2049 JW

aqua science engineers inc.

November 21, 2005

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

Submitted by:
AQUA SCIENCE ENGINEERS, INC.
208 W. El Pintado
Danville, CA 94526
(925) 820-9391

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 October 3, 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. Groundwater taken from monitoring well MW-2 had a slight sheen on the water surface. Monitoring well MW-3 contained 1.47-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-southeast 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 October 3, 2005, 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.

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), lead scavengers, and methyl tertiary butyl ether (MTBE) 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

- The dissolved hydrocarbon concentrations in monitoring wells MW-5 and MW-6 are consistent with previous analytical results.
- Monitoring well MW-3 contained 1.47 feet of free-floating hydrocarbons, which is 0.2 feet less than measured the previous quarter continuing a decreasing trend.
- Significant decreases in TPH-G concentrations were observed in monitoring wells MW-1, MW-2, MW-4, and MW-7, including several historical low concentrations in these wells.
- Significant decreases in toluene, ethyl benzene, and xylene concentrations were observed in monitoring wells MW-2, MW-4, and MW-7, including several historic low concentrations.

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 February 2005:

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

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 December 2005.

7.0 REPORT LIMITATIONS

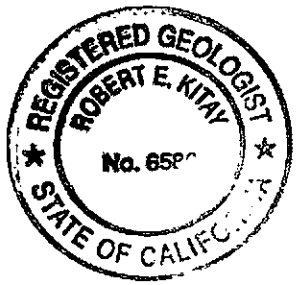
The results presented in this report represent conditions at the time of the groundwater sampling, at the specific locations where the samples were collected, and for the specific parameters analyzed by the laboratory. It does not fully characterize the site for contamination resulting from unknown sources, 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.

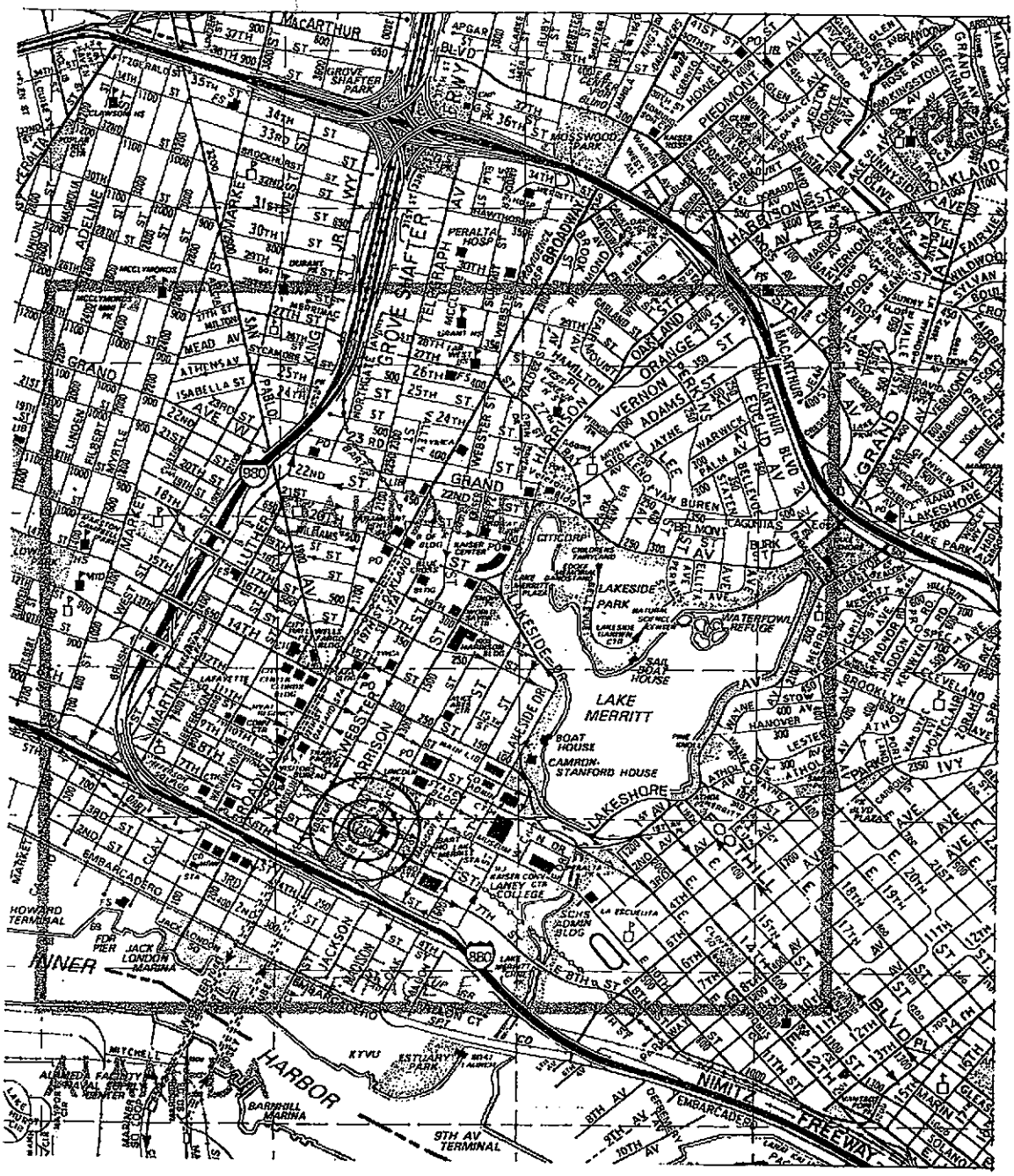
David Rains
Project Geologist



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

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

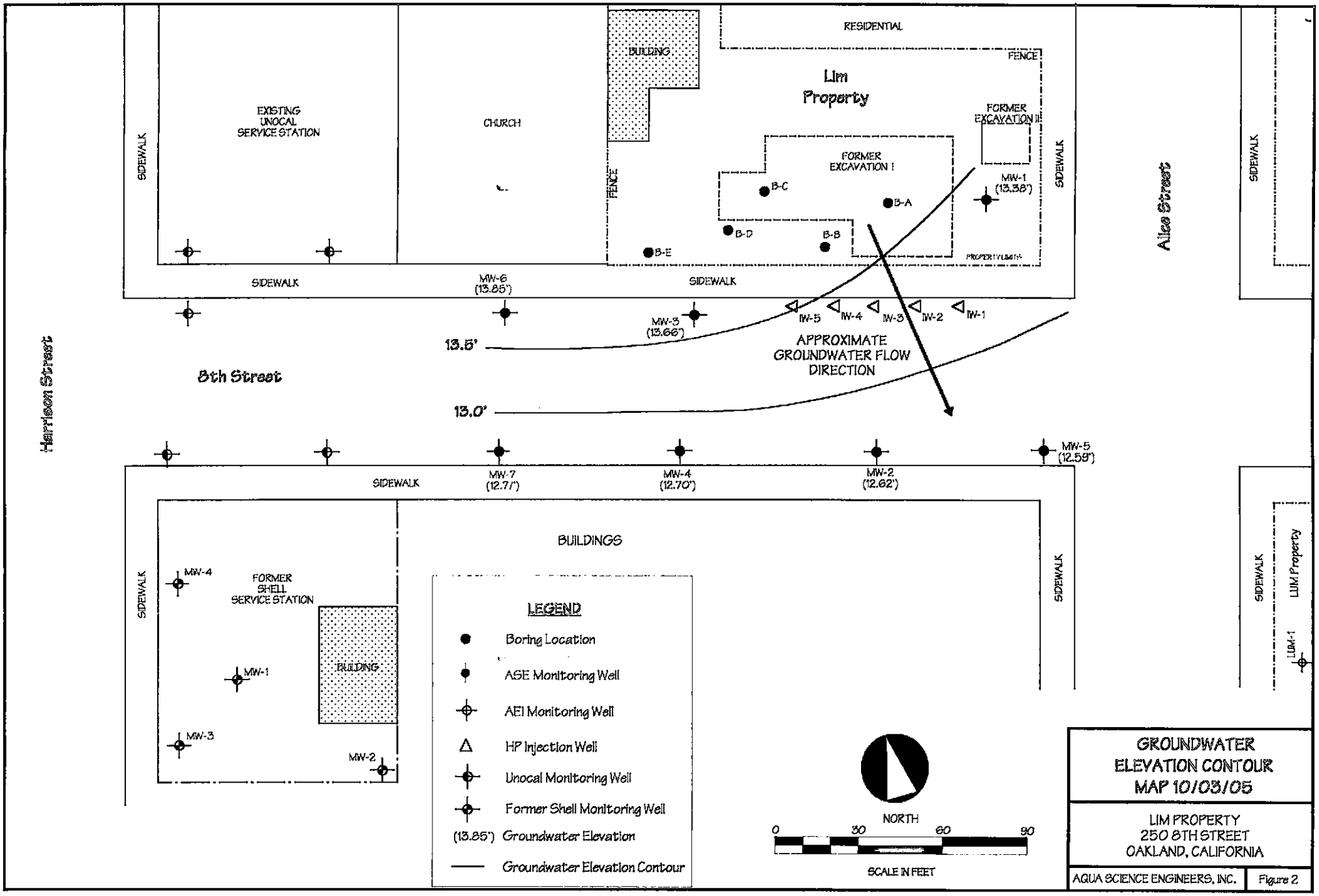


SITE LOCATION MAP

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



GROUNDWATER ELEVATION CONTOUR MAP 10/03/05

LIM PROPERTY
250 8TH STREET
OAKLAND, CALIFORNIA

AQUA SCIENCE ENGINEERS, INC. | Figure 2

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

Well I.D.	Date of Measurement	Top of 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
	07/19/05		15.94		13.78
	10/03/05		**16.34**		**13.38**

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

Well I.D.	Date of Measurement	Top of 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
	07/19/05		15.27		12.92
	10/03/05		**15.57**		**12.62**

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

Well I.D.	Date of Measurement	Top of 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***

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

Well I.D.	Date of Measurement	Top of 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**

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

Well I.D.	Date of Measurement	Top of 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**
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**

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

Well I.D.	Date of Measurement	Top of 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**

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
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**

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
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**
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
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**

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
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**

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						
07/19/05	NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS						
10/03/05	**NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS (1.47-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-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
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**
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
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**
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).
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 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
7/8/97							
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	-	-	-
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 - < 100,0	< 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	-	-	-

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
4/5/01							
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	-	-	-	-
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
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	< 25
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	-	-	-	-

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
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	-	-	-	-
4/28/05							
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	-	-	-	-
7/19/05							
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
Other VOCs	DIPE @ 0.76	TBA @ 77	SAMPLED	-	DIPE @ 2.1	-	-
10/3/05							
Oil and Grease	-	-	FREE	-	-	-	-
1,2 dichloroethane	< 0.5	< 15	PRODUCT	62	< 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	DIPE @ 23	DIPE @ 1.7	< 0.50	< 0.50
TBA	< 5.0	< 70		110	< 5.0	< 5.0	< 5.0

APPENDIX A

Well Sampling Field Log

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME LIM

JOB NUMBER 2808 DATE OF SAMPLING 10-3-05

WELL ID. MW-1 SAMPLER DR

TOTAL DEPTH OF WELL 24.8 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 14.34

PRODUCT THICKNESS —

DEPTH OF WELL CASING IN WATER 10.46

NUMBER OF GALLONS PER WELL CASING VOLUME 1.78

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 5.33

EQUIPMENT USED TO PURGE WELL disp bailer

TIME EVACUATION STARTED 1140 TIME EVACUATION COMPLETED 1155

TIME SAMPLES WERE COLLECTED 1200

DID WELL GO DRY no AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED

SAMPLING DEVICE disp bailer

SAMPLE COLOR clear ODOR/SEDIMENT H.C/ no sed

CHEMICAL DATA

* NO REMAINING DRUM SPACE *

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	66.4	7.06	524
2	66.9	6.76	536
3	67.2	6.71	528

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
mw-1	5	2x 1L amber 3x40mL		✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME LIM

JOB NUMBER 2808 DATE OF SAMPLING 10-3-05

WELL ID. MW-2 SAMPLER DR

TOTAL DEPTH OF WELL 26.8 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 15.57

PRODUCT THICKNESS —

DEPTH OF WELL CASING IN WATER 11.23

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 5.7

EQUIPMENT USED TO PURGE WELL disp bailer

TIME EVACUATION STARTED 1105 TIME EVACUATION COMPLETED 1120

TIME SAMPLES WERE COLLECTED 1125

DID WELL GO DRY no AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED

SAMPLING DEVICE disp bailer

SAMPLE COLOR clear w/ sheen ODOR/SEDIMENT hi/ gr. silt

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	67.6	6.50	716
2	66.6	6.57	725
3	65.9	6.55	719

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
S	2x 1L / 3x 40mL	→		✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME L.M

JOB NUMBER 2808 DATE OF SAMPLING 10-3-05

WELL ID. MW-3 SAMPLER DR

TOTAL DEPTH OF WELL WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING ~~16.34~~ 16.10

PRODUCT THICKNESS 1.47

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 10-3-05

WELL ID. MW-4 SAMPLER DR

TOTAL DEPTH OF WELL 21.8 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 15.91

PRODUCT THICKNESS —

DEPTH OF WELL CASING IN WATER 5.89

NUMBER OF GALLONS PER WELL CASING VOLUME 1.0

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 3.0

EQUIPMENT USED TO PURGE WELL disp bailer

TIME EVACUATION STARTED 9 40 TIME EVACUATION COMPLETED 9 55

TIME SAMPLES WERE COLLECTED 10:00

DID WELL GO DRY no AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED

SAMPLING DEVICE disp bailer

SAMPLE COLOR clear ODOR/SEDIMENT N/A - grey silt

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	70.7	6.46	735
2	69.6	6.65	721
3	67.6	6.60	721

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-4	2×1L 3×40 mL →			✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME L.M

JOB NUMBER 2008 DATE OF SAMPLING 10-3-05

WELL ID. MW-5 SAMPLER DR

TOTAL DEPTH OF WELL 29.6 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 15.81

PRODUCT THICKNESS —

DEPTH OF WELL CASING IN WATER 13.79

NUMBER OF GALLONS PER WELL CASING VOLUME 2.34

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 7.03

EQUIPMENT USED TO PURGE WELL disp. bailer

TIME EVACUATION STARTED 9 00 TIME EVACUATION COMPLETED 9 15

TIME SAMPLES WERE COLLECTED 9 20

DID WELL GO DRY no AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED

SAMPLING DEVICE disp bailer

SAMPLE COLOR clear ODOR/SEDIMENT no / small amount yellow/br. silt

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	62.0	6.75	811
2	62.1	6.68	652
3	67.9	6.65	652

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-5	2x1L 3x 40mL	→		✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME LIM

JOB NUMBER 2808 DATE OF SAMPLING 10-3-05

WELL ID. MW-6 SAMPLER DR

TOTAL DEPTH OF WELL 29.5 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 15.35

PRODUCT THICKNESS —

DEPTH OF WELL CASING IN WATER 13.85

NUMBER OF GALLONS PER WELL CASING VOLUME 2.35

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 7.06

EQUIPMENT USED TO PURGE WELL disp bailer

TIME EVACUATION STARTED 8:05 TIME EVACUATION COMPLETED 8:20

TIME SAMPLES WERE COLLECTED 8:25

DID WELL GO DRY no AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED

SAMPLING DEVICE disp bailer

SAMPLE COLOR ODOR/SEDIMENT slight hc / small amt silt

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	65.2	7.35	410
2	66.5	7.03	263
3	66.4	7.01	220

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-6	2 x 1L / 3 x 40mL	→		✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME LIM

JOB NUMBER 2808 DATE OF SAMPLING 10-3-05

WELL ID. MW-7 SAMPLER DR

TOTAL DEPTH OF WELL 29.7 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 16.25

PRODUCT THICKNESS —

DEPTH OF WELL CASING IN WATER 13.45

NUMBER OF GALLONS PER WELL CASING VOLUME 2.3

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 6.7

EQUIPMENT USED TO PURGE WELL d. bailer

TIME EVACUATION STARTED 1030 TIME EVACUATION COMPLETED 1040

TIME SAMPLES WERE COLLECTED 1045

DID WELL GO DRY no AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED

SAMPLING DEVICE d. bailer

SAMPLE COLOR clear ODOR/SEDIMENT light h.c. / none sed.

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
	70.3	6.78	481
	69.9	6.69	381
	68.5	6.77	372

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
mw-7	2x 1L / 3x 40mL →			✓

APPENDIX B

Certified Analytical Report
and
Chain of Custody Documentation

KIFF Analytical LLC

Report Number : 46336
Date : 10/12/2005

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 : 46336
Date : 10/12/2005

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-1, 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 : 46336
Date : 10/12/2005

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

Sample : **MW-5** Matrix : Water Lab Number : 46336-04
Sample Date :10/3/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	10/7/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	10/7/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	10/7/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	10/7/2005
Methyl-t-butyl ether (MTBE)	**2.4**	0.50	ug/L	EPA 8260B	10/7/2005
Diisopropyl ether (DIPE)	**1.7**	0.50	ug/L	EPA 8260B	10/7/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	10/7/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	10/7/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	10/7/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	10/7/2005
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	10/7/2005
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	10/7/2005
Toluene - d8 (Surr)	97.0		% Recovery	EPA 8260B	10/7/2005
4-Bromofluorobenzene (Surr)	113		% Recovery	EPA 8260B	10/7/2005
Dibromofluoromethane (Surr)	101		% Recovery	EPA 8260B	10/7/2005
1,2-Dichloroethane-d4 (Surr)	98.5		% Recovery	EPA 8260B	10/7/2005
TPH as Diesel (Silica Gel)	**< 50**	50	ug/L	M EPA 8015	10/11/2005
Octacosane (Diesel Surrogate)	110		% Recovery	M EPA 8015	10/11/2005

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 46336
Date : 10/12/2005

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

Sample : **MW-6** Matrix : Water Lab Number : 46336-05
Sample Date :10/3/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	10/7/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	10/7/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	10/7/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	10/7/2005
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	10/7/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	10/7/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	10/7/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	10/7/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	10/7/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	10/7/2005
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	10/7/2005
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	10/7/2005
Toluene - d8 (Surr)	97.4		% Recovery	EPA 8260B	10/7/2005
4-Bromofluorobenzene (Surr)	112		% Recovery	EPA 8260B	10/7/2005
Dibromofluoromethane (Surr)	99.8		% Recovery	EPA 8260B	10/7/2005
1,2-Dichloroethane-d4 (Surr)	98.8		% Recovery	EPA 8260B	10/7/2005
TPH as Diesel (Silica Gel)	**< 50**	50	ug/L	M EPA 8015	10/11/2005
Octacosane (Diesel Surrogate)	105		% Recovery	M EPA 8015	10/11/2005

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 46336
Date : 10/12/2005

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

Sample : **MW-7** Matrix : Water Lab Number : 46336-06
Sample Date :10/3/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**140**	0.50	ug/L	EPA 8260B	10/8/2005
Toluene	**710**	9.0	ug/L	EPA 8260B	10/8/2005
Ethylbenzene	**350**	0.50	ug/L	EPA 8260B	10/8/2005
Total Xylenes	**1100**	9.0	ug/L	EPA 8260B	10/8/2005
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	10/8/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	10/8/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	10/8/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	10/8/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	10/8/2005
TPH as Gasoline	**7400**	900	ug/L	EPA 8260B	10/8/2005
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	10/8/2005
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	10/8/2005
Toluene - d8 (Surr)	95.2		% Recovery	EPA 8260B	10/8/2005
4-Bromofluorobenzene (Surr)	107		% Recovery	EPA 8260B	10/8/2005
Dibromofluoromethane (Surr)	102		% Recovery	EPA 8260B	10/8/2005
1,2-Dichloroethane-d4 (Surr)	96.5		% Recovery	EPA 8260B	10/8/2005
TPH as Diesel (Silica Gel)	**< 200**	200	ug/L	M EPA 8015	10/11/2005
Octacosane (Diesel Surrogate)	116		% Recovery	M EPA 8015	10/11/2005

Approved By: Joel Kiff

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

Report Number : 46336

Date : 10/12/2005

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	10/11/2005
Octacosane (Diesel Surrogate)	105		%	M EPA 8015	10/11/2005
Benzene	< 0.50	0.50	ug/L	EPA 8260B	10/7/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	10/7/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/7/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	10/7/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	10/7/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/7/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/7/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/7/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/7/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	10/7/2005
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	10/7/2005
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	10/7/2005
Toluene - d8 (Surr)	96.8		%	EPA 8260B	10/7/2005
4-Bromofluorobenzene (Surr)	115		%	EPA 8260B	10/7/2005
Dibromofluoromethane (Surr)	99.1		%	EPA 8260B	10/7/2005
1,2-Dichloroethane-d4 (Surr)	97.6		%	EPA 8260B	10/7/2005
Benzene	< 0.50	0.50	ug/L	EPA 8260B	10/8/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/8/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	10/8/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/8/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/8/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/8/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/8/2005
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	10/8/2005
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	10/8/2005
Toluene - d8 (Surr)	100		%	EPA 8260B	10/8/2005
4-Bromofluorobenzene (Surr)	106		%	EPA 8260B	10/8/2005
Dibromofluoromethane (Surr)	107		%	EPA 8260B	10/8/2005
1,2-Dichloroethane-d4 (Surr)	101		%	EPA 8260B	10/8/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	10/8/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	10/8/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/8/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	10/8/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	10/8/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/8/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/8/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/8/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/8/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	10/8/2005
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	10/8/2005
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	10/8/2005
Toluene - d8 (Surr)	100		%	EPA 8260B	10/8/2005
4-Bromofluorobenzene (Surr)	94.9		%	EPA 8260B	10/8/2005
Dibromofluoromethane (Surr)	104		%	EPA 8260B	10/8/2005
1,2-Dichloroethane-d4 (Surr)	99.9		%	EPA 8260B	10/8/2005
Benzene	< 0.50	0.50	ug/L	EPA 8260B	10/7/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	10/7/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/7/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	10/7/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	10/7/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/7/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/7/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/7/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/7/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	10/7/2005
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	10/7/2005
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	10/7/2005
Toluene - d8 (Surr)	98.2		%	EPA 8260B	10/7/2005
4-Bromofluorobenzene (Surr)	97.7		%	EPA 8260B	10/7/2005
Dibromofluoromethane (Surr)	102		%	EPA 8260B	10/7/2005
1,2-Dichloroethane-d4 (Surr)	101		%	EPA 8260B	10/7/2005

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 46336

Date : 10/12/2005

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	46349-01	<0.50	40.0	40.0	37.0	36.3	ug/L	EPA 8260B	10/7/05	92.6	90.7	2.05	70-130	25
Toluene	46349-01	<0.50	40.0	40.0	36.2	35.7	ug/L	EPA 8260B	10/7/05	90.5	89.2	1.50	70-130	25
Tert-Butanol	46349-01	<5.0	200	200	192	203	ug/L	EPA 8260B	10/7/05	96.0	102	5.62	70-130	25
Methyl-t-Butyl Ether	46349-01	<0.50	40.0	40.0	34.5	34.2	ug/L	EPA 8260B	10/7/05	86.2	85.6	0.705	70-130	25
Benzene	46358-01	<0.50	40.0	40.0	39.4	38.6	ug/L	EPA 8260B	10/8/05	98.5	96.5	2.08	70-130	25
Toluene	46358-01	<0.50	40.0	40.0	39.1	38.1	ug/L	EPA 8260B	10/8/05	97.7	95.3	2.51	70-130	25
Tert-Butanol	46358-01	<5.0	200	200	234	233	ug/L	EPA 8260B	10/8/05	117	116	0.482	70-130	25
Methyl-t-Butyl Ether	46358-01	<0.50	40.0	40.0	39.0	38.7	ug/L	EPA 8260B	10/8/05	97.5	96.9	0.646	70-130	25
Benzene	46375-02	<0.50	40.0	40.0	40.3	39.7	ug/L	EPA 8260B	10/8/05	101	99.2	1.49	70-130	25
Toluene	46375-02	<0.50	40.0	40.0	40.0	39.4	ug/L	EPA 8260B	10/8/05	99.9	98.6	1.27	70-130	25
Tert-Butanol	46375-02	<5.0	200	200	205	206	ug/L	EPA 8260B	10/8/05	102	103	0.670	70-130	25
Methyl-t-Butyl Ether	46375-02	1.9	40.0	40.0	40.6	40.7	ug/L	EPA 8260B	10/8/05	96.8	97.0	0.211	70-130	25
Benzene	46336-01	<0.50	40.0	40.0	38.8	37.6	ug/L	EPA 8260B	10/7/05	97.0	94.0	3.16	70-130	25
Toluene	46336-01	<0.50	40.0	40.0	38.6	37.6	ug/L	EPA 8260B	10/7/05	96.6	94.0	2.68	70-130	25
Tert-Butanol	46336-01	<5.0	200	200	193	192	ug/L	EPA 8260B	10/7/05	96.4	96.3	0.181	70-130	25
Methyl-t-Butyl Ether	46336-01	<0.50	40.0	40.0	39.7	39.4	ug/L	EPA 8260B	10/7/05	99.2	98.6	0.562	70-130	25
TPH as Diesel	Blank	<50	1000	1000	832	819	ug/L	M EPA 8015	10/11/05	83.2	81.9	1.59	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 46336

Date : 10/12/2005

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	10/7/05	87.5	70-130
Toluene	40.0	ug/L	EPA 8260B	10/7/05	89.7	70-130
Tert-Butanol	200	ug/L	EPA 8260B	10/7/05	96.3	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	10/7/05	81.7	70-130
Benzene	40.0	ug/L	EPA 8260B	10/8/05	92.8	70-130
Toluene	40.0	ug/L	EPA 8260B	10/8/05	98.0	70-130
Tert-Butanol	200	ug/L	EPA 8260B	10/8/05	112	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	10/8/05	87.7	70-130
Benzene	40.0	ug/L	EPA 8260B	10/8/05	96.4	70-130
Toluene	40.0	ug/L	EPA 8260B	10/8/05	102	70-130
Tert-Butanol	200	ug/L	EPA 8260B	10/8/05	96.4	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	10/8/05	93.1	70-130
Benzene	40.0	ug/L	EPA 8260B	10/7/05	98.5	70-130
Toluene	40.0	ug/L	EPA 8260B	10/7/05	98.9	70-130
Tert-Butanol	200	ug/L	EPA 8260B	10/7/05	95.6	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	10/7/05	100	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

46336

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

Chain of Custody

SAMPLER (SIGNATURE)

PAGE 1 OF 1

PROJECT NAME KM

JOB NO. 2808

ADDRESS Oakland, CA

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:

SAMPLE ID.	DATE	TIME	MATRIX	QUANTITY	TPH-GAS / MTBE & BTEX (EPA 5030/8015-8020)	TPH-DIESEL w/ silica gel cleanup (EPA 3510/8015)	TPH-DIESEL & MOTOR OIL (EPA 3510/8015)	VOLATILE ORGANICS (EPA 624/8240/8260)	SEMI-VOLATILE ORGANICS (EPA 625/8270)	OIL & GREASE (EPA 5520)	LUFT METALS (5) (EPA 6010+7000)	CAM 17 METALS (EPA 6010+7000)	PCBs & PESTICIDES (EPA 608/8080)	ORGANOPHOSPHORUS PESTICIDES (EPA 8140 EPA 608/8080)	FUEL OXYGENATES (EPA 8260)	Pb (TOTAL or DISSOLVED) (EPA 6010)	PURGEABLE HALOCARBONS (EPA 601/8010)	MULTI-RANGE HYDROCARBONS	SILICA-GEL CLEANUP	TPH-G/BTEX/5-OXYS, LEAD SCAVENGERS (EPA 8260B)	HOLD	EDF
MW-1	10-3-05	1200	H_2O	5		X														X		
MW-2	10-3-05	1105																			X	
MW-4	10-3-05	1000																				
MW-5	10-3	700																				
MW-6	10-3	825																				
MW-7	10-3	1045																				

Sample Receipt
Temp °C 3.2 Therm. ID# TR4
Initial TJA Date 100505
Time 1625 Coolant present: Y / N

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY LABORATORY:	COMMENTS:
(signature) (time)	(signature) (time)	(signature) (time)	Thomas Ahern 1430 (signature) (time)	
D. ALLEN (printed name) (date)	(printed name) (date)	(printed name) (date)	T. AHERN 100505 (printed name) (date)	TURN AROUND TIME
Company-ASE, INC.	Company-	Company-	Company- Kiff Analytical	STANDARD 24Hr 48Hr 72Hr
				OTHER: