aqua science engineers inc.

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QUARTERLY GROUNDWATER MONITORING REPORT
MARCH 2006 GROUNDWATER SAMPLING
at
Lim Family Property
250 8th Street
Oakland, California

Submitted by:
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1.0 INTRODUCTION

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

2.0 GROUNDWATER FLOW DIRECTION AND GRADIENT

On March 15, 2006, ASE measured the depth to water in monitoring wells MW-1 through MW-7 using an electric water level sounder. The surface of the groundwater was also checked for the presence of free-floating hydrocarbons or sheen. Monitoring well MW-3 contained 2.41-feet of free-floating hydrocarbons, a 1.24-foot increase from the previous quarter. The product was subsequently bailed by ASE and contained in a sealed and labeled 55-gallon steel drum for temporary storage until off-site disposal can be arranged. 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. Groundwater elevations in monitoring wells MW-1 and MW-3 were anomalous this quarter, and were not used for contouring. The groundwater flow direction at the site is generally to the south with an approximate gradient of 0.01 feet/foot during this quarterly sampling period. The gradient and flow direction are consistent with previous findings.

3.0 MONITORING WELL SAMPLING

On March 15, 2006, 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

- Hydrocarbon concentrations in groundwater samples collected from monitoring well MW-1 remained very similar to previous results.
- Concentrations of TPH-G, benzene, toluene, ethyl benzene and total xylenes increased in groundwater samples collected from monitoring well MW-2.
- Monitoring well MW-3 contained 2.41 feet of free-floating hydrocarbons, which is 1.24 feet greater than measured the previous quarter.
- Concentrations of toluene, ethyl benzene and total xylenes increased in groundwater samples collected from monitoring well MW-4; TPH-G and benzene concentrations, however, decreased in the same sample.
- MTBE was the only petroleum hydrocarbon detected in groundwater samples collected from monitoring wells MW-5 at 3.3 part per billion, which is generally consistant with previous findings
- No petroleum hydrocarbons were detected in groundwater samples collected from monitoring well MW-6.
- There was a significant decrease in all petroleum hydrocarbon concentrations in groundwater samples collected from monitoring well MW-7, with all hydrocarbon concentrations at a historic low.

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

- Concentrations of TPH-G and xylene in groundwater samples collected from monitoring well MW-7 exceeded the ESLs.

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. This work has been approved by the Alameda County Health Care Services Agency (ACHCSA), and will be conducted once funds are received from the California State UST Cleanup Fund for work previously performed at the site. In addition, quarterly groundwater monitoring will continue at the site. The next sampling event is scheduled for June 2006.

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.

Mike Rauser
Project Geologist

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

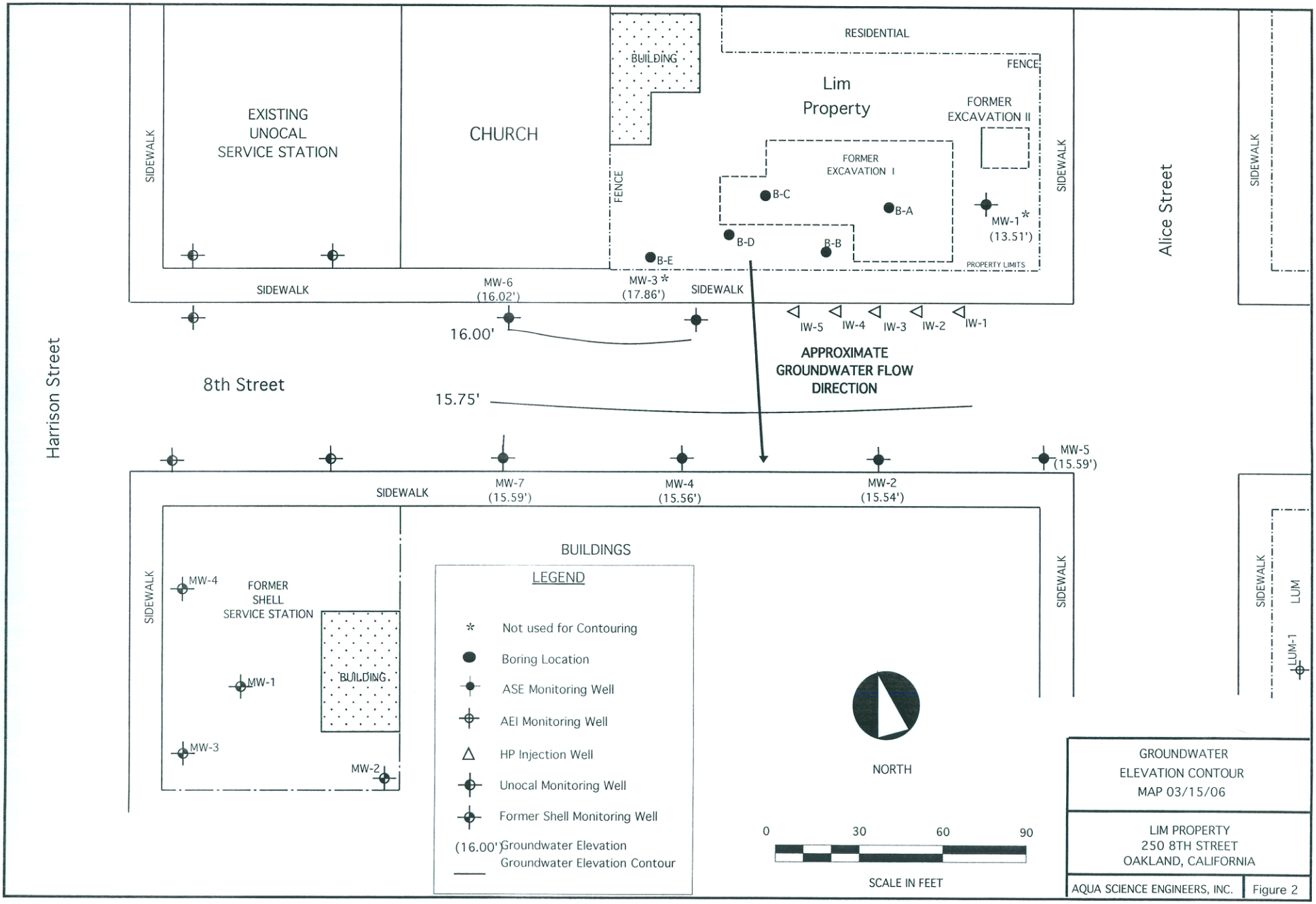
Attachments: Figures 1 and 2
Tables One, Two, and Three
Appendices A and B

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

FIGURES

NORTH

LOCATION MAP	
LIM PROPERTY 250 8TH STREET OAKLAND, CALIFORNIA	
AQUA SCIENCE ENGINEERS	FIGURE 1


RESIDENTIAL
BUILDING
FENCE
Lim
Property
FORMER
EXCAVATION II
EXISTING
UNOCAL
SERVICE STATION
CHURCH
SIDEWALK
FORMER
EXCAVATION I
B-C
B-A
MW-1 *
(13.51')
B-D
B-B
B-E
PROPERTY LIMITS
SIDEWALK
MW-6
(16.02')
MW-3 *
(17.86')
SIDEWALK
IW-5
IW-4
IW-3
IW-2
IW-1
16.00'
APPROXIMATE
GROUNDWATER FLOW
DIRECTION
Alice Street
SIDEWALK
Harrison Street
8th Street
15.75'
MW-5
(15.59')
SIDEWALK
MW-7
(15.59')
MW-4
(15.56')
MW-2
(15.54')
BUILDINGS
SIDEWALK
SIDEWALK
LUM
LUM-1
MW-4
FORMER
SHELL
SERVICE STATION
MW-1
BUILDING
MW-3
MW-2
LEGEND
* Not used for Contouring
Boring Location
ASE Monitoring Well
AEI Monitoring Well
HP Injection Well
Unocal Monitoring Well
Former Shell Monitoring Well
(16.00') Groundwater Elevation
Groundwater Elevation Contour
NORTH
0
30
60
90
SCALE IN FEET
GROUNDWATER
ELEVATION CONTOUR
MAP 03/15/06
LIM PROPERTY
250 8TH STREET
OAKLAND, CALIFORNIA
AQUA SCIENCE ENGINEERS, INC.
Figure 2

TABLES

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
	12/06/05		16.21		13.51
	03/15/06		**16.21**		**13.51**

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
	12/06/05		15.35		12.84
	03/15/06		**12.65**		**15.54**

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*
	12/06/05		15.04	1.17	14.48*
	03/15/06		**12.65**	**2.41**	**17.86***

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
	12/06/05		15.71		12.90
	03/15/06		**13.05**		**15.56**

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
	12/06/05		15.60		12.80
	03/15/06		**12.81**		**15.59**
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
	12/06/05		15.69		13.51
	03/15/06		**13.14**		**16.06**

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
	12/06/05		16.05		12.90
	03/15/06		**13.36**		**15.59**

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
12/06/05	140	67	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
03/15/06	**170**	**< 80**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**

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
12/06/05	26,000	< 800	6,100	940	770	2,000	< 15
03/15/06	**33,000**	**< 1,500**	**7,700**	**2,600**	**1,400**	**4,200**	**< 15**

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						
12/06/05	NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS						
03/15/06	**NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS**						

TABLE TWO

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

Well/ Date Sampled	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE
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
12/06/05	81,000	< 1,500	8,900	7,200	2,200	9,500	< 20
03/15/06	**68,000**	**< 3,000**	**7,300**	**14,000**	**2,500**	**10,000**	**< 20**
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
12/06/05	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
03/15/06	**< 50**	**< 50**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**3.3**

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
12/06/05	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
03/15/06	**< 50**	**< 50**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**
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
12/06/05	22,000	< 600	240	2,300	800	3,400	< 5.0
03/15/06	**3,800**	**< 200**	**4.6**	**160**	**120**	**620**	**< 0.50**
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 - < 10,00(	< 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 - < 25,00(	-	-	-
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 - < 20,00(	-	-	-
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 - < 25,00(	-	-	-
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 - < 25,00(	-	-	-

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	< 2.5
1,2 dibromoethane	-	< 50	NOT	< 100	< 0.50	< 0.50	< 2.5
Other VOCs	-	-	SAMPLED	-	-	-	-
6/23/03							
Oil and Grease	-	< 1,000	FREE	< 1,000	< 1,000	< 1,000	< 1,000
1,2 dichloroethane	< 0.5	< 50	PRODUCT	< 100	< 0.50	< 0.50	< 10
1,2 dibromoethane	< 0.5	< 50	NOT	< 100	< 0.50	< 0.50	< 10
Other VOCs	-	-	SAMPLED	-	-	-	-

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	-	-	-	-	-	-	-
1,2 dichloroethane	< 0.5	< 15	FREE	62	< 0.50	< 0.50	< 0.50
1,2 dibromoethane	< 0.5	< 15	PRODUCT	< 20	< 0.50	< 0.50	< 0.50
Other VOCs	< 0.5	< 15	NOT	DIPE @ 23	DIPE @ 1.7	< 0.50	< 0.50
TBA	< 5.0	< 70	SAMPLED	< 5.0	< 5.0	< 5.0	
3/15/06							
Oil and Grease	-	-	-	-	-	-	-
1,2 dichloroethane	< 0.5	< 15	FREE	< 20	< 0.50	< 0.50	< 0.50
1,2 dibromoethane	< 0.5	< 15	PRODUCT	< 20	< 0.50	< 0.50	< 0.50
Other VOCs	-	-	NOT	-	-	-	-
TBA	-	-	SAMPLED	-	-	-	-

APPENDIX A

Well Sampling Field Log

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME	Lim		
JOB NUMBER	2508	DATE OF SAMPLING	3/15/06
WELL ID.	MW-1	SAMPLER	dr
TOTAL DEPTH OF WELL	24.8	WELL DIAMETER	2
DEPTH TO WATER PRIOR TO PURGING	16.21		
PRODUCT THICKNESS	Ø		
DEPTH OF WELL CASING IN WATER	10.59		
NUMBER OF GALLONS PER WELL CASING VOLUME	1.8		
NUMBER OF WELL CASING VOLUMES TO BE REMOVE	3		
REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING	5.4		
EQUIPMENT USED TO PURGE WELL	disposable bailer		
TIME EVACUATION STARTED	913	TIME EVACUATION COMPLETED	934
TIME SAMPLES WERE COLLECTED	935		
DID WELL GO DRY	—	AFTER HOW MANY GALLONS	—
VOLUME OF GROUNDWATER PURGED	5.4		
SAMPLING DEVICE	disposable bailer		
SAMPLE COLOR	clear	ODOR/SEDIMENT	no

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	63.2	6.37	590
2	63.4	6.50	540
3	63.5	6.53	536

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-1	5	40ml VOA	tph-g&d, btex, mtbe	Y

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME	Lim		
JOB NUMBER	2808	DATE OF SAMPLING	3/15/06
WELL ID.	MW-2	SAMPLER	dr
TOTAL DEPTH OF WELL	24.8	WELL DIAMETER	2
DEPTH TO WATER PRIOR TO PURGING	12.65		
PRODUCT THICKNESS	Ø		
DEPTH OF WELL CASING IN WATER	14.45		
NUMBER OF GALLONS PER WELL CASING VOLUME	2.4		
NUMBER OF WELL CASING VOLUMES TO BE REMOVE	3		
REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING	7.21		
EQUIPMENT USED TO PURGE WELL	disposable bailer		
TIME EVACUATION STARTED	8 17	TIME EVACUATION COMPLETED	8 34
TIME SAMPLES WERE COLLECTED	8 35		
DID WELL GO DRY	✓	AFTER HOW MANY GALLONS	✓
VOLUME OF GROUNDWATER PURGED	7.21		
SAMPLING DEVICE	disposable bailer		
SAMPLE COLOR		ODOR/SEDIMENT	

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	59.2	6.60	680
2	60.2	6.48	691
3	60.3	4.45	692

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-2	5	40ml VOA	tph-g&d, btex, mtbe	Y

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME	Lim		
JOB NUMBER	2808	DATE OF SAMPLING	3/15/06
WELL ID.	MW-3	SAMPLER	dr
TOTAL DEPTH OF WELL		WELL DIAMETER	2
DEPTH TO WATER PRIOR TO PURGING	14.61 - 12.20		
PRODUCT THICKNESS	2.41		
DEPTH OF WELL CASING IN WATER			
NUMBER OF GALLONS PER WELL CASING VOLUME			
NUMBER OF WELL CASING VOLUMES TO BE REMOVE	3		
REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING			
EQUIPMENT USED TO PURGE WELL	disposable bailer		
TIME EVACUATION STARTED		TIME EVACUATION COMPLETED	
TIME SAMPLES WERE COLLECTED			
DID WELL GO DRY		AFTER HOW MANY GALLONS	
VOLUME OF GROUNDWATER PURGED			
SAMPLING DEVICE	disposable bailer		
SAMPLE COLOR		ODOR/SEDIMENT	

CHEMICAL DATA

* NOT SAMPLED *

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1			
2			
3			

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
	5	40ml VOA	tph-g&d, btex, mtbe	Y

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME	Lim		
JOB NUMBER	2808	DATE OF SAMPLING	3/15/06
WELL ID.	MW-4	SAMPLER	dr
TOTAL DEPTH OF WELL	21.8	WELL DIAMETER	2
DEPTH TO WATER PRIOR TO PURGING	13.05		
PRODUCT THICKNESS	Ø		
DEPTH OF WELL CASING IN WATER	8.75		
NUMBER OF GALLONS PER WELL CASING VOLUME	1.49		
NUMBER OF WELL CASING VOLUMES TO BE REMOVE	3		
REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING	4.47		
EQUIPMENT USED TO PURGE WELL	disposable bailer		
TIME EVACUATION STARTED	802	TIME EVACUATION COMPLETED	814
TIME SAMPLES WERE COLLECTED	815		
DID WELL GO DRY	/	AFTER HOW MANY GALLONS	/
VOLUME OF GROUNDWATER PURGED	4.47		
SAMPLING DEVICE	disposable bailer		
SAMPLE COLOR	clear	ODOR/SEDIMENT	Nc

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	61.5	7.00	555
2	61.7	6.75	560
3	61.8	6.71	567

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-4	5	40ml VOA	tph-g&d, btex, mtbe	Y

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME	Lim		
JOB NUMBER	2808	DATE OF SAMPLING	3/15/06
WELL ID.	MW-5	SAMPLER	dr
TOTAL DEPTH OF WELL	29.6	WELL DIAMETER	2
DEPTH TO WATER PRIOR TO PURGING	12.81		
PRODUCT THICKNESS	/		
DEPTH OF WELL CASING IN WATER	16.79		
NUMBER OF GALLONS PER WELL CASING VOLUME	2.85		
NUMBER OF WELL CASING VOLUMES TO BE REMOVE	3		
REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING	8.55		
EQUIPMENT USED TO PURGE WELL	disposable bailer		
TIME EVACUATION STARTED	840	TIME EVACUATION COMPLETED	910
TIME SAMPLES WERE COLLECTED	911		
DID WELL GO DRY	/	AFTER HOW MANY GALLONS	/
VOLUME OF GROUNDWATER PURGED	8.55		
SAMPLING DEVICE	disposable bailer		
SAMPLE COLOR	clear	ODOR/SEDIMENT	no

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	59.0	4.71	621
2	61.3	4.70	629
3	61.8	4.65	634

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-5	5	40ml VOA	tph-g&d, btex, mtbe	Y

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME Lim

JOB NUMBER 2808 DATE OF SAMPLING 3/15/06

WELL ID. MW-6 SAMPLER dr

TOTAL DEPTH OF WELL 29.5 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 13.14

PRODUCT THICKNESS

DEPTH OF WELL CASING IN WATER

NUMBER OF GALLONS PER WELL CASING VOLUME

NUMBER OF WELL CASING VOLUMES TO BE REMOVE 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING

EQUIPMENT USED TO PURGE WELL disposable bailer

TIME EVACUATION STARTED TIME EVACUATION COMPLETED

TIME SAMPLES WERE COLLECTED

DID WELL GO DRY AFTER HOW MANY GALLONS

VOLUME OF GROUNDWATER PURGED

SAMPLING DEVICE disposable bailer

SAMPLE COLOR ODOR/SEDIMENT

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	60.0	7.21	315
2	61.7	7.30	310
3	61.7	7.34	306

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-6	5	40ml VOA	tph-g&d, btex, mtbe	Y

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME	Lim		
JOB NUMBER	2808	DATE OF SAMPLING	3/15/06
WELL ID.	MW-7	SAMPLER	dr
TOTAL DEPTH OF WELL	29.70	WELL DIAMETER	2
DEPTH TO WATER PRIOR TO PURGING	13.36		
PRODUCT THICKNESS	0		
DEPTH OF WELL CASING IN WATER	13.34		
NUMBER OF GALLONS PER WELL CASING VOLUME	2.78		
NUMBER OF WELL CASING VOLUMES TO BE REMOVE	3		
REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING	8.34		
EQUIPMENT USED TO PURGE WELL	disposable bailer		
TIME EVACUATION STARTED	745	TIME EVACUATION COMPLETED	759
TIME SAMPLES WERE COLLECTED	800		
DID WELL GO DRY	/	AFTER HOW MANY GALLONS	/
VOLUME OF GROUNDWATER PURGED	8.34		
SAMPLING DEVICE	disposable bailer		
SAMPLE COLOR	clear	ODOR/SEDIMENT	h.c

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	60.2	7.42	425
2	60.4	7.55	420
3	60.6	7.61	415

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-7	5	40ml VOA	tph-g&d, btex, mtbe	Y

APPENDIX B

Certified Analytical Report
and
Chain of Custody Documentation

KIFF Analytical LLC

Report Number : 48995
Date : 03/27/2006

David Allen
Aqua Science Engineers, Inc.
208 West El Pintado Rd.
Danville, CA 94526

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

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 : 48995
Date : 03/27/2006

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

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 : 48995

Date : 03/27/2006

Project Name : **LIM**

Project Number :

Sample : **MW-1** Matrix : Water Lab Number : 48995-01

Sample Date :03/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	03/21/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	03/21/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	03/21/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	03/21/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	03/21/2006
TPH as Gasoline	**170**	50	ug/L	EPA 8260B	03/21/2006
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	03/21/2006
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	03/21/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	03/21/2006
4-Bromofluorobenzene (Surr)	98.9		% Recovery	EPA 8260B	03/21/2006
Dibromofluoromethane (Surr)	112		% Recovery	EPA 8260B	03/21/2006
1,2-Dichloroethane-d4 (Surr)	103		% Recovery	EPA 8260B	03/21/2006
TPH as Diesel (Silica Gel)	**< 80**	80	ug/L	M EPA 8015	03/24/2006
Octacosane (Diesel Surrogate)	89.0		% Recovery	M EPA 8015	03/24/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 48995

Date : 03/27/2006

Project Name : **LIM**

Project Number :

Sample : **MW-2** Matrix : Water Lab Number : 48995-02

Sample Date :03/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**7700**	15	ug/L	EPA 8260B	03/22/2006
Toluene	**2600**	15	ug/L	EPA 8260B	03/22/2006
Ethylbenzene	**1400**	15	ug/L	EPA 8260B	03/22/2006
Total Xylenes	**4200**	15	ug/L	EPA 8260B	03/22/2006
Methyl-t-butyl ether (MTBE)	**< 15**	15	ug/L	EPA 8260B	03/22/2006
TPH as Gasoline	**33000**	1500	ug/L	EPA 8260B	03/22/2006
1,2-Dichloroethane	**< 15**	15	ug/L	EPA 8260B	03/22/2006
1,2-Dibromoethane	**< 15**	15	ug/L	EPA 8260B	03/22/2006
Toluene - d8 (Surr)	107		% Recovery	EPA 8260B	03/22/2006
4-Bromofluorobenzene (Surr)	99.4		% Recovery	EPA 8260B	03/22/2006
Dibromofluoromethane (Surr)	102		% Recovery	EPA 8260B	03/22/2006
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	03/22/2006
TPH as Diesel (Silica Gel)	**< 1500**	1500	ug/L	M EPA 8015	03/24/2006
Octacosane (Diesel Surrogate)	86.6		% Recovery	M EPA 8015	03/24/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 48995
Date : 03/27/2006

Project Name : **LIM**
Project Number :

Sample : **MW-4** Matrix : Water Lab Number : 48995-03
Sample Date :03/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**7300**	20	ug/L	EPA 8260B	03/22/2006
Toluene	**14000**	40	ug/L	EPA 8260B	03/24/2006
Ethylbenzene	**2500**	20	ug/L	EPA 8260B	03/22/2006
Total Xylenes	**10000**	20	ug/L	EPA 8260B	03/22/2006
Methyl-t-butyl ether (MTBE)	**< 20**	20	ug/L	EPA 8260B	03/22/2006
TPH as Gasoline	**68000**	2000	ug/L	EPA 8260B	03/22/2006
1,2-Dichloroethane	**< 20**	20	ug/L	EPA 8260B	03/22/2006
1,2-Dibromoethane	**< 20**	20	ug/L	EPA 8260B	03/22/2006
Toluene - d8 (Surr)	106		% Recovery	EPA 8260B	03/22/2006
4-Bromofluorobenzene (Surr)	96.1		% Recovery	EPA 8260B	03/22/2006
Dibromofluoromethane (Surr)	100		% Recovery	EPA 8260B	03/22/2006
1,2-Dichloroethane-d4 (Surr)	103		% Recovery	EPA 8260B	03/22/2006
TPH as Diesel (Silica Gel)	**< 3000**	3000	ug/L	M EPA 8015	03/24/2006
Octacosane (Diesel Surrogate)	89.6		% Recovery	M EPA 8015	03/24/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 48995

Date : 03/27/2006

Project Name : **LIM**

Project Number :

Sample : **MW-5** Matrix : Water Lab Number : 48995-04

Sample Date :03/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	03/22/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	03/22/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	03/22/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	03/22/2006
Methyl-t-butyl ether (MTBE)	**3.3**	0.50	ug/L	EPA 8260B	03/22/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	03/22/2006
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	03/22/2006
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	03/22/2006
Toluene - d8 (Surr)	99.9		% Recovery	EPA 8260B	03/22/2006
4-Bromofluorobenzene (Surr)	96.7		% Recovery	EPA 8260B	03/22/2006
Dibromofluoromethane (Surr)	111		% Recovery	EPA 8260B	03/22/2006
1,2-Dichloroethane-d4 (Surr)	103		% Recovery	EPA 8260B	03/22/2006
TPH as Diesel (Silica Gel)	**< 50**	50	ug/L	M EPA 8015	03/24/2006
Octacosane (Diesel Surrogate)	88.6		% Recovery	M EPA 8015	03/24/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 48995
Date : 03/27/2006

Project Name : **LIM**
Project Number :

Sample : **MW-6** Matrix : Water Lab Number : 48995-05
Sample Date :03/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	03/21/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	03/21/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	03/21/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	03/21/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	03/21/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	03/21/2006
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	03/21/2006
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	03/21/2006
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	03/21/2006
4-Bromofluorobenzene (Surr)	98.8		% Recovery	EPA 8260B	03/21/2006
Dibromofluoromethane (Surr)	106		% Recovery	EPA 8260B	03/21/2006
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	03/21/2006
TPH as Diesel (Silica Gel)	**< 50**	50	ug/L	M EPA 8015	03/24/2006
Octacosane (Diesel Surrogate)	89.6		% Recovery	M EPA 8015	03/24/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 48995
Date : 03/27/2006

Project Name : **LIM**
Project Number :

Sample : **MW-7** Matrix : Water Lab Number : 48995-06
Sample Date :03/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**4.6**	0.50	ug/L	EPA 8260B	03/27/2006
Toluene	**160**	0.50	ug/L	EPA 8260B	03/27/2006
Ethylbenzene	**120**	0.50	ug/L	EPA 8260B	03/27/2006
Total Xylenes	**620**	0.50	ug/L	EPA 8260B	03/27/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	03/27/2006
TPH as Gasoline	**3800**	50	ug/L	EPA 8260B	03/27/2006
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	03/27/2006
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	03/27/2006
Toluene - d8 (Surr)	98.7		% Recovery	EPA 8260B	03/27/2006
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	03/27/2006
Dibromofluoromethane (Surr)	112		% Recovery	EPA 8260B	03/27/2006
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	03/27/2006
TPH as Diesel (Silica Gel)	**< 200**	200	ug/L	M EPA 8015	03/24/2006
Octacosane (Diesel Surrogate)	90.0		% Recovery	M EPA 8015	03/24/2006

Approved By: Joel Kiff

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

Report Number : 48995

Date : 03/27/2006

QC Report : Method Blank Data

Project Name : **LIM**

Project Number :

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	03/22/2006
Octacosane (Diesel Surrogate)	89.8		%	M EPA 8015	03/22/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	03/21/2006
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
Toluene - d8 (Surr)	97.6		%	EPA 8260B	03/21/2006
4-Bromofluorobenzene (Surr)	100		%	EPA 8260B	03/21/2006
Dibromofluoromethane (Surr)	99.1		%	EPA 8260B	03/21/2006
1,2-Dichloroethane-d4 (Surr)	101		%	EPA 8260B	03/21/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/24/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	03/21/2006
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
Toluene - d8 (Surr)	102		%	EPA 8260B	03/21/2006
4-Bromofluorobenzene (Surr)	97.1		%	EPA 8260B	03/21/2006
Dibromofluoromethane (Surr)	106		%	EPA 8260B	03/21/2006
1,2-Dichloroethane-d4 (Surr)	98.0		%	EPA 8260B	03/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	03/21/2006
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
Toluene - d8 (Surr)	100		%	EPA 8260B	03/21/2006
4-Bromofluorobenzene (Surr)	101		%	EPA 8260B	03/21/2006
Dibromofluoromethane (Surr)	109		%	EPA 8260B	03/21/2006
1,2-Dichloroethane-d4 (Surr)	102		%	EPA 8260B	03/21/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	03/21/2006
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	03/21/2006
Toluene - d8 (Surr)	99.8		%	EPA 8260B	03/21/2006
4-Bromofluorobenzene (Surr)	96.9		%	EPA 8260B	03/21/2006
Dibromofluoromethane (Surr)	111		%	EPA 8260B	03/21/2006
1,2-Dichloroethane-d4 (Surr)	102		%	EPA 8260B	03/21/2006

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 48995

Date : 03/27/2006

QC Report : Method Blank Data

Project Name : **LIM**

Project Number :

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/27/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/27/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/27/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/27/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/27/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	03/27/2006
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	03/27/2006
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	03/27/2006
Toluene - d8 (Surr)	97.9		%	EPA 8260B	03/27/2006
4-Bromofluorobenzene (Surr)	99.2		%	EPA 8260B	03/27/2006
Dibromofluoromethane (Surr)	112		%	EPA 8260B	03/27/2006
1,2-Dichloroethane-d4 (Surr)	103		%	EPA 8260B	03/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 48995

Date : 03/27/2006

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **LIM**

Project Number :

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	772	816	ug/L	M EPA 8015	3/22/06	77.2	81.6	5.58	70-130	25
Benzene	48996-11	6.6	39.8	39.6	47.0	46.2	ug/L	EPA 8260B	3/21/06	102	100	1.48	70-130	25
Toluene	48996-11	5.0	39.8	39.6	43.8	43.6	ug/L	EPA 8260B	3/21/06	97.4	97.4	0.0164	70-130	25
Tert-Butanol	48996-11	8.0	199	198	202	196	ug/L	EPA 8260B	3/21/06	97.9	95.2	2.76	70-130	25
Methyl-t-Butyl Ether	48996-11	<0.50	39.8	39.6	43.5	44.1	ug/L	EPA 8260B	3/21/06	109	111	1.71	70-130	25
Benzene	49106-05	<0.50	40.0	40.0	41.2	40.8	ug/L	EPA 8260B	3/24/06	103	102	1.02	70-130	25
Toluene	49106-05	<0.50	40.0	40.0	39.9	39.1	ug/L	EPA 8260B	3/24/06	99.8	97.7	2.13	70-130	25
Tert-Butanol	49106-05	<5.0	200	200	207	207	ug/L	EPA 8260B	3/24/06	103	103	0.0648	70-130	25
Methyl-t-Butyl Ether	49106-05	<0.50	40.0	40.0	40.0	40.1	ug/L	EPA 8260B	3/24/06	100	100	0.152	70-130	25
Benzene	49002-04	7.8	40.0	40.0	49.8	47.9	ug/L	EPA 8260B	3/21/06	105	100	4.46	70-130	25
Toluene	49002-04	<0.50	40.0	40.0	43.1	41.8	ug/L	EPA 8260B	3/21/06	108	104	3.14	70-130	25
Tert-Butanol	49002-04	<5.0	200	200	209	210	ug/L	EPA 8260B	3/21/06	104	105	0.442	70-130	25
Methyl-t-Butyl Ether	49002-04	24	40.0	40.0	66.1	65.4	ug/L	EPA 8260B	3/21/06	105	103	1.75	70-130	25
Benzene	49001-08	<0.50	40.0	40.0	43.8	43.5	ug/L	EPA 8260B	3/21/06	110	109	0.718	70-130	25
Toluene	49001-08	<0.50	40.0	40.0	44.3	44.2	ug/L	EPA 8260B	3/21/06	111	110	0.366	70-130	25
Tert-Butanol	49001-08	<5.0	200	200	202	212	ug/L	EPA 8260B	3/21/06	101	106	4.93	70-130	25
Methyl-t-Butyl Ether	49001-08	1.6	40.0	40.0	43.3	43.5	ug/L	EPA 8260B	3/21/06	104	104	0.331	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 48995

Date : 03/27/2006

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **LIM**

Project Number :

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	49050-07	<0.50	40.0	40.0	45.0	44.4	ug/L	EPA 8260B	3/21/06	112	111	1.18	70-130	25
Toluene	49050-07	<0.50	40.0	40.0	44.9	44.5	ug/L	EPA 8260B	3/21/06	112	111	0.862	70-130	25
Tert-Butanol	49050-07	<5.0	200	200	207	207	ug/L	EPA 8260B	3/21/06	103	103	0.00769	70-130	25
Methyl-t-Butyl Ether	49050-07	<0.50	40.0	40.0	42.3	36.7	ug/L	EPA 8260B	3/21/06	106	91.7	14.2	70-130	25
Benzene	49138-03	<0.50	40.0	40.0	40.9	39.4	ug/L	EPA 8260B	3/27/06	102	98.6	3.75	70-130	25
Toluene	49138-03	<0.50	40.0	40.0	41.4	40.0	ug/L	EPA 8260B	3/27/06	104	100	3.46	70-130	25
Tert-Butanol	49138-03	<5.0	200	200	190	186	ug/L	EPA 8260B	3/27/06	95.2	92.9	2.41	70-130	25
Methyl-t-Butyl Ether	49138-03	<0.50	40.0	40.0	38.0	37.5	ug/L	EPA 8260B	3/27/06	95.0	93.7	1.40	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 48995

Date : 03/27/2006

QC Report : Laboratory Control Sample (LCS)

Project Name : **LIM**

Project Number :

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	3/21/06	106	70-130
Toluene	40.0	ug/L	EPA 8260B	3/21/06	101	70-130
Tert-Butanol	200	ug/L	EPA 8260B	3/21/06	96.9	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	3/21/06	113	70-130
Benzene	40.0	ug/L	EPA 8260B	3/24/06	98.2	70-130
Toluene	40.0	ug/L	EPA 8260B	3/24/06	102	70-130
Tert-Butanol	200	ug/L	EPA 8260B	3/24/06	105	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	3/24/06	90.4	70-130
Benzene	40.0	ug/L	EPA 8260B	3/21/06	97.5	70-130
Toluene	40.0	ug/L	EPA 8260B	3/21/06	105	70-130
Tert-Butanol	200	ug/L	EPA 8260B	3/21/06	106	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	3/21/06	105	70-130
Benzene	40.0	ug/L	EPA 8260B	3/21/06	106	70-130
Toluene	40.0	ug/L	EPA 8260B	3/21/06	108	70-130
Tert-Butanol	200	ug/L	EPA 8260B	3/21/06	98.4	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	3/21/06	101	70-130
Benzene	40.0	ug/L	EPA 8260B	3/21/06	110	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 48995

Date : 03/27/2006

QC Report : Laboratory Control Sample (LCS)

Project Name : **LIM**

Project Number :

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Toluene	40.0	ug/L	EPA 8260B	3/21/06	111	70-130
Tert-Butanol	200	ug/L	EPA 8260B	3/21/06	103	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	3/21/06	103	70-130
Benzene	40.0	ug/L	EPA 8260B	3/27/06	101	70-130
Toluene	40.0	ug/L	EPA 8260B	3/27/06	101	70-130
Tert-Butanol	200	ug/L	EPA 8260B	3/27/06	94.1	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	3/27/06	91.0	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

48975

ASE
AQUA SCIENCE ENGINEERS
208 W. El Pintado Road
Danville, CA 94526
(925) 820-9391
FAX (925) 837-4853

Chain of Custody

Analytical Laboratory Name: Kiff

Project Name: LIM

Sample Location: Oakland, CA

Sampled by: David Rains

Sampler Signature:

Sample ID	Sample Type: Grab	Sample Type: Composite	Matrix: Water	Matrix: Soil	Matrix: Other	Matrix: Other	Method Preserved: Cold (4° C)	Method Preserved: HCL	Method Preserved: HNO_3	Method Preserved: Other	Sampling: Number of Containers	Sampling: ~~Time~~ ~~Date~~	Sampling: ~~Date~~ ~~Time~~	Type of Analysis to be Performed: TPH-D w/ Silica Gel Cleanup	Type of Analysis to be Performed: TPH-G/BTEX/MTBE	Type of Analysis to be Performed: EDF	Type of Analysis to be Performed: Lead Scavengers	Other	Other	Other	Turnaround Time: Standard	Turnaround Time: 1 day	Turnaround Time: 2 day	Turnaround Time: 5 day	Turnaround Time: Other	
MW-1	X		X				X	X			5	935	3-15-06	X	X	X	X				X					01
MW-2	↓		↓				↓	↓			↓	855	↓	↓	↓	↓	↓				↓					02
MW-4												815														03
MW-5	↓		↓				↓	↓			↓	911	↓	↓	↓	↓	↓				↓					04
												800														
MW-6	X		X				X	X			5	952	3.15.06	X	X	X	X				X					05
MW-7	↓		↓				↓	↓			↓	800	↓	↓	↓	↓	↓				↓					06

Total # of containers: 30

Relinquished by:	Date	Time	Received by:	Date	Time
	3-17-06	13:00			
			Jason N Hemmel Kiff Analytical	031706	1250

Comments:
Sample Receipt
Temp °C 1.4C Therm. ID# IR-4
Initial JNH
Date 031706 Time 1735
Coolant present: (Yes) No

8/24/00