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aqua science engineers inc.

May 25, 2005

QUARTERLY GROUNDWATER MONITORING REPORT
APRIL 2005 GROUNDWATER SAMPLING
at
Lim Family Property
250 8th Street
Oakland, California

Submitted by:
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ENVIRONMENTAL HEALTH SERVICES

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 April 28, 2005, 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 2.43-feet of free-floating hydrocarbons. 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. Injection wells IW-1 through IW-5 were obstructed by parked cars and could not be gauged. 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 0.01 feet/foot during this quarterly sampling period. The gradient and flow direction are consistent with previous findings.

3.0 MONITORING WELL SAMPLING

On April 28, 2005, ASE collected groundwater samples from monitoring wells MW-1, MW-2, and MW-4 through MW-7 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.

4.0 ANALYTICAL RESULTS FOR GROUNDWATER

All groundwater samples were analyzed by KIFF for total petroleum hydrocarbons as diesel (TPH-D) by modified EPA Method 3510/8015M, total petroleum hydrocarbons as gasoline (TPH-G), benzene, toluene, ethyl benzene, total xylenes (collectively known as BTEX), lead scavengers, and methyl tertiary butyl ether (MTBE) by EPA Method 8260B. 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

Overall, the dissolved hydrocarbon concentrations are consistent with previous analytical results and remain extremely elevated in downgradient monitoring wells MW-2, MW-3, MW-4, and MW-7. The TPH-G and BTEX concentrations in groundwater samples collected from monitoring wells MW-2, MW-4, and MW-7 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 July 2003. Monitoring well MW-3 contained 2.43 feet of free-floating hydrocarbons, which is up significantly from last quarter.

6.0 RECOMMENDATIONS

ASE prepared a report dated January 10, 2005 detailing the Dual Phase Extraction interim remediation activities performed at the site in 2004, and provided a corrective action plan for future remedial options. This report proposed a second dual phase extraction event as an additional interim remedial measure, to be followed by the installation of a permanent remediation system. To this date, ASE and our client are awaiting approval by the Alameda County Health Care Services Agency (ACHCSA). ASE recommends continued quarterly groundwater monitoring at the site. The next sampling event is scheduled for June 2004.

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.

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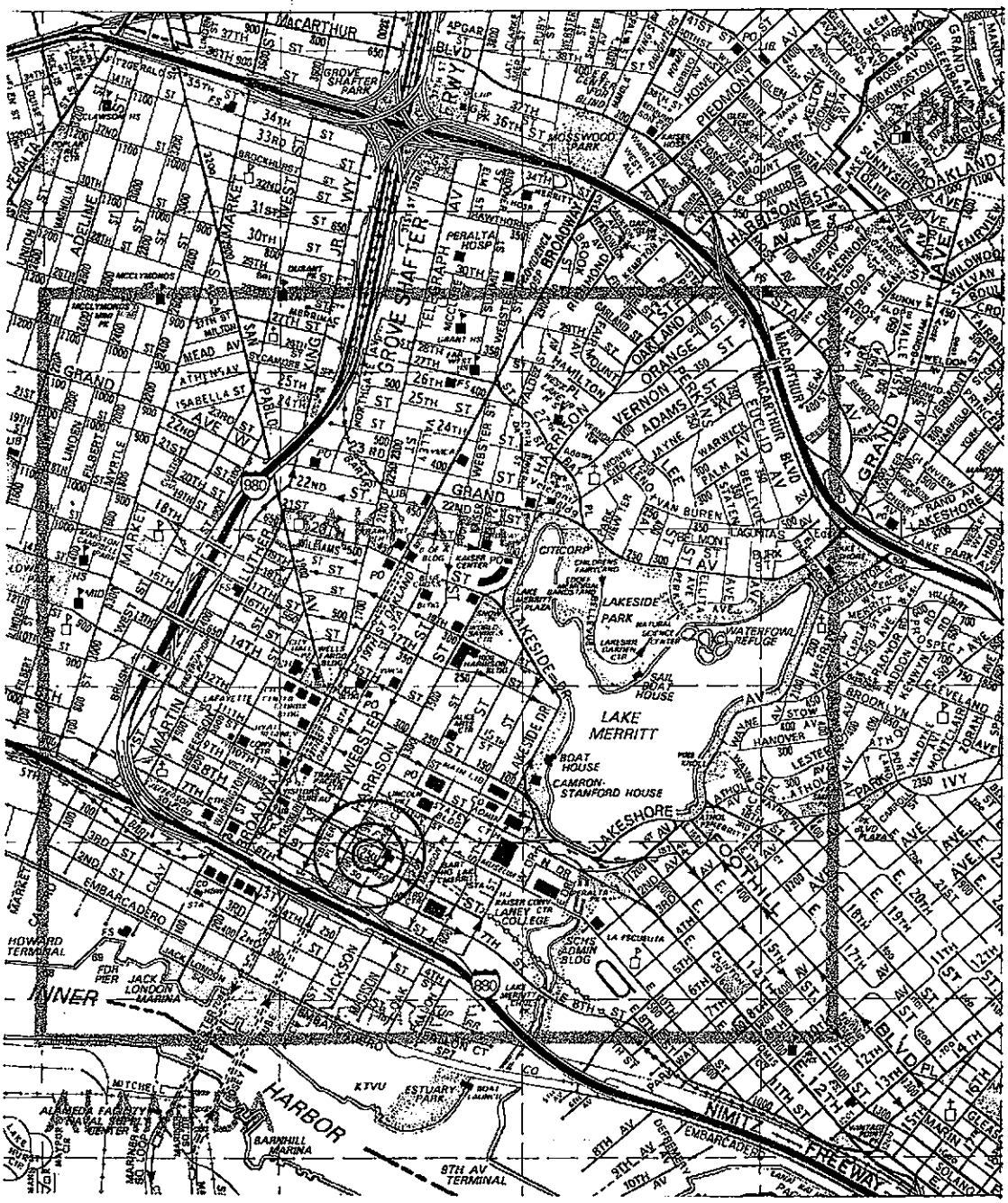
Attachments: Figures 1 and 2
Tables One, Two, and Three
Appendices A and B

cc: Mr. Barney Chan, ACHCSA
Mr. Chuck Headlee, RWQCB, San Francisco Bay Region



SITE LOCATION MAP

Lim Property
250 8th Street
Oakland, California

Aqua Science Engineers | Figure 1

BASE: The Thomas Guide, Alameda and Contra Costa Counties Street Guide & Directory, 1990

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		14.39
	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

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		14.13
	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

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-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*

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-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

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-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
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
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

TABLE ONE
Groundwater Elevation Data
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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)
IW-1	07/13/99	24.05	14.75		9.30
	06/11/02	28.33			
	10/25/04		15.07		13.26
	01/13/05		13.12		15.21
IW-2	07/13/99	24.21	15.10		9.11
	06/11/02	28.50			
	10/25/04		15.21		13.29
	01/13/05		13.27		15.23
IW-3	07/13/99	23.93	15.00		8.93
	06/11/02	28.14			
	10/25/04		14.73		13.41
	01/13/05		12.87		15.27
IW-4	07/13/99	23.83	Unknown		Unknown
	06/11/02	28.24			
	10/25/04		14.57		13.67
	01/13/05		12.93		15.31
IW-5	07/13/99	24.00	15.50	1.00	9.55*
	07/23/99		15.52	1.05	9.32*
	08/03/99		15.58	0.64	8.93*
	08/17/99		15.62	0.86	9.07*
	08/27/99		15.92	0.77	8.70*
	09/10/99		15.82	0.56	8.63*
	09/24/99		15.57	0.26	8.64*
	10/08/99		15.56	0.23	8.62*
	11/02/99		15.59	0.22	8.59*
	11/19/99		15.64	0.07	8.42*
	12/16/99		16.12	0.64	8.39*
	01/12/00		16.54	0.28	7.68*
	06/11/02	28.32			
	10/25/04		15.92	1.33	13.46*
	01/13/05		13.05		15.27

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
MW-1							
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	260	<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

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-2							
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

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-3							
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/ 35,000	52,000/ 87,000	5,700/ 18,000	28,000/ 84,000	<5,000
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 (2.43-feet)						

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-4							
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
MW-5							
06/11/02	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	28
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

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-6							
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
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	< 500
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
ESL	500	640	46	130	290	13	1,800

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 patterns.

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

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

Most recent data in bold.

ESL = Environmental screening levels presented in the "Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater (July 2003)" 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
7/18/97							
Hydrocarbon Oil and Grease	-	< 1,000	-	-	-	-	-
Tetrachloroethane (PCE)	0.9	< 0.5	-	-	-	-	-
Other VOCs	< 0.5 - < 3	< 0.5 - < 3	-	-	-	-	-
1/26/98							
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	-	-	-	-	-
7/23/98							
Hydrocarbon Oil and Grease	-	< 1,000	-	-	-	-	-
Tetrachloroethene	4	4.6	-	-	-	-	-
1,2-Dichloroethane	< 2	9.9	-	-	-	-	-
Other VOCs	< 2 - < 10	< 0.5 - < 5.0	-	-	-	-	-
1/5/99							
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	-	-	-	-	-
7/13/99							
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	-	-	-	-	-
1/12/00							
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	-	-	-

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
4/24/00							
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	-	-	-
7/20/00							
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	-	-	-
10/24/00			FREE				
Hydrocarbon Oil and Grease	-	< 1,000	PRODUCT	< 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	-	-	-
1/18/01			FREE				
Hydrocarbon Oil and Grease	-	2,100	PRODUCT	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	-	-	-
4/5/01							
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	-	-	-
7/17/01							
Hydrocarbon Oil and Grease	-	< 500	FREE	< 500	-	-	-
Tetrachloroethene	-	-	PRODUCT	-	-	-	-
1,2 dichloroethane	< 0.5	< 50	---	69.0	-	-	-
Trichloroethene	-	-	NOT	-	-	-	-
Naphthalene	-	-	---	-	-	-	-
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
10/25/01							
Hydrocarbon Oil and Grease	-	< 5,000	FREE	< 5,000	-	-	-
1,2 dichloroethane	-	< 50	PRODUCT	72	-	-	-
1,2 dibromoethane	-	< 50	NOT	< 50	-	-	-
Other VOCs	-	-	SAMPLED	---	-	-	-
1/22/02							
Hydrocarbon Oil and Grease	-	< 5,000	FREE	< 5,000	-	-	-
1,2 dichloroethane	-	< 50	PRODUCT	< 50	-	-	-
1,2 dibromoethane	-	< 50	NOT	< 50	-	-	-
Other VOCs	-	-	SAMPLED	---	-	-	-
6/11/02							
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	-	-	-	-
6/25/02							
Oil and Grease	-	-	FREE	1,400	-	-	< 1,000
1,2 dichloroethane	-	-	PRODUCT	< 100	-	-	< 20
1,2 dibromoethane	-	-	NOT	< 100	-	-	< 20
Other VOCs	-	-	SAMPLED	-	-	-	-
9/17/02							
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	-	-	-	-
12/18/02							
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

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
3/25/03							
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	-	-	-	-
6/23/03							
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	-	-	-	-
9/26/03							
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	-	-	-	-
12/18/03							
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	-	-	-	-
3/12/04							
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	-	-	-	-
6/17/04							
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	-	-	-	-
9/17/04							
Oil and Grease	-	-	FREE	-	-	-	-
1,2 dichloroethane	-	-	PRODUCT	-	-	-	-
1,2 dibromoethane	-	-	NOT	-	-	-	-
Other VOCs	-	-	SAMPLED	-	-	-	-
12/17/04							
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	-	-	-	-
4/28/04							
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
Other VOCs	DIPE @ 0.67	TBA @ 90	SAMPLED	-	-	-	-

APPENDIX A

Well Sampling Field Log

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME L/M

JOB NUMBER 2808 DATE OF SAMPLING 4-28-05

WELL ID. MW-1 SAMPLER DA

TOTAL DEPTH OF WELL 26.8 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 14.10

PRODUCT THICKNESS —

DEPTH OF WELL CASING IN WATER 12.7

NUMBER OF GALLONS PER WELL CASING VOLUME 2

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 6

EQUIPMENT USED TO PURGE WELL DISPOSABLE BAILER

TIME EVACUATION STARTED 1330 TIME EVACUATION COMPLETED 1350

TIME SAMPLES WERE COLLECTED 1355

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 6

SAMPLING DEVICE DISPOSABLE BAILER

SAMPLE COLOR TAN ODOR/SEDIMENT NONE SILT

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	68.6	7.03	932
2	68.4	7.01	912
3	68.4	6.99	917

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-1	5	40 ml VOA	TPH-G/D VOCS	✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME CIM

JOB NUMBER 288 DATE OF SAMPLING 4.28.05

WELL ID. MW-2 SAMPLER DA

TOTAL DEPTH OF WELL 26.8 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 13.39

PRODUCT THICKNESS ~~HEAVEN~~ —

DEPTH OF WELL CASING IN WATER 13.41

NUMBER OF GALLONS PER WELL CASING VOLUME 2.15

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 6.45

EQUIPMENT USED TO PURGE WELL DISPOSABLE BAILER

TIME EVACUATION STARTED 1300 TIME EVACUATION COMPLETED 1320

TIME SAMPLES WERE COLLECTED 1325

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 6.5

SAMPLING DEVICE DISPOSABLE BAILER

SAMPLE COLOR TAN ODOR/SEDIMENT MOD HC / SLT

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	68.4	6.99	1010
2	67.9	6.92	942
3	68.0	6.94	978

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-2	5	40 ml VOA	TPH-G/D VOCS	✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME Lim

JOB NUMBER 2808 DATE OF SAMPLING 4-28-05

WELL ID. MW-3 SAMPLER DA

TOTAL DEPTH OF WELL WELL DIAMETER 2

DEPTH ~~TO WATER PRIOR TO~~ PURGING 12.88

PRODUCT THICKNESS 2.34 - FEET

DEPTH OF ~~WELL CASING IN WATER~~

NUMBER OF GALLONS PER WELL CASING VOLUME

NUMBER OF WELL CASING VOLUMES TO BE REMOVED

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING

EQUIPMENT USED TO PURGE WELL

TIME EVACUATION STARTED TIME EVACUATION COMPLETED

TIME SAMPLES WERE COLLECTED

DID WELL GO DRY AFTER HOW MANY GALLONS

VOLUME OF GROUNDWATER PURGED

SAMPLING DEVICE

SAMPLE COLOR ODOR/SEDIMENT

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME LIM

JOB NUMBER 2808 DATE OF SAMPLING 4.28.05

WELL ID. MW-4 SAMPLER DA

TOTAL DEPTH OF WELL 21.8 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 13.82

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 7.98

NUMBER OF GALLONS PER WELL CASING VOLUME 1.28

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 3.85

EQUIPMENT USED TO PURGE WELL DISPOSABLE BAILER

TIME EVACUATION STARTED 1230 TIME EVACUATION COMPLETED 1250

TIME SAMPLES WERE COLLECTED 1255

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED DISPOSABLE BAILER 5

SAMPLING DEVICE 4

SAMPLE COLOR TAN/GRAY ODOR/SEDIMENT NON. HC/SLG

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	69.1	7.11	810
2	68.5	7.06	785
3	68.5	7.05	780

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-4	5	40 ml VOA	TPH-G/D VOCs	V

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME L.I.M

JOB NUMBER 2508 DATE OF SAMPLING 4-28-05

WELL ID. MW-5 SAMPLER DA

TOTAL DEPTH OF WELL 29.6 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 13.63

PRODUCT THICKNESS —

DEPTH OF WELL CASING IN WATER 15.97

NUMBER OF GALLONS PER WELL CASING VOLUME 2.6

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 7.75

EQUIPMENT USED TO PURGE WELL DISPOSABLE BAILER

TIME EVACUATION STARTED 1200 TIME EVACUATION COMPLETED 1220

TIME SAMPLES WERE COLLECTED 1225

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 8

SAMPLING DEVICE DISPOSABLE BAILER

SAMPLE COLOR TAN ODOR/SEDIMENT NONE/SILT

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	69.4	7.04	805
2	68.6	6.99	771
3	68.5	6.99	780

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-5	5	40ml VOA	TPH-G/BTEX	✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME L I M

JOB NUMBER 2808 DATE OF SAMPLING 4-28-05

WELL ID. MW-6 SAMPLER DA

TOTAL DEPTH OF WELL 29.5 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 13.91

PRODUCT THICKNESS —

DEPTH OF WELL CASING IN WATER 15.59

NUMBER OF GALLONS PER WELL CASING VOLUME 2.5

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 7.5

EQUIPMENT USED TO PURGE WELL DISPOSABLE BAILER

TIME EVACUATION STARTED 1130 TIME EVACUATION COMPLETED 1150

TIME SAMPLES WERE COLLECTED 1155

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 7.5

SAMPLING DEVICE DISPOSABLE BAILER

SAMPLE COLOR TAN / GRAY ODOR/SEDIMENT NONE / SLT

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	68.5	7.09	313
2	68.5	7.01	320
3	68.6	6.99	319

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-6	5	40 ml VOA	TPH-G/D VOCs	✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME L I M

JOB NUMBER 2808 DATE OF SAMPLING 4-28

WELL ID. MW-7 SAMPLER DA

TOTAL DEPTH OF WELL 29.7 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 14.15

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 15.55

NUMBER OF GALLONS PER WELL CASING VOLUME 2.5

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 7.5

EQUIPMENT USED TO PURGE WELL DISPOSABLE BAILER

TIME EVACUATION STARTED 1100 TIME EVACUATION COMPLETED 1120

TIME SAMPLES WERE COLLECTED 1125

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 7.5

SAMPLING DEVICE DISPOSABLE BAILER

SAMPLE COLOR TAN ODOR/SEDIMENT MOD. HC/SILT

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	68.5	7.12	610
2	68.0	7.08	600
3	68.0	7.08	600

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-7	5	40 ml VOA	TPH-G/D VOCs	✓

APPENDIX B

Certified Analytical Report
and
Chain of Custody Documentation

KIFF ANALYTICAL LLC

Report Number : 43507
Date : 5/10/2005

David Allen
Aqua Science Engineers, Inc.
208 West El Pintado Rd.
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,

Joel Kiff

KIFF ANALYTICAL LLC

Report Number : 43507
Date : 5/10/2005

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

Case Narrative

The Method Reporting Limit for TPH as Diesel is increased due to interference from Gasoline-Range Hydrocarbons for samples MW-2, MW-4 and MW-7.

Approved By:

Joel Kiff

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

KIFF ANALYTICAL LLC

Report Number : 43507
Date : 5/10/2005

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

Sample : **MW-1** Matrix : Water Lab Number : 43507-01
Sample Date :4/28/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	5/2/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	5/2/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	5/2/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	5/2/2005
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	5/2/2005
Diisopropyl ether (DIPE)	**0.67**	0.50	ug/L	EPA 8260B	5/2/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	5/2/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	5/2/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	5/2/2005
TPH as Gasoline	**250**	50	ug/L	EPA 8260B	5/2/2005
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	5/2/2005
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	5/2/2005
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	5/2/2005
4-Bromofluorobenzene (Surr)	105		% Recovery	EPA 8260B	5/2/2005
Dibromofluoromethane (Surr)	95.7		% Recovery	EPA 8260B	5/2/2005
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	5/2/2005
TPH as Diesel (Silica Gel)	**190**	50	ug/L	M EPA 8015	5/9/2005
Octacosane (Diesel Surrogate)	122		% Recovery	M EPA 8015	5/9/2005

Approved By: Joel Kiff

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

KIFF ANALYTICAL LLC

Report Number : 43507
Date : 5/10/2005

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

Sample : **MW-2** Matrix : Water Lab Number : 43507-02
Sample Date :4/28/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**7000**	15	ug/L	EPA 8260B	5/4/2005
Toluene	**6000**	15	ug/L	EPA 8260B	5/4/2005
Ethylbenzene	**2100**	15	ug/L	EPA 8260B	5/4/2005
Total Xylenes	**8700**	15	ug/L	EPA 8260B	5/4/2005
Methyl-t-butyl ether (MTBE)	**< 15**	15	ug/L	EPA 8260B	5/4/2005
Diisopropyl ether (DIPE)	**< 15**	15	ug/L	EPA 8260B	5/4/2005
Ethyl-t-butyl ether (ETBE)	**< 15**	15	ug/L	EPA 8260B	5/4/2005
Tert-amyl methyl ether (TAME)	**< 15**	15	ug/L	EPA 8260B	5/4/2005
Tert-Butanol	**90**	70	ug/L	EPA 8260B	5/4/2005
TPH as Gasoline	**81000**	1500	ug/L	EPA 8260B	5/4/2005
1,2-Dichloroethane	**< 15**	15	ug/L	EPA 8260B	5/4/2005
1,2-Dibromoethane	**< 15**	15	ug/L	EPA 8260B	5/4/2005
Toluene - d8 (Surr)	95.8		% Recovery	EPA 8260B	5/4/2005
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	5/4/2005
Dibromofluoromethane (Surr)	93.5		% Recovery	EPA 8260B	5/4/2005
1,2-Dichloroethane-d4 (Surr)	93.4		% Recovery	EPA 8260B	5/4/2005
TPH as Diesel (Silica Gel)	**< 3000**	3000	ug/L	M EPA 8015	5/7/2005
Octacosane (Diesel Surrogate)	130		% Recovery	M EPA 8015	5/7/2005

Approved By: Joel Kiff

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

KIFF ANALYTICAL LLC

Report Number : 43507
Date : 5/10/2005

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

Sample : **MW-4** Matrix : Water Lab Number : 43507-03
Sample Date :4/28/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**7800**	25	ug/L	EPA 8260B	5/4/2005
Toluene	**14000**	25	ug/L	EPA 8260B	5/4/2005
Ethylbenzene	**2200**	25	ug/L	EPA 8260B	5/4/2005
Total Xylenes	**10000**	25	ug/L	EPA 8260B	5/4/2005
Methyl-t-butyl ether (MTBE)	**< 25**	25	ug/L	EPA 8260B	5/4/2005
Diisopropyl ether (DIPE)	**< 25**	25	ug/L	EPA 8260B	5/4/2005
Ethyl-t-butyl ether (ETBE)	**< 25**	25	ug/L	EPA 8260B	5/4/2005
Tert-amyl methyl ether (TAME)	**< 25**	25	ug/L	EPA 8260B	5/4/2005
Tert-Butanol	**< 150**	150	ug/L	EPA 8260B	5/4/2005
TPH as Gasoline	**110000**	2500	ug/L	EPA 8260B	5/4/2005
1,2-Dichloroethane	**46**	25	ug/L	EPA 8260B	5/4/2005
1,2-Dibromoethane	**< 25**	25	ug/L	EPA 8260B	5/4/2005
Toluene - d8 (Surr)	95.0		% Recovery	EPA 8260B	5/4/2005
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	5/4/2005
Dibromofluoromethane (Surr)	94.0		% Recovery	EPA 8260B	5/4/2005
1,2-Dichloroethane-d4 (Surr)	98.3		% Recovery	EPA 8260B	5/4/2005
TPH as Diesel (Silica Gel)	**< 3000**	3000	ug/L	M EPA 8015	5/7/2005
Octacosane (Diesel Surrogate)	128		% Recovery	M EPA 8015	5/7/2005

Approved By: Joel Kiff

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

KIFF ANALYTICAL LLC

Report Number : 43507

Date : 5/10/2005

Project Name : **LIM**

Project Number : **2808**

Sample : **MW-5** Matrix : Water Lab Number : 43507-04

Sample Date :4/28/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	5/3/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	5/3/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	5/3/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	5/3/2005
Methyl-t-butyl ether (MTBE)	**2.2**	0.50	ug/L	EPA 8260B	5/3/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	5/3/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	5/3/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	5/3/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	5/3/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	5/3/2005
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	5/3/2005
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	5/3/2005
Toluene - d8 (Surr)	95.4		% Recovery	EPA 8260B	5/3/2005
4-Bromofluorobenzene (Surr)	99.2		% Recovery	EPA 8260B	5/3/2005
Dibromofluoromethane (Surr)	101		% Recovery	EPA 8260B	5/3/2005
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	5/3/2005
TPH as Diesel (Silica Gel)	**< 50**	50	ug/L	M EPA 8015	5/7/2005
Octacosane (Diesel Surrogate)	128		% Recovery	M EPA 8015	5/7/2005

Approved By: Joel Kiff

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

KIFF ANALYTICAL LLC

Report Number : 43507
Date : 5/10/2005

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

Sample : **MW-6** Matrix : Water Lab Number : 43507-05
Sample Date :4/28/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	5/3/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	5/3/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	5/3/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	5/3/2005
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	5/3/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	5/3/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	5/3/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	5/3/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	5/3/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	5/3/2005
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	5/3/2005
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	5/3/2005
Toluene - d8 (Surr)	97.3		% Recovery	EPA 8260B	5/3/2005
4-Bromofluorobenzene (Surr)	99.0		% Recovery	EPA 8260B	5/3/2005
Dibromofluoromethane (Surr)	99.8		% Recovery	EPA 8260B	5/3/2005
1,2-Dichloroethane-d4 (Surr)	99.9		% Recovery	EPA 8260B	5/3/2005
TPH as Diesel (Silica Gel)	**< 50**	50	ug/L	M EPA 8015	5/9/2005
Octacosane (Diesel Surrogate)	124		% Recovery	M EPA 8015	5/9/2005

Approved By: Joel Kiff

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KIFF ANALYTICAL LLC

Report Number : 43507

Date : 5/10/2005

Project Name : **LIM**

Project Number : **2808**

Sample : **MW-7** Matrix : Water Lab Number : 43507-06

Sample Date :4/28/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**84**	2.5	ug/L	EPA 8260B	5/4/2005
Toluene	**1000**	2.5	ug/L	EPA 8260B	5/4/2005
Ethylbenzene	**660**	2.5	ug/L	EPA 8260B	5/4/2005
Total Xylenes	**2200**	2.5	ug/L	EPA 8260B	5/4/2005
Methyl-t-butyl ether (MTBE)	**< 2.5**	2.5	ug/L	EPA 8260B	5/4/2005
Diisopropyl ether (DIPE)	**< 2.5**	2.5	ug/L	EPA 8260B	5/4/2005
Ethyl-t-butyl ether (ETBE)	**< 2.5**	2.5	ug/L	EPA 8260B	5/4/2005
Tert-amyl methyl ether (TAME)	**< 2.5**	2.5	ug/L	EPA 8260B	5/4/2005
Tert-Butanol	**< 10**	10	ug/L	EPA 8260B	5/4/2005
TPH as Gasoline	**13000**	250	ug/L	EPA 8260B	5/4/2005
1,2-Dichloroethane	**< 2.5**	2.5	ug/L	EPA 8260B	5/4/2005
1,2-Dibromoethane	**< 2.5**	2.5	ug/L	EPA 8260B	5/4/2005
Toluene - d8 (Surr)	99.3		% Recovery	EPA 8260B	5/4/2005
4-Bromofluorobenzene (Surr)	93.1		% Recovery	EPA 8260B	5/4/2005
Dibromofluoromethane (Surr)	110		% Recovery	EPA 8260B	5/4/2005
1,2-Dichloroethane-d4 (Surr)	99.1		% Recovery	EPA 8260B	5/4/2005
TPH as Diesel (Silica Gel)	**< 300**	300	ug/L	M EPA 8015	5/9/2005
Octacosane (Diesel Surrogate)	116		% Recovery	M EPA 8015	5/9/2005

Approved By: Joel Kiff

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

Report Number : 43507

Date : 5/10/2005

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	5/7/2005
Octacosane (Diesel Surrogate)	118		%	M EPA 8015	5/7/2005
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	5/9/2005
Octacosane (Diesel Surrogate)	103		%	M EPA 8015	5/9/2005
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/3/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/3/2005
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Toluene - d8 (Surr)	100		%	EPA 8260B	5/3/2005
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	5/3/2005
Dibromofluoromethane (Surr)	103		%	EPA 8260B	5/3/2005
1,2-Dichloroethane-d4 (Surr)	103		%	EPA 8260B	5/3/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/2/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/2/2005
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
Toluene - d8 (Surr)	91.1		%	EPA 8260B	5/2/2005
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	5/2/2005
Dibromofluoromethane (Surr)	100		%	EPA 8260B	5/2/2005
1,2-Dichloroethane-d4 (Surr)	103		%	EPA 8260B	5/2/2005
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/2/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/2/2005
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
Toluene - d8 (Surr)	91.0		%	EPA 8260B	5/2/2005
4-Bromofluorobenzene (Surr)	99.7		%	EPA 8260B	5/2/2005
Dibromofluoromethane (Surr)	100		%	EPA 8260B	5/2/2005
1,2-Dichloroethane-d4 (Surr)	103		%	EPA 8260B	5/2/2005

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 43507

Date : 5/10/2005

QC Report : Method Blank Data

Project Name : **LIM**

Project Number : **2808**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/3/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/3/2005
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Toluene - d8 (Surr)	88.7		%	EPA 8260B	5/3/2005
4-Bromofluorobenzene (Surr)	100		%	EPA 8260B	5/3/2005
Dibromofluoromethane (Surr)	102		%	EPA 8260B	5/3/2005
1,2-Dichloroethane-d4 (Surr)	106		%	EPA 8260B	5/3/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 43507

Date : 5/10/2005

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	43514-01	<0.50	39.8	40.1	37.6	37.6	ug/L	EPA 8260B	5/3/05	94.4	93.8	0.615	70-130	25
Toluene	43514-01	<0.50	39.8	40.1	40.1	40.0	ug/L	EPA 8260B	5/3/05	101	99.8	0.840	70-130	25
Tert-Butanol	43514-01	<5.0	199	200	186	186	ug/L	EPA 8260B	5/3/05	93.1	93.1	0.0419	70-130	25
Methyl-t-Butyl Ether	43514-01	<0.50	39.8	40.1	34.6	34.4	ug/L	EPA 8260B	5/3/05	86.8	85.8	1.16	70-130	25
Benzene	43507-01	<0.50	40.0	40.0	40.7	39.9	ug/L	EPA 8260B	5/2/05	102	99.8	1.80	70-130	25
Toluene	43507-01	<0.50	40.0	40.0	37.6	35.6	ug/L	EPA 8260B	5/2/05	94.1	89.0	5.60	70-130	25
Tert-Butanol	43507-01	<5.0	200	200	204	212	ug/L	EPA 8260B	5/2/05	102	106	3.61	70-130	25
Methyl-t-Butyl Ether	43507-01	<0.50	40.0	40.0	33.8	33.9	ug/L	EPA 8260B	5/2/05	84.5	84.7	0.216	70-130	25
Benzene	43510-02	<0.50	40.0	40.0	42.7	39.5	ug/L	EPA 8260B	5/2/05	107	98.8	7.81	70-130	25
Toluene	43510-02	<0.50	40.0	40.0	37.8	37.6	ug/L	EPA 8260B	5/2/05	94.6	93.9	0.679	70-130	25
Tert-Butanol	43510-02	<5.0	200	200	222	216	ug/L	EPA 8260B	5/2/05	111	108	3.17	70-130	25
Methyl-t-Butyl Ether	43510-02	<0.50	40.0	40.0	32.5	31.7	ug/L	EPA 8260B	5/2/05	81.3	79.4	2.39	70-130	25
Benzene	43545-01	<0.50	40.0	40.0	44.0	42.4	ug/L	EPA 8260B	5/3/05	110	106	3.56	70-130	25
Toluene	43545-01	<0.50	40.0	40.0	40.6	39.4	ug/L	EPA 8260B	5/3/05	101	98.4	2.96	70-130	25
Tert-Butanol	43545-01	<5.0	200	200	227	230	ug/L	EPA 8260B	5/3/05	113	115	1.14	70-130	25
Methyl-t-Butyl Ether	43545-01	<0.50	40.0	40.0	35.3	35.1	ug/L	EPA 8260B	5/3/05	88.4	87.7	0.761	70-130	25
TPH as Diesel	Blank	<50	1000	1000	1010	1020	ug/L	M EPA 8015	5/7/05	101	102	0.741	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 43507

Date : 5/10/2005

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
TPH as Diesel	Blank	<50	1000	1000	1100	1180	ug/L	M EPA 8015	5/9/05	110	118	6.40	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 43507

Date : 5/10/2005

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	5/3/05	94.2	70-130
Toluene	40.0	ug/L	EPA 8260B	5/3/05	102	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/3/05	90.9	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/3/05	85.5	70-130
Benzene	40.0	ug/L	EPA 8260B	5/2/05	101	70-130
Toluene	40.0	ug/L	EPA 8260B	5/2/05	99.1	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/2/05	105	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/2/05	89.3	70-130
Benzene	40.0	ug/L	EPA 8260B	5/2/05	104	70-130
Toluene	40.0	ug/L	EPA 8260B	5/2/05	99.3	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/2/05	106	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/2/05	86.4	70-130
Benzene	40.0	ug/L	EPA 8260B	5/3/05	109	70-130
Toluene	40.0	ug/L	EPA 8260B	5/3/05	98.7	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/3/05	96.2	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/3/05	88.7	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

43507

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

Chain of Custody

PAGE 1 OF 1

SAMPLER (SIGNATURE) D. Allen

PROJECT NAME LIM JOB NO. 2808

ADDRESS OAKLAND, CA

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:

SAMPLE ID.	DATE	TIME	MATRIX	NO. OF SAMPLES	TPH-GAS (MTBE & BTEX) (EPA 5030/8015/8020)	TPH-DIESEL w/SILICA GEL CLEANUP (EPA 3510/8015)	TPH-DIESEL & MOTOR OIL (EPA 3510/8015)	PURGEABLE HALOCARBONS (EPA 601/8010)	VOLATILE ORGANICS (EPA 624/8240/8260)	SEMI-VOLATILE ORGANICS (EPA 625/8270)	OIL & GREASE (EPA 5520)	LUFT METALS (5) (EPA 6010+7000)	CAM 17 METALS (EPA 6010+7000)	PCBs & PESTICIDES (EPA 608/8080)	ORGANOPHOSPHORUS PESTICIDES (EPA 8140 EPA 608/8080)	FUEL OXYGENATES (EPA 8260)	MTBE ONLY	TPH-G/BTEX/5 OXY'S (EPA 8260)	TPH-G/BTEX/ 5 OXY'S & ~~HALOCARBONS~~ (EPA 8260B) LEAD SCAVENGERS	EDF	HOLD	
MW-1	4.28.05		water	5	X	X													X	X		01
MW-2					X	X													X	X		02
MW-4					X	X													X	X		03
MW-5					X	X													X	X		04
MW-6					X	X													X	X		05
MW-7					X	X													X	X		06

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY LABORATORY:	COMMENTS:
D. Allen 0945 (signature) (time)	(signature) (time)	(signature) (time)	Michelle Spencer 0945 (signature) (time)	
D. ALLEN 04.29.05 (printed name) (date)	(printed name) (date)	(printed name) (date)	Michelle Spencer (printed name) (date) 04.29.05	TURN AROUND TIME
Company- ASE, INC.	Company-	Company-	Company- Kiff Analytical	STANDARD 24Hr 48Hr 72Hr
				OTHER: