aqua science engineers inc.

R0479

November 12, 2003

QUARTERLY GROUNDWATER MONITORING REPORT
SEPTEMBER 2003 GROUNDWATER SAMPLING
at
Lim Family Property
250 8th Street
Oakland, California

Submitted by:
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1.0 INTRODUCTION

This report outlines 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 September 26, 2003, ASE measured the depth to water in monitoring wells MW-1 through MW-5 and MW-7 using an electric water level sounder. The depth to water in monitoring well MW-6 was not measured due to a sounder malfunction. The surface of the groundwater was also checked for the presence of free-floating hydrocarbons or sheen. Monitoring well MW-3 contained 0.66-feet of free-floating hydrocarbons this quarter. 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 a gradient of 0.006 feet/foot during this quarterly sampling period. The gradient and flow direction is consistent with previous findings.

3.0 MONITORING WELL SAMPLING

On September 26, 2003, 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 at the time of sampling.

Prior to sampling, the wells were purged of three well casing volumes of groundwater using dedicated 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 dedicated polyethylene bailers. The groundwater samples to be analyzed for volatile compounds were decanted from the bailers into 40-ml volatile organic analysis (VOA) vials, preserved with hydrochloric acid, sealed without headspace and labeled. The samples to be analyzed for extractable range hydrocarbons were contained in 1-liter amber glass bottles. 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 groundwater samples collected from monitoring wells MW-2 and MW-4 through MW-7 were also analyzed for oil and grease (O&G) by EPA Method 5520B. 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

Monitoring well MW-3 contained 0.66-feet of free-floating hydrocarbons this quarter. Overall, the hydrocarbon concentrations are consistent with previous analytical results and remain 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. Additionally, the TPH-D concentration in the sample collected from monitoring well MW-5 slightly exceeded the ESL for the first time since testing began in June 2002. Also, the sample collected from monitoring well MW-4 contained 87 ppb 1,2-dichloroethane which has not been present in a reportable concentration in the well since October 2001.

6.0 RECOMMENDATIONS

ASE has prepared and submitted a corrective action plan (CAP) dated August 26, 2002 to the Alameda County Health Care Services Agency (ACHCSA) and is awaiting approval of ASE's selection of remediation technology for the site. In the meantime, ASE recommends continued groundwater monitoring on a quarterly basis. The next groundwater sampling is scheduled for December 2003. ASE will also continue periodic

product bailing from monitoring well MW-3 during the next quarter. ASE also recommends, based on the analytical results from the previous year of sampling, that analyses for oil and grease be discontinued for future sampling events.

7.0 REPORT LIMITATIONS

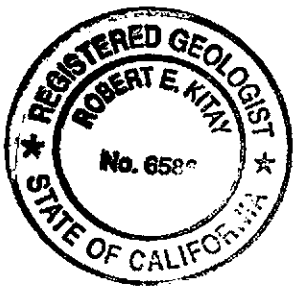
The results presented in this report represent conditions at the time of the groundwater sampling, at the specific locations where the samples were collected, and for the specific parameters analyzed by the laboratory. It does not fully characterize the site for contamination resulting from unknown sources,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

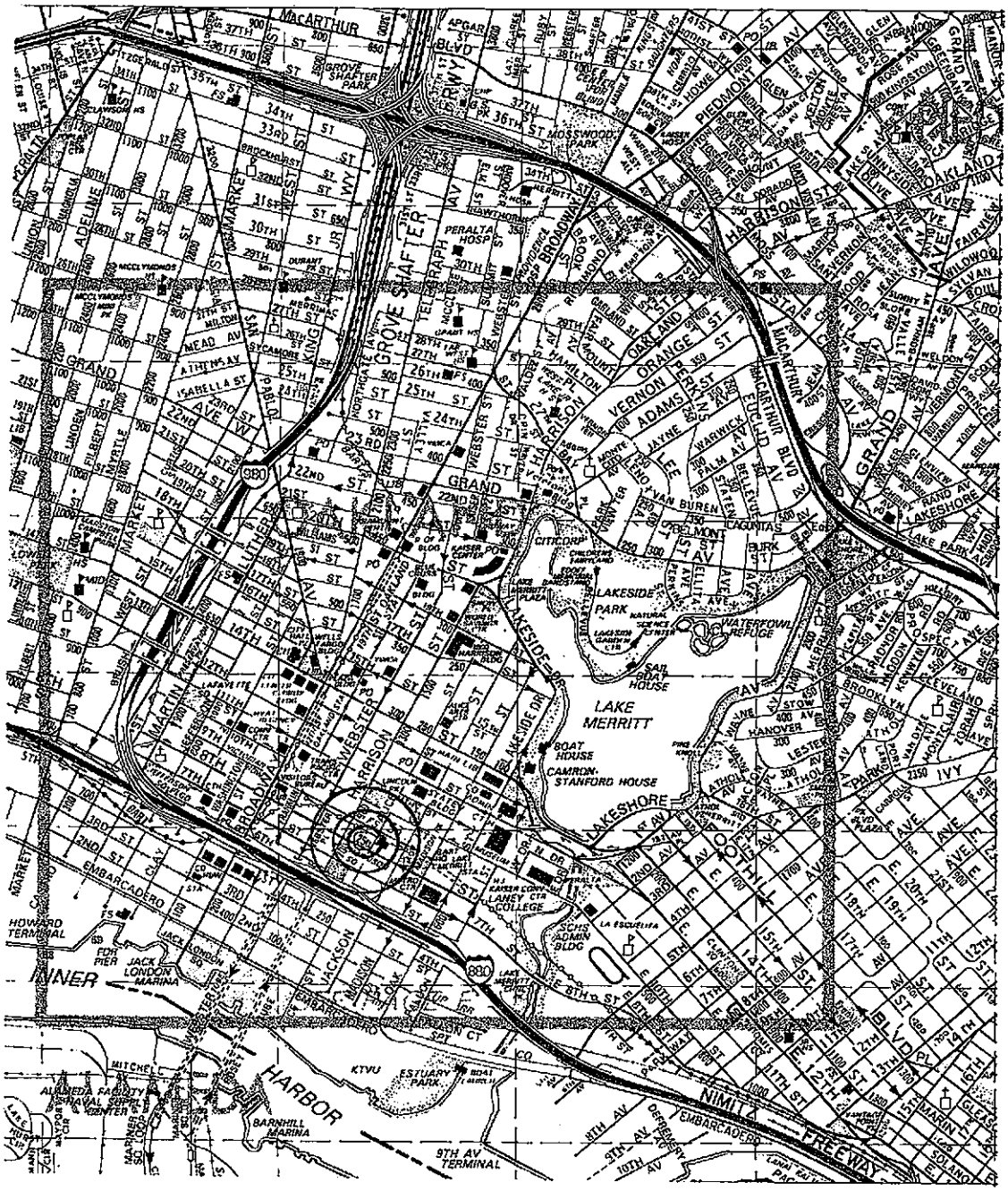
Damian Hriciga
Project Geologist



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, Alameda County Health Care Services
Mr. Chuck Headlee, RWQCB, San Francisco Bay Region

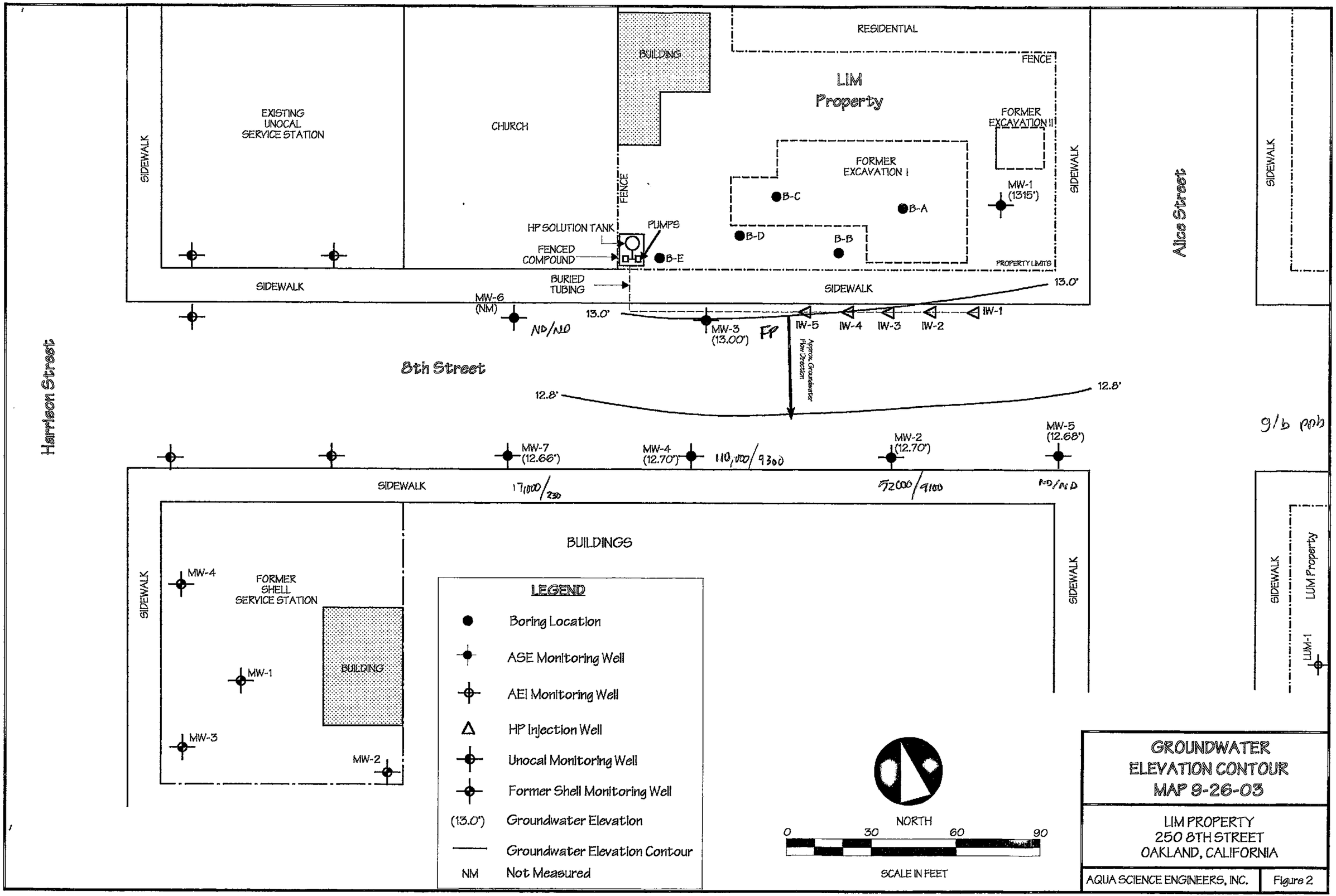


SITE LOCATION MAP

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 9-26-03

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 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**

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**

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***
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**

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**
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		
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**
IW-1	07/13/99	24.05	14.75		9.30
	06/11/02	28.33			
IW-2	07/13/99	24.21	15.10		9.11
	06/11/02	28.50			
IW-3	07/13/99	23.93	15.00		8.93
	06/11/02	28.14			
IW-4	07/13/99	23.83	Unknown		Unknown
	06/11/02	28.24			

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)
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			

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**

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**

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**						
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	<3000	9,600	22,000	3,300	15,000	< 100
09/26/03	**110,000**	**< 4000**	**9,300**	**17,000**	**2,100**	**10,000**	**< 50**

TABLE TWO

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

Well/ Date Sampled	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE
MW-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**
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**
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	< 1000	440	2,600	630	2,600	< 10
09/26/03	**17,000**	**< 1000**	**230**	**1,800**	**470**	**2,200**	**< 5.0**
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.

= 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
7/8/1997							
Hydrocarbon Oil and Grease	-	< 1,000	-	-	-	-	-
Tetrachloroethane (PCE)	0.9	< 0.5	-	-	-	-	-
Other VOCs	< 0.5 - < 3	< 0.5 - < 3	-	-	-	-	-
1/26/1998							
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	-	-	-	-	-
7/23/1998							
Hydrocarbon Oil and Grease	-	< 1,000	-	-	-	-	-
Tetrachloroethene	4	4.6	-	-	-	-	-
1,2-Dichloroethane	< 2	9.9	-	-	-	-	-
Other VOCs	< 2 - < 10	< 0.5 - < 5.0	-	-	-	-	-
1/5/1999							
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	-	-	-	-	-
7/13/1999							
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	-	-	-	-	-
1/12/2000							
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	-	-	-
4/24/2000							
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 - < 100,00(	< 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
7/20/2000							
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	-	-	-
10/24/2000			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	-	-	-
1/18/2001			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	-	-	-
4/5/2001							
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	-	-	-
7/17/2001							
Hydrocarbon Oil and Grease	-	< 500	FREE	< 500	-	-	-
Tetrachloroethene	-	-	PRODUCT	-	-	-	-
1,2 dichloroethane	< 0.5	< 50	---	69.0	-	-	-
Trichloroethene	-	-	NOT	-	-	-	-
Naphthalene	-	-	---	-	-	-	-
Other VOCs	-	-	SAMPLED	-	-	-	-
10/25/2001							
Hydrocarbon Oil and Grease	-	< 5,000	FREE	< 5,000	-	-	-
1,2 dichloroethane	-	< 50	PRODUCT	72	-	-	-
1,2 dibromoethane	-	< 50	NOT	< 50	-	-	-
Other VOCs	-	-	SAMPLED	---	-	-	-
1/22/2002							
Hydrocarbon Oil and Grease	-	< 5,000	FREE	< 5,000	-	-	-
1,2 dichloroethane	-	< 50	PRODUCT	< 50	-	-	-
1,2 dibromoethane	-	< 50	NOT	< 50	-	-	-
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
6/11/2002							
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	-	-	-	-
6/25/2002							
Oil and Grease	-	-	FREE	1,400	-	-	< 1,000
1,2 dichloroethane	-	-	PRODUCT	< 100	-	-	< 20
1,2 dibromoethane	-	-	NOT	< 100	-	-	< 20
Other VOCs	-	-	SAMPLED	-	-	-	-
9/17/2002							
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	-	-	-	-
12/18/2002							
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
3/25/2003							
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	-	-	-	-
6/23/2003							
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	-	-	-	-
9/26/2003							
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	-	-	-	-

APPENDIX A

Well Sampling Field Log

aqua science engineers inc.

WELL SAMPLING FIELD LOG

Project Name and Address: LIM | OAKLAND
Job #: 2808 Date of sampling: 9/25/03
Well Name: MW-1 Sampled by: DH
Total depth of well (feet): 26.78 Well diameter (inches): 2
Depth to water before sampling (feet): 16.57
Thickness of floating product if any: ~~1021~~
Depth of well casing in water (feet): 10.21
Number of gallons per well casing volume (gallons): 1.7
Number of well casing volumes to be removed: 3
Req'd volume of groundwater to be purged before sampling (gallons): 5.2
Equipment used to purge the well: BAILER
Time Evacuation Began: 1110 Time Evacuation Finished: 1140
Approximate volume of groundwater purged: 5.2
Did the well go dry?: NO After how many gallons: —
Time samples were collected: 1145
Depth to water at time of sampling: 16.98
Percent recovery at time of sampling: —
Samples collected with: BAILER
Sample color: — Odor: HC
Description of sediment in sample: —

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
1.7	67.1	5.79	782
3.4	66.1	6.43	731
5.2	65.7	6.50	729

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	Iced?	Analysis
MW-1	5	40 mL VOA	HCl	✓	
MW-1	1	950 mL AMBER	—	✓	

aqua science engineers inc.

WELL SAMPLING FIELD LOG

Project Name and Address: LIM | OAKLAND
Job #: 2508 Date of sampling: 9/25/03
Well Name: MW-2 Sampled by: PA
Total depth of well (feet): 26.78 Well diameter (inches): 2
Depth to water before sampling (feet): 15.49
Thickness of floating product if any: —
Depth of well casing in water (feet): 11.29
Number of gallons per well casing volume (gallons): 1.9
Number of well casing volumes to be removed: 3
Req'd volume of groundwater to be purged before sampling (gallons): 5.8
Equipment used to purge the well: BAILER
Time Evacuation Began: 1005 Time Evacuation Finished: 1015
Approximate volume of groundwater purged: 6
Did the well go dry?: NO After how many gallons: —
Time samples were collected: 1020
Depth to water at time of sampling: 16.04
Percent recovery at time of sampling: —
Samples collected with: BAILER
Sample color: CLEAR Odor: HC
Description of sediment in sample: SILT

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
2	70.7	6.12	913
4	66.8	6.49	925
6	66.3	6.62	924

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	Iced?	Analysis
MW-2	5	40 mL VOA	HCl	Y	
MW-2		950 mL AMBER		Y	

CAR

aqua science engineers inc.

WELL SAMPLING FIELD LOG

Project Name and Address: LIM | OAKLAND
Job #: _____ Date of sampling: 7/25/03
Well Name: MW-3 Sampled by: DH
Total depth of well (feet): _____ Well diameter (inches): 2
Depth to water before sampling (feet): 15.15 / 16.11
Thickness of floating product if any: _____
Depth of well casing in water (feet): _____
Number of gallons per well casing volume (gallons): _____
Number of well casing volumes to be removed: _____
Required volume of groundwater to be purged before sampling (gallons): _____
Equipment used to purge the well: _____
Time Evacuation Began: _____ Time Evacuation Finished: _____
Approximate volume of groundwater purged: _____
Did the well go dry? _____ After how many gallons: _____
Time samples were collected: _____
Depth to water at time of sampling: _____
Percent recovery at time of sampling: _____
Samples collected with: _____
Sample color: _____ Odor: _____
Description of sediment in sample: _____

NOT SAMPLED THIS QUARTER

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	Iced?	Analysis

aqua science engineers inc.

WELL SAMPLING FIELD LOG

Project Name and Address: LIM | OAKLAND
Job #: 2505 Date of sampling: 9/23/03
Well Name: MW-4 Sampled by: DH
Total depth of well (feet): 21.8 Well diameter (inches): 2
Depth to water before sampling (feet): 15.91
Thickness of floating product if any: —
Depth of well casing in water (feet): 5.89
Number of gallons per well casing volume (gallons): 1
Number of well casing volumes to be removed: 3
Req'd volume of groundwater to be purged before sampling (gallons): 3
Equipment used to purge the well: BAILER
Time Evacuation Began: 930 Time Evacuation Finished: 945
Approximate volume of groundwater purged: 5
Did the well go dry?: NO After how many gallons: —
Time samples were collected: 950
Depth to water at time of sampling: 16.89
Percent recovery at time of sampling: —
Samples collected with: BAILER
Sample color: OLIVE Odor: HC
Description of sediment in sample: SILT

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
1	65.0	6.66	801
2	67.1	6.85	798
3	68.8	6.84	795

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	Iced?	Analysis
MW-4	3	40 mL VOA	HCl	Y	
MW-4	1	950 mL AMBER		Y	

aqua science engineers inc.

WELL SAMPLING FIELD LOG

Project Name and Address: LIM | OAKLAND
Job #: 2808 Date of sampling: 9/26/03
Well Name: MW-5 Sampled by: PH
Total depth of well (feet): 29.6 Well diameter (inches): 2
Depth to water before sampling (feet): 15.72
Thickness of floating product if any: —
Depth of well casing in water (feet): 13.88
Number of gallons per well casing volume (gallons): 2.4
Number of well casing volumes to be removed: 3
Req'd volume of groundwater to be purged before sampling (gallons): 7.1
Equipment used to purge the well: BAILER
Time Evacuation Began: 800 Time Evacuation Finished: 815
Approximate volume of groundwater purged: 7.2
Did the well go dry?: NO After how many gallons: —
Time samples were collected: 820
Depth to water at time of sampling: 16.12
Percent recovery at time of sampling: —
Samples collected with: BAILER
Sample color: — Odor: —
Description of sediment in sample: —

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
2.4	66.1	6.81	640
4.8	65.2	7.04	710
7.2	65.1	7.12	732

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	Iced?	Analysis
MW-5	5	40mL VOA	HCl	Y	
MW-5		950 AMBER	—	Y	

aqua science engineers inc.

WELL SAMPLING FIELD LOG

Project Name and Address: LIM | OAKLAND
Job #: 2806 Date of sampling: 9/23/03
Well Name: MW-6 Sampled by: DH
Total depth of well (feet): 29.5 Well diameter (inches): 2
Depth to water before sampling (feet): N/A - SONDE MALFUNCTION
Thickness of floating product if any: —
Depth of well casing in water (feet): ≈ 13
Number of gallons per well casing volume (gallons): 2
Number of well casing volumes to be removed: 3
Req'd volume of groundwater to be purged before sampling (gallons): 7
Equipment used to purge the well: BAILER
Time Evacuation Began: 1030 Time Evacuation Finished: 1055
Approximate volume of groundwater purged: 7
Did the well go dry?: NO After how many gallons: —
Time samples were collected: 1100
Depth to water at time of sampling: —
Percent recovery at time of sampling: —
Samples collected with: BAILER
Sample color: BROWN Odor: —
Description of sediment in sample: SILT

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
2	65.0	6.08	360
4	65.7	6.14	371
7	65.7	6.17	369

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	Iced?	Analysis
MW-6	5	40mL VOA	HCl	Y	
MW-6	1	950 mL AMBER	—	Y	

aqua science engineers inc.

WELL SAMPLING FIELD LOG

Project Name and Address: LIM | OAKLAND
Job #: 2508 Date of sampling: 4/25/03
Well Name: MW-7 Sampled by: OH
Total depth of well (feet): 29.2 Well diameter (inches): 2
Depth to water before sampling (feet): 16.29
Thickness of floating product if any: —
Depth of well casing in water (feet): 12.91
Number of gallons per well casing volume (gallons): 2.1
Number of well casing volumes to be removed: 3
Req'd volume of groundwater to be purged before sampling (gallons): 6.3
Equipment used to purge the well: BAILER
Time Evacuation Began: 840 Time Evacuation Finished: 905
Approximate volume of groundwater purged: 6.2
Did the well go dry?: NO After how many gallons: —
Time samples were collected: 910
Depth to water at time of sampling: 16.81
Percent recovery at time of sampling: —
Samples collected with: BAILER
Sample color: CLEAR Odor: HC
Description of sediment in sample: SILT

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
2.1	66.9	6.41	613
4.2	66.5	6.82	605
6.3	663	6.90	603

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	Iced?	Analysis
MW-7	5	40 mL VOA	HCl	Y	
MW-7	1	950 mL AMBER	—	Y	

APPENDIX B

Certified Analytical Report
and
Chain of Custody Documentation

KIFF ANALYTICAL LLC

Report Number : 35171
Date : 10/7/2003

Damian Hriciga
Aqua Science Engineers, Inc.
208 W. El Pintado Road
Danville, CA 94526

Subject : 6 Water Samples
Project Name : Lim Property
Project Number : 2808

Dear Mr. Hriciga,

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,

R. Paul Furry

R P Furry

KIFF ANALYTICAL LLC

Report Number : 35171
Date : 10/7/2003

Subject : 6 Water Samples
Project Name : Lim Property
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.
Matrix Spike/Matrix Spike Duplicate Results associated with sample MW-1 for the analyte Benzene were outside of control limits. This may indicate a bias for the sample that was spiked. Since the LCS recoveries were within control limits, no data are flagged.
Matrix Spike/Matrix Spike Duplicate Results associated with sample MW-1 for the analytes Toluene, Methyl-t-butyl ether were affected by the analyte concentrations already present in the un-spiked sample.

R Paul Furry

Approved By: R P Furry

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

KIFF ANALYTICAL LLC

Report Number : 35171
Date : 10/7/2003

Project Name : **Lim Property**
Project Number : **2808**

Sample : **MW-1** Matrix : Water Lab Number : 35171-01
Sample Date :9/26/2003

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	9/29/2003
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	9/29/2003
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	9/29/2003
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	9/29/2003
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	9/29/2003
TPH as Gasoline	**110**	50	ug/L	EPA 8260B	9/29/2003
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	9/29/2003
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	9/29/2003
Toluene - d8 (Surr)	93.3		% Recovery	EPA 8260B	9/29/2003
4-Bromofluorobenzene (Surr)	91.2		% Recovery	EPA 8260B	9/29/2003
Dibromofluoromethane (Surr)	99.5		% Recovery	EPA 8260B	9/29/2003
1,2-Dichloroethane-d4 (Surr)	98.6		% Recovery	EPA 8260B	9/29/2003
TPH as Diesel	**300**	50	ug/L	M EPA 8015	10/1/2003
Octacosane (Diesel Surrogate)	86.3		% Recovery	M EPA 8015	10/1/2003

Approved By: R P Furry

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

KIFF ANALYTICAL LLC

Report Number : 35171
Date : 10/7/2003

Project Name : **Lim Property**
Project Number : **2808**

Sample : **MW-2** Matrix : Water Lab Number : 35171-02
Sample Date :9/26/2003

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**9100**	50	ug/L	EPA 8260B	10/1/2003
Toluene	**3500**	50	ug/L	EPA 8260B	10/1/2003
Ethylbenzene	**1300**	50	ug/L	EPA 8260B	10/1/2003
Total Xylenes	**5000**	50	ug/L	EPA 8260B	10/1/2003
Methyl-t-butyl ether (MTBE)	**< 50**	50	ug/L	EPA 8260B	10/1/2003
TPH as Gasoline	**52000**	5000	ug/L	EPA 8260B	10/1/2003
1,2-Dichloroethane	**< 50**	50	ug/L	EPA 8260B	10/1/2003
1,2-Dibromoethane	**< 50**	50	ug/L	EPA 8260B	10/1/2003
Toluene - d8 (Surr)	95.2		% Recovery	EPA 8260B	10/1/2003
4-Bromofluorobenzene (Surr)	87.1		% Recovery	EPA 8260B	10/1/2003
Dibromofluoromethane (Surr)	98.3		% Recovery	EPA 8260B	10/1/2003
1,2-Dichloroethane-d4 (Surr)	98.7		% Recovery	EPA 8260B	10/1/2003
TPH as Diesel	**< 3000**	3000	ug/L	M EPA 8015	10/1/2003
Octacosane (Diesel Surrogate)	84.5		% Recovery	M EPA 8015	10/1/2003

Approved By: R P Furry

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

KIFF ANALYTICAL LLC

Report Number : 35171
Date : 10/7/2003

Project Name : **Lim Property**
Project Number : **2808**

Sample : **MW-4** Matrix : Water Lab Number : 35171-03
Sample Date :9/26/2003

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**9300**	50	ug/L	EPA 8260B	10/1/2003
Toluene	**17000**	50	ug/L	EPA 8260B	10/1/2003
Ethylbenzene	**2100**	50	ug/L	EPA 8260B	10/1/2003
Total Xylenes	**10000**	50	ug/L	EPA 8260B	10/1/2003
Methyl-t-butyl ether (MTBE)	**< 50**	50	ug/L	EPA 8260B	10/1/2003
TPH as Gasoline	**110000**	5000	ug/L	EPA 8260B	10/1/2003
1,2-Dichloroethane	**87**	50	ug/L	EPA 8260B	10/1/2003
1,2-Dibromoethane	**< 50**	50	ug/L	EPA 8260B	10/1/2003
Toluene - d8 (Surr)	93.9		% Recovery	EPA 8260B	10/1/2003
4-Bromofluorobenzene (Surr)	89.3		% Recovery	EPA 8260B	10/1/2003
Dibromofluoromethane (Surr)	97.6		% Recovery	EPA 8260B	10/1/2003
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	10/1/2003
TPH as Diesel	**< 4000**	4000	ug/L	M EPA 8015	10/1/2003
Octacosane (Diesel Surrogate)	90.5		% Recovery	M EPA 8015	10/1/2003

Approved By: R P Furry

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

KIFF ANALYTICAL LLC

Report Number : 35171
Date : 10/7/2003

Project Name : **Lim Property**
Project Number : **2808**

Sample : **MW-5** Matrix : Water Lab Number : 35171-04
Sample Date :9/26/2003

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	9/29/2003
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	9/29/2003
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	9/29/2003
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	9/29/2003
Methyl-t-butyl ether (MTBE)	**21**	0.50	ug/L	EPA 8260B	9/29/2003
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	9/29/2003
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	9/29/2003
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	9/29/2003
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	9/29/2003
4-Bromofluorobenzene (Surr)	106		% Recovery	EPA 8260B	9/29/2003
Dibromofluoromethane (Surr)	98.0		% Recovery	EPA 8260B	9/29/2003
1,2-Dichloroethane-d4 (Surr)	97.7		% Recovery	EPA 8260B	9/29/2003
TPH as Diesel	**700**	50	ug/L	M EPA 8015	10/1/2003
Octacosane (Diesel Surrogate)	109		% Recovery	M EPA 8015	10/1/2003

R Paul Furry

Approved By: R P Furry

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

KIFF ANALYTICAL LLC

Report Number : 35171
Date : 10/7/2003

Project Name : **Lim Property**
Project Number : **2808**

Sample : **MW-6** Matrix : Water Lab Number : 35171-05
Sample Date :9/26/2003

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	9/29/2003
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	9/29/2003
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	9/29/2003
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	9/29/2003
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	9/29/2003
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	9/29/2003
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	9/29/2003
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	9/29/2003
Toluene - d8 (Surr)	95.4		% Recovery	EPA 8260B	9/29/2003
4-Bromofluorobenzene (Surr)	99.4		% Recovery	EPA 8260B	9/29/2003
Dibromofluoromethane (Surr)	105		% Recovery	EPA 8260B	9/29/2003
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	9/29/2003
TPH as Diesel	**< 50**	50	ug/L	M EPA 8015	10/3/2003
Octacosane (Diesel Surrogate)	80.5		% Recovery	M EPA 8015	10/3/2003

Approved By: R P Furry

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

KIFF ANALYTICAL LLC

Report Number : 35171
Date : 10/7/2003

Project Name : **Lim Property**
Project Number : **2808**

Sample : **MW-7** Matrix : Water Lab Number : 35171-06
Sample Date :9/26/2003

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**230**	5.0	ug/L	EPA 8260B	10/1/2003
Toluene	**1800**	5.0	ug/L	EPA 8260B	10/1/2003
Ethylbenzene	**470**	5.0	ug/L	EPA 8260B	10/1/2003
Total Xylenes	**2200**	5.0	ug/L	EPA 8260B	10/1/2003
Methyl-t-butyl ether (MTBE)	**< 5.0**	5.0	ug/L	EPA 8260B	10/1/2003
TPH as Gasoline	**17000**	500	ug/L	EPA 8260B	10/1/2003
1,2-Dichloroethane	**< 5.0**	5.0	ug/L	EPA 8260B	10/1/2003
1,2-Dibromoethane	**< 5.0**	5.0	ug/L	EPA 8260B	10/1/2003
Toluene - d8 (Surr)	99.8		% Recovery	EPA 8260B	10/1/2003
4-Bromofluorobenzene (Surr)	108		% Recovery	EPA 8260B	10/1/2003
Dibromofluoromethane (Surr)	108		% Recovery	EPA 8260B	10/1/2003
1,2-Dichloroethane-d4 (Surr)	103		% Recovery	EPA 8260B	10/1/2003
TPH as Diesel	**< 1000**	1000	ug/L	M EPA 8015	10/1/2003
Octacosane (Diesel Surrogate)	98.7		% Recovery	M EPA 8015	10/1/2003

Approved By: R P Furry

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

Report Number : 35171

Date : 10/7/2003

QC Report : Method Blank Data

Project Name : **Lim Property**

Project Number : **2808**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	< 50	50	ug/L	M EPA 8015	9/30/2003
Octacosane (Diesel Surrogate)	92.7		%	M EPA 8015	9/30/2003
TPH as Diesel	< 50	50	ug/L	M EPA 8015	10/2/2003
Octacosane (Diesel Surrogate)	88.2		%	M EPA 8015	10/2/2003
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/29/2003
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/29/2003
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/29/2003
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/29/2003
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/29/2003
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/29/2003
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	9/29/2003
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	9/29/2003
Toluene - d8 (Surr)	92.1		%	EPA 8260B	9/29/2003
4-Bromofluorobenzene (Surr)	95.8		%	EPA 8260B	9/29/2003
Dibromofluoromethane (Surr)	98.2		%	EPA 8260B	9/29/2003
1,2-Dichloroethane-d4 (Surr)	98.9		%	EPA 8260B	9/29/2003
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/29/2003
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/29/2003
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/29/2003
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/29/2003
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/29/2003
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/29/2003
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	9/29/2003
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	9/29/2003
Toluene - d8 (Surr)	104		%	EPA 8260B	9/29/2003
4-Bromofluorobenzene (Surr)	106		%	EPA 8260B	9/29/2003
Dibromofluoromethane (Surr)	97.2		%	EPA 8260B	9/29/2003
1,2-Dichloroethane-d4 (Surr)	99.6		%	EPA 8260B	9/29/2003

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	10/1/2003
Toluene	< 0.50	0.50	ug/L	EPA 8260B	10/1/2003
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/1/2003
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	10/1/2003
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	10/1/2003
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	10/1/2003
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	10/1/2003
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	10/1/2003
Toluene - d8 (Surr)	104		%	EPA 8260B	10/1/2003
4-Bromofluorobenzene (Surr)	107		%	EPA 8260B	10/1/2003
Dibromofluoromethane (Surr)	104		%	EPA 8260B	10/1/2003
1,2-Dichloroethane-d4 (Surr)	104		%	EPA 8260B	10/1/2003
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/29/2003
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/29/2003
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/29/2003
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/29/2003
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/29/2003
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/29/2003
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	9/29/2003
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	9/29/2003
Toluene - d8 (Surr)	89.1		%	EPA 8260B	9/29/2003
4-Bromofluorobenzene (Surr)	84.7		%	EPA 8260B	9/29/2003
Dibromofluoromethane (Surr)	102		%	EPA 8260B	9/29/2003
1,2-Dichloroethane-d4 (Surr)	106		%	EPA 8260B	9/29/2003

Approved By: R P Furry

KIFF ANALYTICAL, LLC

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

Report Number : 35171

Date : 10/7/2003

QC Report : Method Blank Data

Project Name : **Lim Property**

Project Number : **2808**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/30/2003
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/30/2003
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/30/2003
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/30/2003
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/30/2003
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/30/2003
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	9/30/2003
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	9/30/2003
Toluene - d8 (Surr)	94.8		%	EPA 8260B	9/30/2003
4-Bromofluorobenzene (Surr)	85.8		%	EPA 8260B	9/30/2003
Dibromofluoromethane (Surr)	102		%	EPA 8260B	9/30/2003
1,2-Dichloroethane-d4 (Surr)	103		%	EPA 8260B	9/30/2003

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Approved By: R P Furry

KIFF ANALYTICAL, LLC

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

Report Number : 35171

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 10/7/2003

Project Name : **Lim Property**

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	1060	1080	ug/L	M EPA 8015	9/30/03	106	108	1.68	70-130	25
Benzene	35171-05	<0.50	40.0	40.0	39.4	39.8	ug/L	EPA 8260B	9/29/03	98.4	99.5	1.08	70-130	25
Toluene	35171-05	<0.50	40.0	40.0	38.6	35.3	ug/L	EPA 8260B	9/29/03	96.6	88.2	8.98	70-130	25
Tert-Butanol	35171-05	<5.0	200	200	208	211	ug/L	EPA 8260B	9/29/03	104	106	1.63	70-130	25
Methyl-t-Butyl Ether	35171-05	<0.50	40.0	40.0	43.0	41.2	ug/L	EPA 8260B	9/29/03	107	103	4.18	70-130	25
Benzene	35146-06	<0.50	40.0	40.0	38.4	37.6	ug/L	EPA 8260B	9/29/03	96.0	94.0	2.18	70-130	25
Toluene	35146-06	<0.50	40.0	40.0	40.6	38.9	ug/L	EPA 8260B	9/29/03	101	97.4	4.10	70-130	25
Tert-Butanol	35146-06	<5.0	200	200	195	191	ug/L	EPA 8260B	9/29/03	97.5	95.5	2.02	70-130	25
Methyl-t-Butyl Ether	35146-06	<0.50	40.0	40.0	41.0	41.9	ug/L	EPA 8260B	9/29/03	102	105	2.24	70-130	25
Benzene	35191-01	<0.50	40.0	40.0	38.3	38.1	ug/L	EPA 8260B	10/1/03	95.8	95.4	0.445	70-130	25
Toluene	35191-01	<0.50	40.0	40.0	40.8	39.7	ug/L	EPA 8260B	10/1/03	102	99.2	2.68	70-130	25
Tert-Butanol	35191-01	<5.0	200	200	200	196	ug/L	EPA 8260B	10/1/03	99.8	97.8	2.05	70-130	25
Methyl-t-Butyl Ether	35191-01	2.0	40.0	40.0	39.0	44.9	ug/L	EPA 8260B	10/1/03	92.4	107	14.6	70-130	25
Benzene	35075-09	18	40.0	40.0	81.7	78.5	ug/L	EPA 8260B	9/29/03	160	152	5.10	70-130	25
Toluene	35075-09	31	40.0	40.0	114	111	ug/L	EPA 8260B	9/29/03	208	200	3.69	70-130	25
Tert-Butanol	35075-09	<5.0	200	200	195	195	ug/L	EPA 8260B	9/29/03	97.4	97.4	0.0308	70-130	25
Methyl-t-Butyl Ether	35075-09	310	40.0	40.0	337	330	ug/L	EPA 8260B	9/29/03	76.1	58.5	26.1	70-130	25

Approved By: R P Furry

KIFF ANALYTICAL, LLC

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

Report Number : 35171

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 10/7/2003

Project Name : **Lim Property**

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	35170-02	<0.50	40.0	40.0	43.8	42.9	ug/L	EPA 8260B	9/30/03	109	107	1.98	70-130	25
Toluene	35170-02	<0.50	40.0	40.0	41.1	39.7	ug/L	EPA 8260B	9/30/03	103	99.2	3.51	70-130	25
Tert-Butanol	35170-02	65	200	200	268	262	ug/L	EPA 8260B	9/30/03	102	98.7	3.15	70-130	25
Methyl-t-Butyl Ether	35170-02	<0.50	40.0	40.0	45.8	44.3	ug/L	EPA 8260B	9/30/03	114	111	3.40	70-130	25
TPH as Diesel	Blank	<50	1000	1000	1010	1130	ug/L	M EPA 8015	10/2/03	101	113	11.3	70-130	25

Approved By: R P Furry

KIFF ANALYTICAL, LLC

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

Report Number : 35171

QC Report : Laboratory Control Sample (LCS)

Date : 10/7/2003

Project Name : **Lim Property**

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	9/29/03	97.6	70-130
Toluene	40.0	ug/L	EPA 8260B	9/29/03	93.8	70-130
Tert-Butanol	200	ug/L	EPA 8260B	9/29/03	106	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	9/29/03	92.2	70-130
Benzene	40.0	ug/L	EPA 8260B	9/29/03	97.3	70-130
Toluene	40.0	ug/L	EPA 8260B	9/29/03	105	70-130
Tert-Butanol	200	ug/L	EPA 8260B	9/29/03	100	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	9/29/03	100	70-130
Benzene	40.0	ug/L	EPA 8260B	10/1/03	93.8	70-130
Toluene	40.0	ug/L	EPA 8260B	10/1/03	100	70-130
Tert-Butanol	200	ug/L	EPA 8260B	10/1/03	96.4	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	10/1/03	103	70-130
Benzene	40.0	ug/L	EPA 8260B	9/29/03	110	70-130
Toluene	40.0	ug/L	EPA 8260B	9/29/03	98.5	70-130
Tert-Butanol	200	ug/L	EPA 8260B	9/29/03	100	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	9/29/03	105	70-130
Benzene	40.0	ug/L	EPA 8260B	9/30/03	108	70-130

Approved By: R P Furry

KIFF ANALYTICAL, LLC

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

Report Number : 35171

QC Report : Laboratory Control Sample (LCS)

Date : 10/7/2003

Project Name : **Lim Property**

Project Number : **2808**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Toluene	40.0	ug/L	EPA 8260B	9/30/03	103	70-130
Tert-Butanol	200	ug/L	EPA 8260B	9/30/03	97.0	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	9/30/03	110	70-130

R. Paul Furry

Approved By: R P Furry

KIFF ANALYTICAL, LLC

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

Calscience
Environmental
Laboratories, Inc.

October 06, 2003

Joel Kiff
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Subject: **Calscience Work Order No.: 03-09-1695**
Client Reference: Lim Property

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 9/30/2003 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Michael J. Crisostomo
Quality Assurance Manager

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 09/30/03
Work Order No: 03-09-1695
Preparation: N/A
Method: SM 5520B

Project: Lim Property

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-2	**03-09-1695-1**	**09/26/03**	**Aqueous**	**N/A**	**10/01/03**	**31001OGB1**

Parameter	Result	RL	DF	Qual	Units
Oil and Grease	ND	1.0	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-4	**03-09-1695-2**	**09/26/03**	**Aqueous**	**N/A**	**10/01/03**	**31001OGB1**

Parameter	Result	RL	DF	Qual	Units
Oil and Grease	ND	1.0	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-5	**03-09-1695-3**	**09/26/03**	**Aqueous**	**N/A**	**10/01/03**	**31001OGB1**

Parameter	Result	RL	DF	Qual	Units
Oil and Grease	ND	1.0	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-6	**03-09-1695-4**	**09/26/03**	**Aqueous**	**N/A**	**10/01/03**	**31001OGB1**

Parameter	Result	RL	DF	Qual	Units
Oil and Grease	ND	1.0	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-7	**03-09-1695-5**	**09/26/03**	**Aqueous**	**N/A**	**10/01/03**	**31001OGB1**

Parameter	Result	RL	DF	Qual	Units
Oil and Grease	ND	1.0	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-05-081-1,427**	**N/A**	**Aqueous**	**N/A**	**10/01/03**	**31001OGB1**

Parameter	Result	RL	DF	Qual	Units
Oil and Grease	ND	1.0	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Project: Lim Property

Date Received: 09/30/03
Work Order No: 03-09-1695
Preparation: N/A
Method: SM 5520B

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
MW-7	Aqueous	N/A	N/A	10/01/03	31001OGD1

Parameter	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Oil and Grease	ND	ND	NA	0-25	

Calscience Environmental Laboratories, Inc.

GLOSSARY OF TERMS AND QUALIFIERS

Work Order Number: 03-09-1695

Qualifier	Definition
ND	Not detected at indicated reporting limit.

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 03-09-1695

Cooler 1, 2 of 2

SAMPLE RECEIPT FORM

CLIENT: KIFF DATE: 093003

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

3 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: NC

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: ✓ No (Not Intact) : _____ Not Applicable (N/A): _____

Initial: NC

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: NC

COMMENTS:

KIFF ANALYTICAL LLC

2795 Second Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4808

Cal Science Environmental
7440 Lincoln Way
Garden Grove, CA 92841
714-895-5494

Lab No. 1695

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF to): Joel Kiff	Geotracker COELT EDD REPORT? X YES ___ NO
Company/Address: Kiff Analytical, LLC	Sampling Company Log Code: ASED
Phone No.:	FAX No.:
Global ID: T0600100535	
Project Number: 2808	P.O. No.: 35171
EDF Deliverable to (Email Address): inbox@kiffanalytical.com	
Project Name: Lim Property	E-mail address: inbox@kiffanalytical.com
Project Address:	

Analysis Request

Sample Designation	Sampling Date	Sampling Time	Container: Glass Jar	Container: Poly	Container: Amber	Container: Sleeve	Preservative: HCl	Preservative: HNO3	Preservative: ICE	Preservative: NONE	Preservative: H2SO4	Matrix: WATER	Matrix: SOIL	OIL & GREASE (EPA 5520)							October 6, 2003	For Lab Use Only
MW-2	9/26/2003	1020			2				X	X		X		X							X	1
MW-4	9/26/2003	0950			2				X	X		X		X							X	2
MW-5	9/26/2003	0820			2				X	X		X		X							X	3
MW-6	9/26/2003	1100			2				X	X		X		X							X	4
MW-7	9/26/2003	0910			2				X	X		X		X							X	5

Relinquished by: Osama Abdalla / Kiff Analytical	Date 092903	Time 1830	Received by:	Remarks:
Relinquished by:	Date	Time	Received by:	
Relinquished by:	Date 09/30/03	Time 0900	Received by Laboratory:	Bill to:

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

Chain of Custody

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PAGE 1 OF 1

SAMPLER (SIGNATURE) DAMIAN HRICIGA

PROJECT NAME Lim Property JOB NO. 2808

ADDRESS 8th St., Oakland

ANALYSIS REQUEST

PLEASE SEND REPORT TO:
DHRICIGA@AQUASCIENCEENGINEERS.COM
PLEASE INCLUDE EDF. ID# T0600100535

SAMPLE ID.	DATE	TIME	MATRIX	NO. OF SAMPLES	TPH-DIESEL (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) HYDROCARBON	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)	TPH-G/BTEX/5 OXY'S (EPA 8260)	TPH-G/BTEX/ MTBE / LEAD SCAVANGERS (EPA 8260)			
MW-1	9/20/05	~~1057~~ 1145	W		x													x			01
MW-2		1020	W		x					x								x			02
MW-4		~~958~~ 958	W		x					x								x			03
MW-5		820	W		x					x								x			04
MW-6		1100	W		x					x								x			05
MW-7		910	W		x					x								x			06

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY LABORATORY:	COMMENTS:
(signature) 845 (time)	(signature) (time)	(signature) (time)	(signature) Michelle Woodworth 0845 (time)	
DAMIAN HRICIGA (printed name) 9/23/05 (date)	(printed name) (date)	(printed name) (date)	Michelle Woodworth 092903 (printed name) (date)	TURN AROUND TIME: (STANDARD) 24Hr 48Hr 72Hr
Company- Aqua Science Engineers, Inc.	Company-	Company-	Company- Kiff Analytical	OTHER: