,600	15,000	2,500	11,000	< 50
04/11/02	90,000	< 900	6,600	18,000	2,800	12,000	55
06/25/02	110,000	< 3,000	10,000	20,000	2,900	13,000	< 100
09/17/02	110,000	< 3,000	9,600	21,000	2,800	13,000	< 100
12/18/02	97,000	< 4,000	8,000	20,000	2,600	12,000	< 50
03/25/03	97,000	< 7,500	7,600	22,000	2,500	12,000	< 100
06/23/03	100,000	< 3,000	9,600	22,000	3,300	15,000	< 100
09/26/03	110,000	< 4,000	9,300	17,000	2,100	10,000	< 50
12/18/03	110,000	< 2,000	8,900	19,000	2,500	12,000	< 25
03/12/04	96,000	< 4,000	6,500	18,000	2,700	12,000	< 40
06/17/04	110,000	< 4,000	10,000	20,000	2,900	13,000	< 50
09/17/04	78,000	--	9,300	15,000	2,400	11,000	< 50
11/10/04***	87,000	4,300	15,000	21,000	3,000	16,000	< 1300
12/17/04	88,000	< 3,000	8,500	16,000	2,800	12,000	< 25
04/28/05	110,000	< 3,000	7,800	14,000	2,200	10,000	< 25
07/19/05	90,000	na	10,000	13,000	2,300	10,000	< 40
10/03/05	68,000	< 800	9,400	4,000	1,800	8,700	23
12/06/05	81,000	< 1,500	8,900	7,200	2,200	9,500	< 20
03/15/06	68,000	< 3,000	7,300	14,000	2,500	10,000	< 20
06/28/06	61,000	< 3,000	8,500	4,100	2,600	11,000	< 20
08/31/06	68,000	< 2,000	9,500	9,600	2,500	12,000	< 20
11/21/06	68,000	< 1,500	9,000	5,000	2,000	9,300	< 20
02/23/07	90,000	< 2,000	11,000	11,000	2,800	12,000	< 20
05/02/07	56,000	< 2,000	7,300	6,300	2,500	11,000	< 15
08/09/07	52,000	< 2,000	7,600	2,600	2,100	8,400	< 15
12/06/07	60,000	< 2,000	13,000	2,000	2,800	11,000	< 15

TABLE TWO
 Summary of Chemical Analysis of Groundwater Samples
 Petroleum Hydrocarbon Concentrations
 All results are in parts per billion

Well/ Date Sampled	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE
<u>MW-5</u>							
06/11/02	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	2.8
09/17/02	< 50	110	< 0.5	< 0.5	< 0.5	< 0.5	4.8
12/18/02	< 50	140	< 0.5	< 0.5	< 0.5	< 0.5	1.8
03/25/03	< 50	130	< 0.5	< 0.5	< 0.5	< 0.5	7.4
06/23/03	< 50	390	< 0.5	< 0.5	< 0.5	< 0.5	17
09/26/03	< 50	700	< 0.5	< 0.5	< 0.5	< 0.5	21
12/18/03	< 50	550	< 0.5	< 0.5	< 0.5	< 0.5	16
03/12/04	< 50	490	< 0.5	< 0.5	< 0.5	< 0.5	9.1
06/17/04	< 50	510	< 0.5	< 0.5	< 0.5	< 0.5	9.8
09/17/04	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	5.5
11/10/04***	< 50	370	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
12/17/04	< 50	120	< 0.5	< 0.5	< 0.5	< 0.5	9.2
04/28/05	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	2.2
07/19/05	< 50	na	< 0.5	< 0.5	< 0.5	< 0.5	6.1
10/03/05	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	2.4
12/06/05	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
03/15/06	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	3.3
06/28/06	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	1.8
08/31/06	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	3.4
12/05/06	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	5.2
02/23/07	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	6.0
05/02/07	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	3.8
08/09/07	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	5.5
12/06/07	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	1.8
<u>MW-6</u>							
06/11/02	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	1.2
09/17/02	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	1.0
12/18/02	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	0.90
03/25/03	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
06/23/03	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
09/26/03	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
12/18/03	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
03/12/04	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
06/17/04	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
09/17/04	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
11/10/04***	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
12/17/04	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
04/28/05	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
07/19/05	< 50	na	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
10/03/05	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
12/06/05	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
03/15/06	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
06/28/06	< 50	< 50	< 0.5	< 0.5	< 0.5	0.65	< 0.5
08/31/06	< 50	< 50	< 0.50	2.4	0.90	4.0	< 0.50
11/21/06	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
02/23/07	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
05/02/07	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
08/09/07	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
12/06/07	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

TABLE TWO
 Summary of Chemical Analysis of Groundwater Samples
 Petroleum Hydrocarbon Concentrations
 All results are in parts per billion

Well/ Date Sampled	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE
MW-7							
06/25/02	38,000	< 2,000	890	5,100	1,200	5,200	< 20
09/17/02	26,000	< 2,000	590	3,600	880	4,000	< 20
12/18/02	NOT SAMPLED - CAR PARKED OVER WELL						
03/25/03	39,000	< 2,900	410	7,700	1,000	6,400	< 5.0
06/23/03	17,000	< 1,000	440	2,600	630	2,600	< 10
09/26/03	17,000	< 1,000	230	1,800	470	2,200	< 5.0
12/18/03	20,000	< 1,000	290	2,500	590	2,900	< 5.0
03/12/04	20,000	< 1,500	300	3,000	760	3,200	< 10
06/17/04	12,000	< 800	250	1,800	450	1,900	< 5.0
09/17/04	9,900	--	200	1,500	450	1,800	< 5.0
11/10/04***	20,000	1,900	550	4,200	920	4,000	< 5.00
12/17/04	14,000	< 800	220	1,700	530	2,000	< 3.0
04/28/05	13,000	< 300	84	1,000	660	2,200	< 2.5
07/19/05	16,000	na	170	1,800	540	2,200	< 2.5
10/03/05	7,400	< 200	140	710	350	1,100	< 0.50
12/06/05	22,000	< 600	240	2,300	800	3,400	< 5.0
03/15/06	3,800	< 200	4.6	160	120	620	< 0.50
06/28/06	6,400	< 500	19.0	340	490	940	< 0.90
08/31/06	20,000	< 600	160	2,200	1,300	3,500	< 2.5
11/21/06	21,000	< 1,000	240	2,500	880	3,400	< 5.0
02/23/07	10,000	< 200	150	1,300	580	2,400	< 2.5
05/02/07	26,000	< 1,000	300	2,400	1,800	6,700	< 2.5
08/09/07	13,000	< 800	250	800	1,000	3,000	< 2.5
12/06/07	9,600	< 1,000	160	850	530	2,000	< 2.5
ESL	100	100	1	40	30	20	5

Notes:

* = Hydrocarbons reported are in the early diesel range, and do not match the laboratory standard.

** = Hydrocarbons reported do not match the laboratory gasoline standard.

*** = Grab sample - Not purged

= Estimated concentration reported due to overlapping fuel pasterns.

/ = Results separated by a slash represent results from two different laboratory methods (8020/8260).

na = not analyzed

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

Most recent data in bold.

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

TABLE THREE
Groundwater Analytical Results
Oil & Grease and Volatile Organic Compounds
 All results are in parts per billion

Date Sampled & Compound Analyzed	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7
<u>7/8/97</u>							
Hydrocarbon Oil and Grease	-	< 1,000	-	-	-	-	-
Tetrachloroethane (PCE)	0.9	< 0.5	-	-	-	-	-
Other VOCs	< 0.5 - < 3	< 0.5 - < 3	-	-	-	-	-
<u>1/26/98</u>							
Hydrocarbon Oil and Grease	-	< 1,000	-	-	-	-	-
Trichloroethene	0.7	< 5.0	-	-	-	-	-
Tetrachloroethene	10	< 5.0	-	-	-	-	-
1,2-Dichloroethane	< 0.5	11	-	-	-	-	-
Other VOCs	< 0.5 - < 50	< 0.5 - < 50	-	-	-	-	-
<u>7/23/98</u>							
Hydrocarbon Oil and Grease	-	< 1,000	-	-	-	-	-
Tetrachloroethene	4	4.6	-	-	-	-	-
1,2-Dichloroethane	< 2	9.9	-	-	-	-	-
Other VOCs	< 2 - < 10	< 0.5 - < 5.0	-	-	-	-	-
<u>1/5/99</u>							
Hydrocarbon Oil and Grease	-	< 1,000	-	-	-	-	-
Tetrachloroethene	5.1	< 50	-	-	-	-	-
Trichloroethene	0.52	< 50	-	-	-	-	-
1,1,2,2-Tetrachloroethane	0.58	< 50	-	-	-	-	-
Chloroform	8.2	< 50	-	-	-	-	-
Other VOCs	< 0.5 - < 5	< 50 - < 500	-	-	-	-	-
<u>7/13/99</u>							
Hydrocarbon Oil and Grease	-	< 1,000	-	-	-	-	-
Tetrachloroethene	1.5	0.68	-	-	-	-	-
Chloroform	4.6	< 50	-	-	-	-	-
1,2-Dichloroethane	< 0.50	7.7	-	-	-	-	-
Other VOCs	< 0.5 - < 5	< 0.5 - < 500	-	-	-	-	-
<u>1/12/00</u>							
Hydrocarbon Oil and Grease	-	< 1,000	< 1,000	< 1,000	-	-	-
Tetrachloroethene	0.8	< 1.0	< 100	< 50	-	-	-
Chloroform	3.2	< 1.0	< 100	< 50	-	-	-
1,2-Dichloroethane	< 0.50	8.8	120	140	-	-	-
Acetone	-	-	25,000	6,400	-	-	-
Naphthalene	-	-	550	540	-	-	-
Isopropylbenzene	-	-	120	89	-	-	-
Other VOCs	< 0.5 - < 5.0	< 1.0 - < 4.0	< 100 - < 10,000	< 50 - < 5,000	-	-	-
<u>4/24/00</u>							
Hydrocarbon Oil and Grease	-	< 1,000	4,100	< 1,000	-	-	-
1,2-Dichloroethane	< 0.5	5.9	< 1,000	< 250	-	-	-
Naphthalene	-	-	3,800	590	-	-	-
Isopropylbenzene	-	-	1,200	< 250	-	-	-
Other VOCs	< 0.5 - < 5.0	< 5.0 - < 20	< 1,000 - < 100,000	< 250 - < 25,000	-	-	-
<u>7/20/00</u>							
Hydrocarbon Oil and Grease	-	< 1,000	-	< 1,000	-	-	-
Tetrachloroethene	0.59	< 5.0	FREE	< 200	-	-	-
Chloroform	2.1	< 5.0	PRODUCT	< 200	-	-	-
1,2-Dichloroethane	< 0.5	6.7	---	< 200	-	-	-
Acetone	-	-	NOT	< 20,000	-	-	-
Naphthalene	-	-	SAMPLED	730	-	-	-
Other VOCs	< 0.5 - < 20	< 5.0 - < 20	-	< 250 - < 20,000	-	-	-
<u>10/24/00</u>							
Hydrocarbon Oil and Grease	-	< 1,000	FREE	< 1,000	-	-	-
Tetrachloroethene	< 0.5	< 5.0	---	< 250	-	-	-
Chloroform	1.0	< 5.0	NOT	< 250	-	-	-
Other VOCs	< 0.5 - < 20	< 5.0 - < 20	SAMPLED	< 250 - < 25,000	-	-	-
<u>1/18/01</u>							
Hydrocarbon Oil and Grease	-	2,100	FREE	1,300	-	-	-
Tetrachloroethene	1.3	< 5.0	---	< 250	-	-	-
Chloroform	6.4	< 5.0	NOT	< 250	-	-	-
Other VOCs	< 0.5 - < 20	< 5.0 - < 20	SAMPLED	< 250 - < 25,000	-	-	-

TABLE THREE
Groundwater Analytical Results
Oil & Grease and Volatile Organic Compounds
 All results are in parts per billion

Date Sampled & Compound Analyzed	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7
<u>4/5/01</u>							
Hydrocarbon Oil and Grease	-	< 1.0	FREE	1,100.0	-	-	-
Tetrachloroethene	< 0.5	1.1	PRODUCT	< 50	-	-	-
1,2 dichloroethane	< 0.5	4.6	---	< 50	-	-	-
Trichloroethene	< 0.5	0.58	NOT	< 50	-	-	-
Naphthalene	-	-	---	320	-	-	-
Other VOCs	< 0.5 - < 2.0	< 5.0 - < 20	SAMPLED	< 50 - < 5,000	-	-	-
<u>7/17/01</u>							
Hydrocarbon Oil and Grease	-	< 500	FREE	< 500	-	-	-
Tetrachloroethene	-	-	PRODUCT	-	-	-	-
1,2 dichloroethane	< 0.5	< 50	---	69.0	-	-	-
Trichloroethene	-	-	NOT	-	-	-	-
Naphthalene	-	-	---	-	-	-	-
Other VOCs	-	-	SAMPLED	-	-	-	-
<u>10/25/01</u>							
Hydrocarbon Oil and Grease	-	< 5,000	FREE	< 5,000	-	-	-
1,2 dichloroethane	-	< 50	PRODUCT	72	-	-	-
1,2 dibromoethane	-	< 50	NOT	< 50	-	-	-
Other VOCs	-	-	SAMPLED	---	-	-	-
<u>1/22/02</u>							
Hydrocarbon Oil and Grease	-	< 5,000	FREE	< 5,000	-	-	-
1,2 dichloroethane	-	< 50	PRODUCT	< 50	-	-	-
1,2 dibromoethane	-	< 50	NOT	< 50	-	-	-
Other VOCs	-	-	SAMPLED	---	-	-	-
<u>6/11/02</u>							
Oil and Grease	-	1,100	FREE	-	< 1,000	< 1,000	-
1,2 dichloroethane	-	< 50	PRODUCT	-	< 0.5	< 0.5	-
1,2 dibromoethane	-	< 50	NOT	-	< 0.5	< 0.5	-
Other VOCs	-	-	SAMPLED	-	-	-	-
<u>6/25/02</u>							
Oil and Grease	-	-	FREE	1,400	-	-	< 1,000
1,2 dichloroethane	-	-	PRODUCT	< 100	-	-	< 20
1,2 dibromoethane	-	-	NOT	< 100	-	-	< 20
Other VOCs	-	-	SAMPLED	-	-	-	-
<u>9/17/02</u>							
Oil and Grease	-	< 1,000	FREE	< 1,000	< 1,000	< 1,000	< 1,000
1,2 dichloroethane	-	< 20	PRODUCT	< 100	< 0.50	< 0.50	< 20
1,2 dibromoethane	-	< 20	NOT	< 100	< 0.50	< 0.50	< 20
Other VOCs	-	-	SAMPLED	-	-	-	-
<u>12/18/02</u>							
Oil and Grease	-	1,200	FREE	< 1,000	< 1,000	< 1,000	CAR PARKED
1,2 dichloroethane	-	< 10	PRODUCT	< 50	< 0.50	< 0.50	OVER WELL
1,2 dibromoethane	-	< 10	NOT	< 50	< 0.50	< 0.50	NOT
Other VOCs	-	-	SAMPLED	-	-	-	SAMPLED
<u>3/25/03</u>							
Oil and Grease	-	< 1,000	FREE	< 1,000	< 1,000	< 1,000	< 1,000
1,2 dichloroethane	-	< 50	PRODUCT	< 100	< 0.50	< 0.50	< 2.5
1,2 dibromoethane	-	< 50	NOT	< 100	< 0.50	< 0.50	< 2.5
Other VOCs	-	-	SAMPLED	-	-	-	-
<u>6/23/03</u>							
Oil and Grease	-	< 1,000	FREE	< 1,000	< 1,000	< 1,000	< 1,000
1,2 dichloroethane	< 0.5	< 50	PRODUCT	< 100	< 0.50	< 0.50	< 10
1,2 dibromoethane	< 0.5	< 50	NOT	< 100	< 0.50	< 0.50	< 10
Other VOCs	-	-	SAMPLED	-	-	-	-
<u>9/26/03</u>							
Oil and Grease	-	< 1,000	FREE	< 1,000	< 1,000	< 1,000	< 1,000
1,2 dichloroethane	< 0.5	< 50	PRODUCT	87	< 0.50	< 0.50	< 5.0
1,2 dibromoethane	< 0.5	< 50	NOT	< 50	< 0.50	< 0.50	< 5.0
Other VOCs	-	-	SAMPLED	-	-	-	-
<u>12/18/03</u>							
Oil and Grease	-	-	FREE	-	-	-	-
1,2 dichloroethane	< 0.5	< 20	PRODUCT	46	< 0.50	< 0.50	< 5.0
1,2 dibromoethane	< 0.5	< 20	NOT	< 25	< 0.50	< 0.50	< 5.0
Other VOCs	-	-	SAMPLED	-	-	-	-

TABLE THREE
Groundwater Analytical Results
Oil & Grease and Volatile Organic Compounds
 All results are in parts per billion

Date Sampled & Compound Analyzed	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7
<u>3/12/04</u>							
Oil and Grease	-	-	FREE	-	-	-	-
1,2 dichloroethane	< 0.5	< 25	PRODUCT	< 40	< 0.50	< 0.50	< 10
1,2 dibromoethane	< 0.5	< 25	NOT	< 40	< 0.50	< 0.50	< 10
Other VOCs	-	-	SAMPLED	-	-	-	-
<u>6/17/04</u>							
Oil and Grease	-	-	FREE	-	-	-	-
1,2 dichloroethane	< 0.5	< 25	PRODUCT	93	< 0.50	< 0.50	< 5.0
1,2 dibromoethane	< 0.5	< 25	NOT	< 50	< 0.50	< 0.50	< 5.0
Other VOCs	-	-	SAMPLED	-	-	-	-
<u>9/17/04</u>							
Oil and Grease	-	-	FREE	-	-	-	-
1,2 dichloroethane	-	-	PRODUCT	-	-	-	-
1,2 dibromoethane	-	-	NOT	-	-	-	-
Other VOCs	-	-	SAMPLED	-	-	-	-
<u>12/17/04</u>							
Oil and Grease	-	-	FREE	-	-	-	-
1,2 dichloroethane	< 0.5	< 15	PRODUCT	53	< 0.50	< 0.50	< 3.0
1,2 dibromoethane	< 0.5	< 15	NOT	< 25	< 0.50	< 0.50	< 3.0
Other VOCs	-	-	SAMPLED	-	-	-	-
<u>4/28/05</u>							
Oil and Grease	-	-	FREE	-	-	-	-
1,2 dichloroethane	< 0.5	< 15	PRODUCT	46	< 0.50	< 0.50	< 2.5
1,2 dibromoethane	< 0.5	< 15	NOT	< 25	< 0.50	< 0.50	< 2.5
DIPE	0.67	90	SAMPLED	< 25	< 0.50	< 0.50	< 2.5
Other VOCs	< 0.5	< 15	-	< 25	< 0.50	< 0.50	< 2.5
<u>7/19/05</u>							
Oil and Grease	-	-	FREE	-	-	-	-
1,2 dichloroethane	< 0.5	< 15	PRODUCT	73	< 0.50	< 0.50	< 2.5
1,2 dibromoethane	< 0.5	< 15	NOT	< 40	< 0.50	< 0.50	< 2.5
DIPE	0.76	< 15	SAMPLED	< 20	2.1	< 0.50	< 2.5
TBA	< 5.0	77	-	< 20	< 5.0	< 5.0	< 5.0
Other VOCs	< 0.50	< 15	-	< 20	< 0.50	< 0.50	< 2.5
<u>10/3/05</u>							
Oil and Grease	-	-	-	-	-	-	-
1,2 dichloroethane	< 0.5	< 15	FREE	62	< 0.50	< 0.50	< 0.50
1,2 dibromoethane	< 0.5	< 15	PRODUCT	< 20	< 0.50	< 0.50	< 0.50
DIPE	< 0.5	< 15	NOT	23	1.7	< 0.50	< 0.50
TBA	< 5.0	< 70	SAMPLED	< 5.0	< 5.0	< 5.0	< 5.0
Other VOCs	< 0.5	< 15	-	< 20	< 0.50	< 0.50	< 0.50
<u>3/15/06</u>							
Oil and Grease	-	-	FREE	-	-	-	-
1,2 dichloroethane	< 0.5	< 15	PRODUCT	< 20	< 0.50	< 0.50	< 0.50
1,2 dibromoethane	< 0.5	< 15	NOT	< 20	< 0.50	< 0.50	< 0.50
Other VOCs	< 0.5	< 15	SAMPLED	< 20	< 0.50	< 0.50	< 0.50
<u>6/28/06</u>							
Oil and Grease	-	-	-	-	-	-	-
1,2 dichloroethane	< 0.5	33	FREE	20	< 0.50	< 0.50	< 0.90
1,2 dibromoethane	< 0.5	< 15	PRODUCT	< 20	< 0.50	< 0.50	< 0.90
TBA	< 5.0	< 5.0	NOT	< 5.0	< 5.0	< 5.0	< 5.0
Other VOCs	< 0.5	< 15	SAMPLED	< 20	< 0.50	< 0.50	< 0.90
<u>8/31/06</u>							
Oil and Grease	-	-	-	-	-	-	-
1,2 dichloroethane	< 0.50	< 15	FREE	36	< 0.50	< 0.50	< 2.5
1,2 dibromoethane	< 0.50	< 15	PRODUCT	< 20	< 0.50	< 0.50	< 2.5
DIPE	< 0.50	< 15	NOT	< 20	< 0.50	< 0.50	1.4
TBA	< 5.0	81	SAMPLED	< 5.0	< 5.0	< 5.0	< 15
Other VOCs	< 0.50	< 15	-	< 20	< 0.50	< 0.50	< 5.0
<u>11/21/06</u>							
Oil and Grease	-	-	-	-	-	-	-
1,2 dichloroethane	< 0.50	< 15	FREE	42	< 0.50	< 0.50	< 5.0
1,2 dibromoethane	< 0.50	< 15	PRODUCT	< 20	< 0.50	< 0.50	< 5.0
DIPE	< 0.50	< 15	NOT	< 20	1.7	< 0.50	< 5.0
TBA	< 5.0	92	SAMPLED	230	5.4	< 5.0	< 25
Other VOCs	< 0.50	< 15	-	< 20	< 0.50	< 0.50	< 5.0

TABLE THREE
Groundwater Analytical Results
Oil & Grease and Volatile Organic Compounds
 All results are in parts per billion

Date Sampled & Compound Analyzed	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7
<u>2/12/07</u>							
Oil and Grease	-	-	-	-	-	-	-
1,2 dichloroethane	< 0.50	< 15	FREE	36	< 0.50	< 0.50	< 2.5
1,2 dibromoethane	< 0.50	< 15	PRODUCT	< 20	< 0.50	< 0.50	< 2.5
DIPE	1.2	< 15	NOT	< 20	1.4	< 0.50	< 2.5
TBA	< 5.0	190	SAMPLED	290	< 5.0	< 5.0	< 15
Other VOCs	< 0.50	< 15	-	< 20	< 0.50	< 0.50	< 2.5
<u>5/2/07</u>							
Oil and Grease	-	-	-	-	-	-	-
1,2 dichloroethane	< 0.50	< 15	FREE	20	< 0.50	< 0.50	< 2.5
1,2 dibromoethane	< 0.50	< 15	PRODUCT	< 15	< 0.50	< 0.50	< 2.5
DIPE	1.3	< 15	NOT	< 15	1.3	< 0.50	< 2.5
TBA	< 5.0	110	SAMPLED	160	< 5.0	< 5.0	< 2.5
Other VOCs	< 0.50	< 15	-	< 15	< 0.50	< 0.50	< 2.5
<u>8/9/07</u>							
Oil and Grease	-	-	-	-	-	-	-
1,2 dichloroethane	< 0.50	< 15	FREE	31	< 0.50	< 0.50	< 2.5
1,2 dibromoethane	< 0.50	< 15	PRODUCT	< 15	< 0.50	< 0.50	< 2.5
DIPE	0.85	< 15	NOT	15	1.3	< 0.50	< 2.5
TBA	< 5.0	81	SAMPLED	170	< 5.0	< 5.0	< 15
Other VOCs	0.96 PCE	< 15	-	< 15	0.72 PCE	< 0.50	< 2.5
<u>12/6/07</u>							
Oil and Grease	-	-	-	-	-	-	-
1,2 dichloroethane	< 0.50	< 15	FREE	< 15	< 0.50	< 0.50	< 2.5
1,2 dibromoethane	< 0.50	< 15	PRODUCT	< 15	< 0.50	< 0.50	< 2.5
DIPE	< 0.50	< 15	NOT	22	1.5	< 0.50	< 2.5
TBA	< 5.0	120	SAMPLED	150	< 5.0	< 5.0	45
Other VOCs	< 0.50	< 15	-	< 15	< 0.50	< 0.50	< 2.5



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APPENDIX A

Well Sampling Field Log

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME LIMS

JOB NUMBER 2808 DATE OF SAMPLING 12-6-07

WELL ID. MW1 SAMPLER BIII D

TOTAL DEPTH OF WELL 26.80 WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 18.60

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 8.2

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 4.18

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAIWA (NDB)

TIME EVACUATION STARTED 11:50 TIME EVACUATION COMPLETED 1220

TIME SAMPLES WERE COLLECTED 12:30

DID WELL GO DRY NO AFTER HOW MANY GALLONS -

VOLUME OF GROUNDWATER PURGED 4.5

SAMPLING DEVICE NDB

SAMPLE COLOR _____ ODOR/SEDIMENT _____

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1 1/2	64.6	7.45	509
3	66.5	6.85	458
4.5	65.9	6.86	437

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PREPARED
MW-1	5	4 gal WA	8263 + 5015	✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME LIMS
 JOB NUMBER 2508 DATE OF SAMPLING 12-6-07
 WELL ID. MW-2 SAMPLER BILL D
 TOTAL DEPTH OF WELL 26.8 WELL DIAMETER 2'
 DEPTH TO WATER PRIOR TO PURGING 17.95
 PRODUCT THICKNESS 0
 DEPTH OF WELL CASING IN WATER 8.85
 NUMBER OF GALLONS PER WELL CASING VOLUME 1.50
 NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3
 REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 4.50
 EQUIPMENT USED TO PURGE WELL BAILER
 TIME EVACUATION STARTED 10:00 TIME EVACUATION COMPLETED 10:15
 TIME SAMPLES WERE COLLECTED 10:25
 DID WELL GO DRY NO AFTER HOW MANY GALLONS -
 VOLUME OF GROUNDWATER PURGED 4.5
 SAMPLING DEVICE NDS
 SAMPLE COLOR _____ ODOR/SEDIMENT _____

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1.5	62.1	7.10	687
3.0	65.4	6.85	647
4.5	62.9	7.04	629

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PP
MW-2	5	4one 10.4	82600 + 8015	✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME LIMS

JOB NUMBER 2508

DATE OF SAMPLING 12-6-07

WELL ID. MW-3

SAMPLER BD

TOTAL DEPTH OF WELL 16.05

WELL DIAMETER 2'

DEPTH TO WATER PRIOR TO PURGING

18.10 - 17.60 Product

PRODUCT THICKNESS ~~1.0~~ .50

DEPTH OF WELL CASING IN WATER

NUMBER OF GALLONS PER WELL CASING VOLUME

NUMBER OF WELL CASING VOLUMES TO BE REMOVED

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING

EQUIPMENT USED TO PURGE WELL

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

NO SAMPLE Free Product

VOLUME PURGED

TEMPERATURE

PH

CONDUCTIVITY

SAMPLES COLLECTED

SAMPLE

OF CONTAINERS

SIZE AND TYPE OF CONTAINER

ANALYSIS

PREPARED BY

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME LIMS

JOB NUMBER 2808 DATE OF SAMPLING 12-6-07

WELL ID. MW-4 SAMPLER BILL D

TOTAL DEPTH OF WELL 21.80 WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 18.08

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 3.72

NUMBER OF GALLONS PER WELL CASING VOLUME .063

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 1.8

EQUIPMENT USED TO PURGE WELL BAILER

TIME EVACUATION STARTED 815 TIME EVACUATION COMPLETED 820

TIME SAMPLES WERE COLLECTED 830

DID WELL GO DRY yes AFTER HOW MANY GALLONS 1.5

VOLUME OF GROUNDWATER PURGED .5

SAMPLING DEVICE NDB

SAMPLE COLOR _____ ODOR/SEDIMENT _____

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
<u>1</u>	<u>65.5</u>	<u>6.85</u>	<u>695</u>

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
<u>MW-4</u>	<u>40ml VOA</u>	<u>↔ 5</u>	<u>820033 8/15</u>	<u>✓</u>

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME LIMS

JOB NUMBER 2808 DATE OF SAMPLING 12-6-07

WELL ID. MW-5 SAMPLER Biu 0

TOTAL DEPTH OF WELL 29.6 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 18.35

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 11.25

NUMBER OF GALLONS PER WELL CASING VOLUME 1.91

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 5.7

EQUIPMENT USED TO PURGE WELL BAILER

TIME EVACUATION STARTED 9:15 TIME EVACUATION COMPLETED 9:28

TIME SAMPLES WERE COLLECTED 9:38

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 6

SAMPLING DEVICE BAILER

SAMPLE COLOR TAN ODOR/SEDIMENT

CHEMICAL DATA

*New
CAP*

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
2	64.3	7.85	475 475
4	60.3	7.28	505
6	60.0	7.49	459

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-5	5	4 gal w.r	82603 + 8015	✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME LIM'S

JOB NUMBER 2808

DATE OF SAMPLING 12-6-07

WELL ID. MW-6

SAMPLER Bill D

TOTAL DEPTH OF WELL 29.5

WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 17.95

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 11.55

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 11:05

TIME EVACUATION COMPLETED 11:20

TIME SAMPLES WERE COLLECTED 11:30

DID WELL GO DRY NO

AFTER HOW MANY GALLONS

VOLUME OF GROUNDWATER PURGED 5.8

SAMPLING DEVICE NDB

SAMPLE COLOR

ODOR/SEDIMENT

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
<u>2</u>	<u>65.3</u>	<u>7.62</u>	<u>324</u>
<u>4</u>	<u>63.1</u>	<u>7.38</u>	<u>283</u>
<u>6</u>	<u>63.2</u>	<u>7.49</u>	<u>260</u>

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PREPARED
<u>MW-6</u>	<u>5</u>	<u>40 ml Vials</u>	<u>Specs & filter</u>	<input checked="" type="checkbox"/>

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME LIM Property

JOB NUMBER MW-7

DATE OF SAMPLING 12-6-07

WELL ID. 2505

SAMPLER Bill D

TOTAL DEPTH OF WELL 28.00

WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 18.32

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 9.68

NUMBER OF GALLONS PER WELL CASING VOLUME 1.64

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 4.93

EQUIPMENT USED TO PURGE WELL BAILER

TIME EVACUATION STARTED 7:30

TIME EVACUATION COMPLETED 7:50

TIME SAMPLES WERE COLLECTED 7:45

DID WELL GO DRY NO

AFTER HOW MANY GALLONS

VOLUME OF GROUNDWATER PURGED 6

SAMPLING DEVICE NDB

SAMPLE COLOR Grey

ODOR SEDIMENT

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
2	64.5	7.99	405
4	64.1	7.64	754
6	63.2	7.54	313

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
<u>MW-7</u>	<u>5</u>	<u>40 ml vials</u>	<u>SR608 & 505</u>	<u>✓</u>



Aqua Science Engineers, Inc. 55 Oak Court, Suite 220, Danville, CA 94526
(925) 820-9391 - Fax (925) 837-4853 - www.aquascienceengineers.com

APPENDIX B

Certified Analytical Report
and
Chain of Custody Documentation



Report Number : 60002

Date : 12/14/2007

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

Subject : 6 Water Samples
Project Name : LIM
Project Number : 2808

Dear Mr. Allen,

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

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

Sincerely,

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

Joel Kiff

Subject : 6 Water Samples
Project Name : LIM
Project Number : 2808

Case Narrative

Matrix Spike/Matrix Spike Duplicate Results associated with samples MW-7, MW-2 and MW-5 for the analyte Benzene were affected by the analyte concentrations already present in the un-spiked sample.

Approved By: _____



Joel Kiff

Project Name : **LIM**

Project Number : **2808**


Sample : **MW-1**

Matrix : Water

Lab Number : 60002-01

Sample Date :12/6/2007

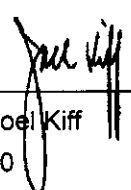
Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/12/2007
TPH as Gasoline	53	50	ug/L	EPA 8260B	12/12/2007
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	12/12/2007
4-Bromofluorobenzene (Surr)	96.7		% Recovery	EPA 8260B	12/12/2007
1,2-Dichloroethane-d4 (Surr)	104		% Recovery	EPA 8260B	12/12/2007
TPH as Diesel (Silica Gel)	160	50	ug/L	M EPA 8015	12/12/2007
Octacosane (Diesel Silica Gel Surr)	106		% Recovery	M EPA 8015	12/12/2007

Approved By:  Joel Kiff

Project Name : **LIM**
 Project Number : **2808**

Sample : **MW-2** Matrix : Water Lab Number : 60002-02
 Sample Date : 12/6/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	7400	15	ug/L	EPA 8260B	12/11/2007
Toluene	510	15	ug/L	EPA 8260B	12/11/2007
Ethylbenzene	680	15	ug/L	EPA 8260B	12/11/2007
Total Xylenes	1200	15	ug/L	EPA 8260B	12/11/2007
Methyl-t-butyl ether (MTBE)	< 15	15	ug/L	EPA 8260B	12/11/2007
Diisopropyl ether (DIPE)	< 15	15	ug/L	EPA 8260B	12/11/2007
Ethyl-t-butyl ether (ETBE)	< 15	15	ug/L	EPA 8260B	12/11/2007
Tert-amyl methyl ether (TAME)	< 15	15	ug/L	EPA 8260B	12/11/2007
Tert-Butanol	120	70	ug/L	EPA 8260B	12/11/2007
TPH as Gasoline	20000	1500	ug/L	EPA 8260B	12/11/2007
1,2-Dichloroethane	< 15	15	ug/L	EPA 8260B	12/11/2007
1,2-Dibromoethane	< 15	15	ug/L	EPA 8260B	12/11/2007
Toluene - d8 (Surr)	98.2		% Recovery	EPA 8260B	12/11/2007
4-Bromofluorobenzene (Surr)	97.9		% Recovery	EPA 8260B	12/11/2007
1,2-Dichloroethane-d4 (Surr)	97.4		% Recovery	EPA 8260B	12/11/2007
TPH as Diesel (Silica Gel)	< 1500	1500	ug/L	M EPA 8015	12/13/2007
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Silica Gel Surr)	113		% Recovery	M EPA 8015	12/13/2007

Approved By:  Joel Kiff

Project Name : **LIM**

Project Number : **2808**

Sample : **MW-4**

Matrix : Water

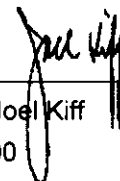
Lab Number : 60002-03

Sample Date :12/6/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	13000	25	ug/L	EPA 8260B	12/12/2007
Toluene	2000	15	ug/L	EPA 8260B	12/11/2007
Ethylbenzene	2800	15	ug/L	EPA 8260B	12/11/2007
Total Xylenes	11000	15	ug/L	EPA 8260B	12/11/2007
Methyl-t-butyl ether (MTBE)	< 15	15	ug/L	EPA 8260B	12/11/2007
Diisopropyl ether (DIPE)	22	15	ug/L	EPA 8260B	12/11/2007
Ethyl-t-butyl ether (ETBE)	< 15	15	ug/L	EPA 8260B	12/11/2007
Tert-amyl methyl ether (TAME)	< 15	15	ug/L	EPA 8260B	12/11/2007
Tert-Butanol	150	70	ug/L	EPA 8260B	12/11/2007
TPH as Gasoline	60000	1500	ug/L	EPA 8260B	12/11/2007
1,2-Dichloroethane	< 15	15	ug/L	EPA 8260B	12/11/2007
1,2-Dibromoethane	< 15	15	ug/L	EPA 8260B	12/11/2007
Toluene - d8 (Surr)	96.7		% Recovery	EPA 8260B	12/11/2007
4-Bromofluorobenzene (Surr)	96.6		% Recovery	EPA 8260B	12/11/2007
1,2-Dichloroethane-d4 (Surr)	92.5		% Recovery	EPA 8260B	12/11/2007
TPH as Diesel (Silica Gel)	< 2000	2000	ug/L	M EPA 8015	12/12/2007
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Silica Gel Surr)	110		% Recovery	M EPA 8015	12/12/2007

Approved By:


Joel Kiff



Project Name : **LIM**
 Project Number : **2808**

Sample : **MW-5** Matrix : Water Lab Number : 60002-04
 Sample Date : 12/6/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Methyl-t-butyl ether (MTBE)	1.8	0.50	ug/L	EPA 8260B	12/11/2007
Diisopropyl ether (DIPE)	1.5	0.50	ug/L	EPA 8260B	12/11/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/11/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/11/2007
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Toluene - d8 (Surr)	98.1		% Recovery	EPA 8260B	12/11/2007
4-Bromofluorobenzene (Surr)	97.2		% Recovery	EPA 8260B	12/11/2007
1,2-Dichloroethane-d4 (Surr)	99.6		% Recovery	EPA 8260B	12/11/2007
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	12/12/2007
Octacosane (Diesel Silica Gel Surr)	102		% Recovery	M EPA 8015	12/12/2007

Approved By:  Joel Kiff

Project Name : **LIM**

Project Number : **2808**

Sample : **MW-6**

Matrix : Water

Lab Number : 60002-05

Sample Date :12/6/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/11/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/11/2007
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	12/11/2007
4-Bromofluorobenzene (Surr)	99.8		% Recovery	EPA 8260B	12/11/2007
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	12/11/2007
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	12/12/2007
Octacosane (Diesel Silica Gel Surr)	104		% Recovery	M EPA 8015	12/12/2007

Approved By:

Joel Kiff

Project Name : **LIM**

Project Number : **2808**

Sample : **MW-7**

Matrix : Water

Lab Number : 60002-06

Sample Date :12/6/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	160	2.5	ug/L	EPA 8260B	12/11/2007
Toluene	850	2.5	ug/L	EPA 8260B	12/11/2007
Ethylbenzene	530	2.5	ug/L	EPA 8260B	12/11/2007
Total Xylenes	2000	2.5	ug/L	EPA 8260B	12/11/2007
Methyl-t-butyl ether (MTBE)	< 2.5	2.5	ug/L	EPA 8260B	12/11/2007
Diisopropyl ether (DIPE)	< 2.5	2.5	ug/L	EPA 8260B	12/11/2007
Ethyl-t-butyl ether (ETBE)	< 2.5	2.5	ug/L	EPA 8260B	12/11/2007
Tert-amyl methyl ether (TAME)	< 2.5	2.5	ug/L	EPA 8260B	12/11/2007
Tert-Butanol	45	15	ug/L	EPA 8260B	12/11/2007
TPH as Gasoline	9600	250	ug/L	EPA 8260B	12/11/2007
1,2-Dichloroethane	< 2.5	2.5	ug/L	EPA 8260B	12/11/2007
1,2-Dibromoethane	< 2.5	2.5	ug/L	EPA 8260B	12/11/2007
Toluene - d8 (Surr)	97.6		% Recovery	EPA 8260B	12/11/2007
4-Bromofluorobenzene (Surr)	97.1		% Recovery	EPA 8260B	12/11/2007
1,2-Dichloroethane-d4 (Surr)	95.8		% Recovery	EPA 8260B	12/11/2007
TPH as Diesel (Silica Gel)	< 1000	1000	ug/L	M EPA 8015	12/14/2007
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Silica Gel Surr)	85.8		% Recovery	M EPA 8015	12/14/2007

Approved By:

Joel Kiff

QC Report : Method Blank Data

Project Name : LIM

Project Number : 2808

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	12/12/2007
Octacosane (Diesel Silica Gel Surr)	98.0		%	M EPA 8015	12/12/2007
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/10/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/10/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/10/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/10/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/10/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/10/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/10/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/10/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/10/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/10/2007
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	12/10/2007
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	12/10/2007
Toluene - d8 (Surr)	97.2		%	EPA 8260B	12/10/2007
4-Bromofluorobenzene (Surr)	97.9		%	EPA 8260B	12/10/2007
1,2-Dichloroethane-d4 (Surr)	93.7		%	EPA 8260B	12/10/2007
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/10/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/11/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/11/2007
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Toluene - d8 (Surr)	102		%	EPA 8260B	12/11/2007
4-Bromofluorobenzene (Surr)	95.4		%	EPA 8260B	12/11/2007
1,2-Dichloroethane-d4 (Surr)	100		%	EPA 8260B	12/11/2007
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/11/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/11/2007
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Toluene - d8 (Surr)	100		%	EPA 8260B	12/11/2007
4-Bromofluorobenzene (Surr)	99.4		%	EPA 8260B	12/11/2007
1,2-Dichloroethane-d4 (Surr)	99.4		%	EPA 8260B	12/11/2007

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 : LIM

Project Number : 2808

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	60025-01	200	38.8	39.8	222	213	ug/L	EPA 8260B	12/10/07	55.2	30.6	57.2	70-130	25
Toluene	60025-01	1.7	38.8	39.8	37.0	37.5	ug/L	EPA 8260B	12/10/07	91.0	89.8	1.39	70-130	25
Tert-Butanol	60025-01	16	194	199	207	221	ug/L	EPA 8260B	12/10/07	98.4	102	4.11	70-130	25
Methyl-t-Butyl Ether	60025-01	<0.50	38.8	39.8	33.4	33.4	ug/L	EPA 8260B	12/10/07	86.1	84.0	2.50	70-130	25
Benzene	60009-05	0.54	39.5	39.5	39.9	39.6	ug/L	EPA 8260B	12/10/07	99.5	98.9	0.585	70-130	25
Toluene	60009-05	1.5	39.5	39.5	40.6	40.4	ug/L	EPA 8260B	12/10/07	99.0	98.4	0.546	70-130	25
Tert-Butanol	60009-05	48	198	198	240	245	ug/L	EPA 8260B	12/10/07	96.8	99.7	2.87	70-130	25
Methyl-t-Butyl Ether	60009-05	7.6	39.5	39.5	44.0	44.0	ug/L	EPA 8260B	12/10/07	92.4	92.1	0.301	70-130	25
Benzene	60017-05	<0.50	40.0	40.0	39.7	38.5	ug/L	EPA 8260B	12/11/07	99.2	96.2	3.09	70-130	25
Toluene	60017-05	<0.50	40.0	40.0	39.1	37.8	ug/L	EPA 8260B	12/11/07	97.8	94.5	3.47	70-130	25
Tert-Butanol	60017-05	<5.0	200	200	189	180	ug/L	EPA 8260B	12/11/07	94.7	90.1	4.94	70-130	25
Methyl-t-Butyl Ether	60017-05	<0.50	40.0	40.0	37.3	36.8	ug/L	EPA 8260B	12/11/07	93.3	92.1	1.32	70-130	25
Benzene	60017-08	0.96	40.0	40.0	37.4	36.9	ug/L	EPA 8260B	12/11/07	91.1	89.8	1.39	70-130	25
Toluene	60017-08	<0.50	40.0	40.0	36.7	36.1	ug/L	EPA 8260B	12/11/07	91.8	90.2	1.69	70-130	25
Tert-Butanol	60017-08	<5.0	200	200	192	195	ug/L	EPA 8260B	12/11/07	96.1	97.4	1.30	70-130	25
Methyl-t-Butyl Ether	60017-08	1.9	40.0	40.0	37.6	36.9	ug/L	EPA 8260B	12/11/07	89.3	87.5	2.02	70-130	25
TPH-D (Si Gel)	Blank	<50	1000	1000	942	976	ug/L	M EPA 8015	12/12/07	94.2	97.6	3.62	70-130	25

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 : LIM

Project Number : 2808

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	12/10/07	92.5	70-130
Toluene	40.0	ug/L	EPA 8260B	12/10/07	91.4	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/10/07	99.4	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/10/07	84.7	70-130
Benzene	40.0	ug/L	EPA 8260B	12/10/07	96.5	70-130
Toluene	40.0	ug/L	EPA 8260B	12/10/07	95.8	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/10/07	95.8	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/10/07	90.6	70-130
Benzene	40.0	ug/L	EPA 8260B	12/11/07	102	70-130
Toluene	40.0	ug/L	EPA 8260B	12/11/07	104	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/11/07	103	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/11/07	95.1	70-130
Benzene	40.0	ug/L	EPA 8260B	12/11/07	99.1	70-130
Toluene	40.0	ug/L	EPA 8260B	12/11/07	102	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/11/07	106	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/11/07	101	70-130

KIFF ANALYTICAL, LLC

Approved By:



 Joel Kiff

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

Chain of Custody 60002

PAGE 1 OF 1

SAMPLER (SIGNATURE) Bill DeBord PROJECT NAME LIM JOB NO. 2808
 ADDRESS 250 8th St, Oakland

ANALYSIS REQUEST						TPH-DIESEL (EPA 3510/8015)	TPH-DIESEL & MOTOR OIL (EPA 3510/8015)	VOLATILE ORGANICS (EPA 624/8240/8260)	SEMI-VOLATILE ORGANICS (EPA 625/8270)	OIL & GREASE (EPA 5520)	LUFT METALS (5) (EPA 6010+7000)	CAM17 METALS (EPA 6010+7000)	PCBs & PESTICIDES (EPA 608/8080)	ORGANOPHOSPHORUS PESTICIDES (EPA 8140 EPA 608/8080)	FUEL OXYGENATES (EPA 8260)	Pb (TOTAL or DISSOLVED) (EPA 6010)	PURGEABLE HALOCARBONS (EPA 601/8010)	MULTI-RANGE HYDROCARBONS	SILICA-GEL CLEANUP	HOLD
MW-1	12-6-02	1230	W	5	X	X													X	
MW-2	}	625			X	X													X	
MW-4		830			X	X													X	
MW-5		938			X	X													X	
MW-6		1130			X	X													X	
MW-7		745			X	X													X	

RELINQUISHED BY: <u>Bill DeBord</u> (signature) (time) 1215	RECEIVED BY: <u>[Signature]</u> (signature) (time)	RELINQUISHED BY: <u>[Signature]</u> (signature) (time)	RECEIVED BY LABORATORY: <u>Timothy Boomer</u> 1215 (signature) (time)	COMMENTS:
<u>Bill DEBORD</u> (printed name) (date) 120707	<u>[Signature]</u> (printed name) (date)	<u>[Signature]</u> (printed name) (date)	<u>Timothy Boomer</u> 120707 (printed name) (date)	
Company-ASE, INC.	Company-	Company-	Company- <u>Kiff Analytical</u>	TURN AROUND TIME <u>STANDARD</u> 24Hr 48Hr 72Hr OTHER:

0
02
03
04
05
06