Alameda County Health Care Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: RO #479, Report

I declare under penalty of perjury that to the best of my knowledge the information and/or recommendations contained in the attached report is/are true and correct.

If you have further questions I may be reached at 925-381-3608.

Sincerely,

Russell Lim

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

July 30, 2008

# QUARTERLY GROUNDWATER MONITORING REPORT
# MAY 2008 GROUNDWATER SAMPLING
at
Lim Family Property
250 8th Street
Oakland, California

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

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## 1.0 INTRODUCTION

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

## 2.0 GROUNDWATER FLOW DIRECTION AND GRADIENT

On May 30, 2008, ASE measured the depth to water in monitoring wells MW-1 through MW-8 using an electric water level sounder. The surface of the groundwater was also checked for the presence of free-floating hydrocarbons or sheen. Monitoring well MW-3 contained 0.70-feet of free-floating hydrocarbons, an increase from the last several quarters. The product was subsequently bailed by ASE and contained in a sealed and labeled 55-gallon steel drum for temporary storage until off-site disposal can be arranged. Groundwater elevation data is presented in Table One.

A groundwater elevation (potentiometric surface) contour map is shown as Figure 2. The groundwater flow direction at the site is generally to the south southwest with an approximate gradient of 0.008 feet/foot during this quarterly sampling period. The gradient and flow direction are generally consistent with previous findings.

## 3.0 MONITORING WELL SAMPLING

On May 30, 2008, ASE collected groundwater samples from seven of the eight 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), fuel oxygenates including methyl tertiary butyl ether (MTBE), and lead scavengers by EPA Method 8260B, and total petroleum hydrocarbons as diesel (TPH-D) by modified EPA Method 8015. The analytical results are tabulated in Tables Two and Three, and copies of the certified analytical report and chain of custody form are included in Appendix B.

## 5.0 CONCLUSIONS

- Concentrations of TPH-G and TPH-D increased slightly in groundwater samples collected from monitoring well MW-1, while BTEX and MTBE concentrations remained non-detectable.
- Concentrations of TPH-G, toluene, ethyl benzene and total xylenes decreased in groundwater samples collected from monitoring well MW-2, while benzene and TBA increased in the same sample.
- Monitoring well MW-3 contained 0.70 feet of free-floating hydrocarbons, which is a 0.48-foot increase from the previous quarter.
- Concentrations of TPH-G and BTEX increased in groundwater samples collected from monitoring well MW-4 from last quarter.
- TPH-G, BTEX and MTBE concentrations in groundwater samples collected from monitoring well MW-5 decreased from last quarter's concentrations.
- No hydrocarbons were detected in groundwater samples collected from monitoring well MW-6.
- Concentrations of TPH-G and BTEX decreased in groundwater samples collected from monitoring well MW-7.
- No hydrocarbons were detected in groundwater samples collected from monitoring well MW-8, indicating that the contamination has not reached the deeper water-bearing zones.

Concentrations in groundwater samples collected from the following wells exceeded Environmental Screening Levels (ESLs) for drinking water 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 May 2008:

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

- Concentrations of TPH-G and TPH-D in groundwater samples collected from monitoring well MW-1 exceeded ESLs.

- The benzene concentration in groundwater samples collected from monitoring well MW-5 exceeded the ESL.

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## 6.0 RECOMMENDATIONS

ASE will submit an updated Remedial Action Plan (RAP) during the next quarter to conduct further soil and groundwater remediation. The site will also remain on a quarterly groundwater monitoring schedule. The next groundwater sampling event is scheduled for August 2008.

## 7.0 REPORT LIMITATIONS

The results presented in this report represent conditions at the time of the groundwater sampling, at the specific locations where the samples were collected, and for the specific parameters analyzed by the laboratory. It does not fully characterize the site for contamination resulting from unknown sources, or for parameters not analyzed by the laboratory. All of the laboratory work cited in this report was prepared under the direction of an independent CAL-DHS certified laboratory. The independent laboratory is solely responsible for the contents and conclusions of the chemical analysis data.

Aqua Science Engineers appreciates the opportunity to assist The Lim Family with their environmental needs. Should you have any questions or comments, please feel free to call us at (925) 820-9391.

Respectfully submitted,

AQUA SCIENCE ENGINEERS, INC.


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

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

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

Aqua Science Engineers, Inc. 55 Oak Court, Suite 220, Danville, CA 94526
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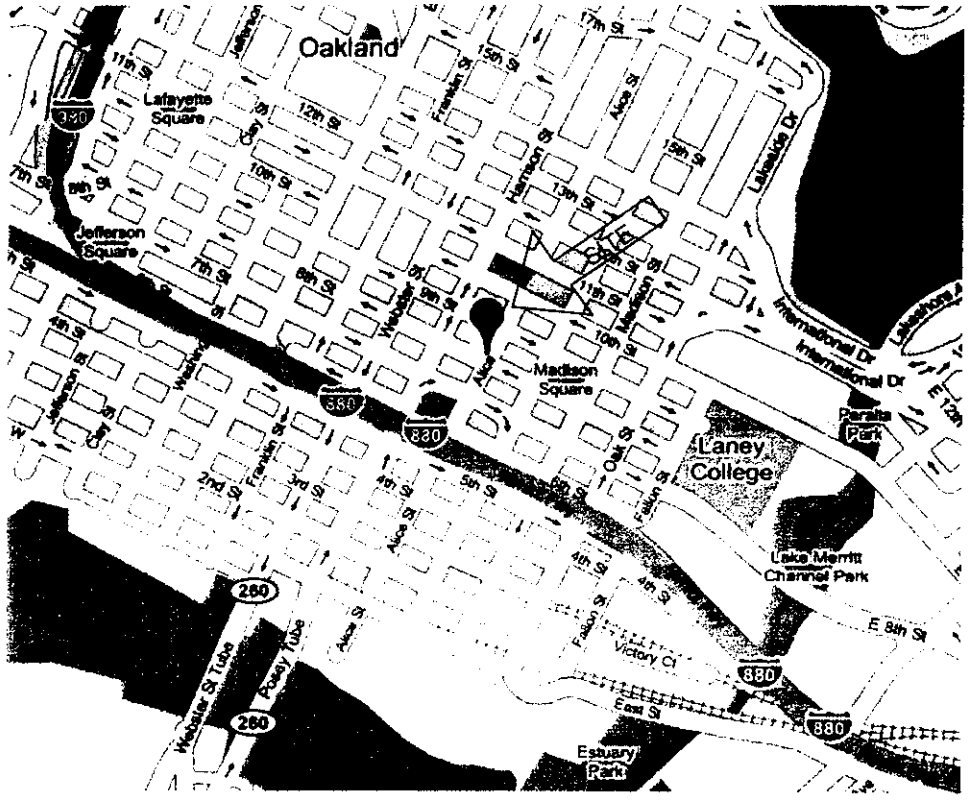
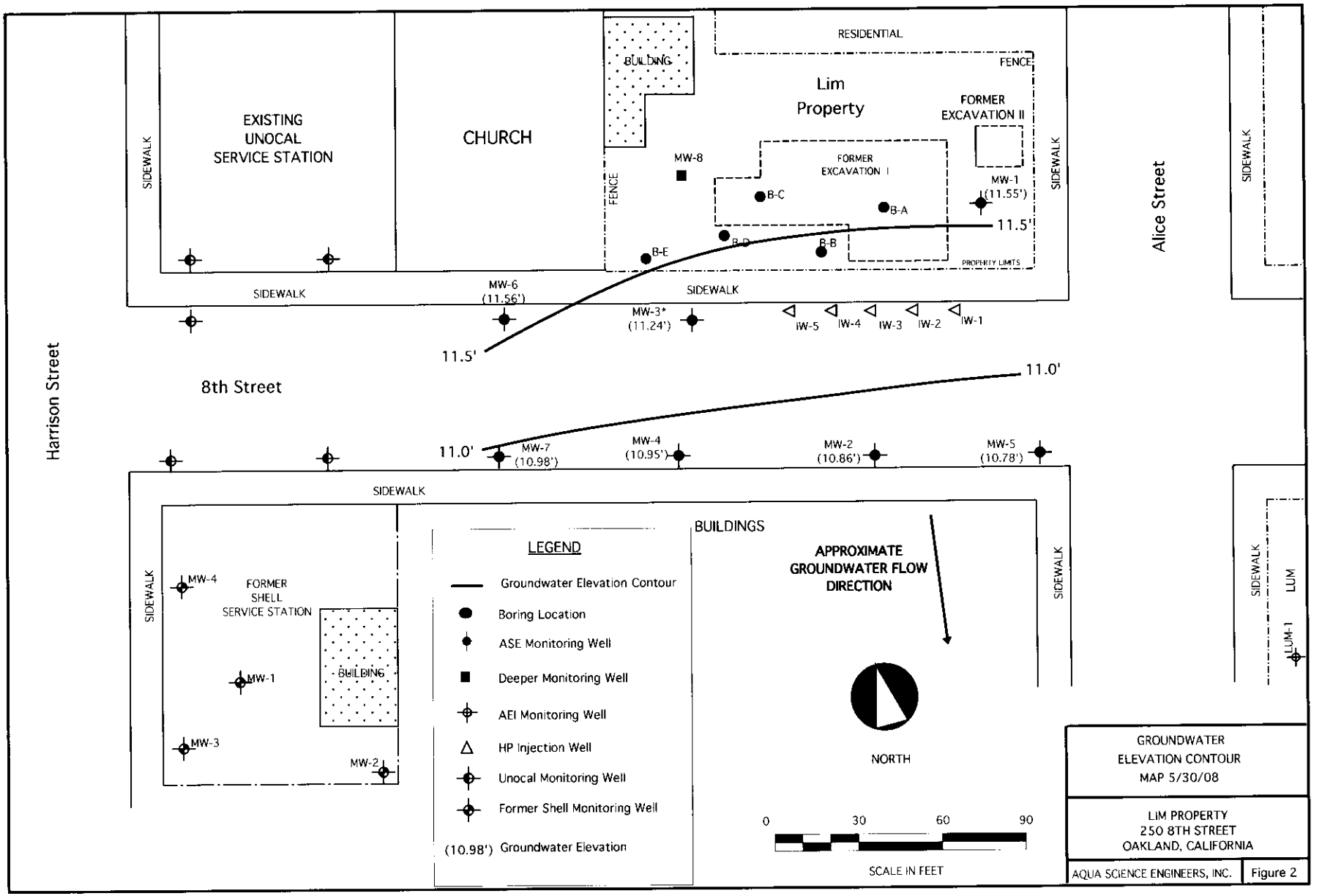
# FIGURES

NORTH




| LOCATION MAP | |
|---|---|
| LIM PROPERTY<br>250 8TH STREET<br>OAKLAND, CALIFORNIA | |
| AQUA SCIENCE ENGINEERS | FIGURE 1 |


RESIDENTIAL
FENCE
BUILDING
Lim
Property
FORMER
EXCAVATION II
EXISTING
UNOCAL
SERVICE STATION
CHURCH
SIDEWALK
MW-8
FORMER
EXCAVATION I
MW-1
(11.55')
B-C
B-A
11.5'
B-D
B-B
B-E
PROPERTY LIMITS
Alice Street
SIDEWALK
MW-6
(11.56')
MW-3*
(11.24')
IW-5
IW-4
IW-3
IW-2
IW-1
Harrison Street
8th Street
11.0'
MW-7
(10.98')
MW-4
(10.95')
MW-2
(10.86')
MW-5
(10.78')
FORMER
SHELL
SERVICE STATION
MW-4
MW-1
MW-3
MW-2
BUILDING
BUILDINGS
LUM
LUM-1
LEGEND
Groundwater Elevation Contour
Boring Location
ASE Monitoring Well
Deeper Monitoring Well
AEI Monitoring Well
HP Injection Well
Unocal Monitoring Well
Former Shell Monitoring Well
(10.98') Groundwater Elevation
APPROXIMATE
GROUNDWATER FLOW
DIRECTION
NORTH
0
30
60
90
SCALE IN FEET
GROUNDWATER
ELEVATION CONTOUR
MAP 5/30/08
LIM PROPERTY
250 8TH STREET
OAKLAND, CALIFORNIA
AQUA SCIENCE ENGINEERS, INC.
Figure 2

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# TABLES

**TABLE ONE**

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

| Well I.D. | Date of Measurement | Top of Casing Elevation (msl) | Depth to Water (feet) | Product Thickness (feet) | Groundwater Elevation (msl) |
|---|---|---|---|---|---|
| MW-1 | 01/30/95 | 25.51 | 16.21 | | 9.30 |
| | 04/12/95 | | 15.71 | | 9.80 |
| | 07/14/95 | | 16.71 | | 8.80 |
| | 10/17/95 | | 17.72 | | 7.79 |
| | 01/12/96 | | 18.03 | | 7.48 |
| | 07/25/96 | | 16.82 | | 8.69 |
| | 01/06/97 | | 15.60 | | 9.91 |
| | 07/08/97 | | 17.31 | | 8.20 |
| | 01/26/98 | | 15.21 | | 10.30 |
| | 07/23/98 | | 15.38 | | 10.13 |
| | 01/05/99 | | 16.82 | | 8.69 |
| | 07/13/99 | | 15.89 | | 9.62 |
| | 01/12/00 | | 17.44 | | 8.07 |
| | 04/24/00 | | 16.37 | | 9.14 |
| | 07/20/00 | | 16.30 | | 9.21 |
| | 10/24/00 | | 17.25 | | 8.26 |
| | 01/18/01 | | 17.29 | | 8.22 |
| | 04/05/01 | | 15.88 | | 9.63 |
| | 07/17/01 | | 16.54 | | 8.97 |
| | 10/25/01 | | 16.89 | | 8.62 |
| | 01/21/02 | | 14.92 | | 10.59 |
| | 04/11/02 | | 14.02 | | 11.49 |
| | 06/11/02 | 29.72 | 15.33 | | 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 |
| | 06/28/06 | | 14.92 | | 14.80 |
| | 08/31/06 | | 15.60 | | 14.12 |
| | 11/21/06 | | 17.20 | | 12.52 |
| | 02/12/07 | | 16.12 | | 13.60 |
| | 05/02/07 | | 16.92 | | 12.80 |
| | 08/09/07 | | 17.58 | | 12.14 |
| | 12/06/07 | | 18.60 | | 11.12 |
| | 02/26/08 | | 17.13 | | 12.59 |
| | **05/30/08** | | **18.17** | | **11.55** |

**TABLE ONE**

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

| Well I.D. | Date of Measurement | Top of Casing Elevation (msl) | Depth to Water (feet) | Product Thickness (feet) | Groundwater Elevation (msl) |
|---|---|---|---|---|---|
| MW-2 | 01/30/95 | 23.99 | 15.02 | | 8.97 |
| | 04/12/95 | | 14.75 | | 9.24 |
| | 07/14/95 | | 16.02 | | 7.97 |
| | 10/17/95 | | 16.94 | | 7.05 |
| | 01/12/96 | | 17.05 | | 6.94 |
| | 07/25/96 | | 16.02 | | 7.97 |
| | 01/06/97 | | 14.34 | | 9.65 |
| | 07/08/97 | | 16.52 | | 7.47 |
| | 01/26/98 | | 14.10 | | 9.89 |
| | 07/23/98 | | 14.70 | | 9.29 |
| | 01/05/99 | | 16.01 | | 7.98 |
| | 07/13/99 | | 15.40 | | 8.59 |
| | 01/12/00 | | 16.76 | | 7.23 |
| | 04/24/00 | | 15.67 | | 8.32 |
| | 07/20/00 | | 15.70 | | 8.29 |
| | 10/24/00 | | 16.56 | | 7.43 |
| | 01/18/01 | | 16.47 | | 7.52 |
| | 04/05/01 | | 15.88 | | 8.11 |
| | 07/17/01 | | 15.35 | | 8.64 |
| | 10/25/01 | | 15.63 | | 8.36 |
| | 01/21/02 | | 13.55 | | 10.44 |
| | 04/11/02 | | 13.74 | | 10.25 |
| | 06/11/02 | 28.19 | 14.06 | | 14.13 |
| | 09/17/02 | | 14.67 | | 13.52 |
| | 12/18/02 | | 14.88 | | 13.31 |
| | 03/25/03 | | 15.11 | | 13.08 |
| | 06/23/03 | | 14.94 | | 13.25 |
| | 09/26/03 | | 15.49 | | 12.70 |
| | 12/18/03 | | 15.13 | | 13.06 |
| | 03/12/04 | | 13.50 | | 14.69 |
| | 06/17/04 | | 14.63 | | 13.56 |
| | 09/17/04 | | 15.19 | | 13.00 |
| | 12/17/04 | | 14.88 | | 13.31 |
| | 04/28/05 | | 13.39 | | 14.80 |
| | 07/19/05 | | 15.27 | | 12.92 |
| | 10/03/05 | | 15.57 | | 12.62 |
| | 12/06/05 | | 15.35 | | 12.84 |
| | 03/15/06 | | 12.65 | | 15.54 |
| | 06/28/06 | | 14.45 | | 13.74 |
| | 08/31/06 | | 15.37 | | 12.82 |
| | 11/21/06 | | 16.22 | | 11.97 |
| | 02/12/07 | | 16.12 | | 12.07 |
| | 05/02/07 | | 16.12 | | 12.07 |
| | 08/09/07 | | 16.85 | | 11.34 |
| | 12/06/07 | | 17.95 | | 10.24 |
| | 02/26/08 | | 16.15 | | 12.04 |
| | **05/30/08** | | **17.33** | | **10.86** |

**TABLE ONE**

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

| Well I.D. | Date of Measurement | Top of Casing Elevation (msl) | Depth to Water (feet) | Product Thickness (feet) | Groundwater Elevation (msl) |
|---|---|---|---|---|---|
| MW-3 | 01/12/00 | 24.25 | 16.68 | 0.01 | 7.58* |
| | 04/24/00 | | 15.58 | 0.15 | 8.79* |
| | 07/20/00 | | 16.01 | 0.41 | 8.57* |
| | 10/24/00 | | 16.95 | 0.21 | 7.47* |
| | 01/18/01 | | 16.63 | 0.21 | 7.79* |
| | 04/05/01 | | 15.16 | 0.23 | 9.27* |
| | 07/17/01 | | 15.92 | 0.39 | 8.64* |
| | 10/25/01 | | 16.26 | 0.38 | 8.29* |
| | 01/21/02 | | 14.08 | 0.16 | 10.30* |
| | 04/11/02 | | 14.59 | 0.54 | 10.09* |
| | 06/11/02 | 28.58 | 15.16 | 0.90 | 14.14* |
| | 09/17/02 | | 16.04 | 1.24 | 13.53* |
| | 10/01/02 | | 16.14 | 1.23 | 13.42* |
| | 10/25/02 | | 15.80 | 0.60 | 13.26* |
| | 11/12/02 | | 15.87 | 0.47 | 13.09* |
| | 12/18/02 | | 15.42 | 0.47 | 13.54* |
| | 03/25/03 | | 16.11 | 1.14 | 13.38* |
| | 06/23/03 | | 16.58 | 1.86 | 13.49* |
| | 09/26/03 | | 16.11 | 0.66 | 13.00* |
| | 12/18/03 | | 15.83 | 0.59 | 13.22* |
| | 03/12/04 | | 14.51 | 1.21 | 15.04* |
| | 06/17/04 | | 15.25 | 0.68 | 13.87* |
| | 09/17/04 | | 16.14 | 0.96 | 13.21* |
| | 12/17/04 | | 15.05 | 0.25 | 13.73* |
| | 01/13/05 | | 13.40 | 0.45 | 15.54* |
| | 04/28/05 | | 15.31 | 2.43 | 15.21* |
| | 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 | 15.49* |
| | 06/28/06 | | 13.55 | 2.61 | 16.16* |
| | 08/31/06 | | 14.85 | 2.20 | 15.49* |
| | 11/21/06 | | 16.05 | 1.10 | 13.41* |
| | 02/12/07 | | 15.96 | 0.35 | 12.90* |
| | 05/02/07 | | 15.11 | 0.09 | 13.54* |
| | 08/09/07 | | 15.83 | 0.09 | 12.82* |
| | 12/06/07 | | 18.10 | 0.50 | 10.88* |
| | 02/26/08 | | 16.47 | 0.22 | 12.29* |
| | **05/30/08** | | **17.90** | **0.70** | **11.24*** |

**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) |
|---|---|---|---|---|---|
| **MW-4** | 01/12/00 | 23.71 | 17.24 | | 6.47 |
| | 04/24/00 | | 16.18 | | 7.53 |
| | 07/20/00 | | 16.18 | | 7.53 |
| | 10/24/00 | | 17.03 | | 6.68 |
| | 01/18/01 | | 16.87 | | 6.84 |
| | 04/05/01 | | 15.28 | | 8.43 |
| | 07/17/01 | | 15.92 | | 7.79 |
| | 10/25/01 | | 16.23 | | 7.48 |
| | 01/21/01 | | 14.14 | | 9.57 |
| | 04/11/02 | | 14.43 | | 9.28 |
| | 06/11/02 | 28.61 | 14.72 | | 13.89 |
| | 09/17/02 | | 15.29 | | 13.32 |
| | 12/18/02 | | 15.20 | | 13.41 |
| | 03/25/03 | | 15.53 | | 13.08 |
| | 06/23/03 | | 15.35 | | 13.26 |
| | 09/26/03 | | 15.91 | | 12.70 |
| | 12/18/03 | | 15.63 | | 12.98 |
| | 03/12/04 | | 13.88 | | 14.73 |
| | 06/17/04 | | 15.03 | | 13.58 |
| | 09/17/04 | | 15.61 | | 13.00 |
| | 12/17/04 | | 15.32 | | 13.29 |
| | 04/28/05 | | 13.82 | | 14.79 |
| | 07/19/05 | | 15.44 | | 13.17 |
| | 10/03/05 | | 15.91 | | 12.70 |
| | 12/06/05 | | 15.71 | | 12.90 |
| | 03/15/06 | | 13.05 | | 15.56 |
| | 06/28/06 | | 14.49 | | 14.12 |
| | 08/31/06 | | 15.75 | | 12.86 |
| | 11/21/06 | | 16.70 | | 11.91 |
| | 02/12/07 | | 16.51 | | 12.10 |
| | 05/02/07 | | 16.51 | | 12.10 |
| | 08/09/07 | | 17.17 | | 11.44 |
| | 12/06/07 | | 18.08 | | 10.53 |
| | 02/26/08 | | 16.57 | | 12.04 |
| | **05/30/08** | | **17.66** | | **10.95** |

**TABLE ONE**

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

| Well I.D. | Date of Measurement | Top of Casing Elevation (msl) | Depth to Water (feet) | Product Thickness (feet) | Groundwater Elevation (msl) |
|---|---|---|---|---|---|
| MW-5 | 06/11/02 | 28.40 | 14.23 | | 14.17 |
| | 09/17/02 | | 14.80 | | 13.60 |
| | 12/18/02 | | 15.08 | | 13.32 |
| | 03/25/03 | | 15.31 | | 13.09 |
| | 06/23/03 | | 15.16 | | 13.24 |
| | 09/26/03 | | 15.72 | | 12.68 |
| | 12/18/03 | | 15.47 | | 12.93 |
| | 03/12/04 | | 13.44 | | 14.96 |
| | 06/17/04 | | 14.90 | | 13.50 |
| | 09/17/04 | | 15.45 | | 12.95 |
| | 12/17/04 | | 15.12 | | 13.28 |
| | 04/28/05 | | 13.63 | | 14.77 |
| | 07/19/05 | | 15.67 | | 12.73 |
| | 10/03/05 | | 15.81 | | 12.59 |
| | 12/06/05 | | 15.60 | | 12.80 |
| | 03/15/06 | | 12.81 | | 15.59 |
| | 06/28/06 | | 15.21 | | 13.19 |
| | 08/31/06 | | 15.55 | | 12.85 |
| | 11/21/06 | | 17.09 | | 11.31 |
| | 02/12/07 | | 16.29 | | 12.11 |
| | 05/02/07 | | 16.21 | | 12.19 |
| | 08/09/07 | | 16.97 | | 11.43 |
| | 12/06/07 | | 18.35 | | 10.05 |
| | 02/26/08 | | 16.35 | | 12.05 |
| | **05/30/08** | | **17.62** | | **10.78** |
| MW-6 | 06/11/02 | 29.20 | 14.95 | | 14.25 |
| | 09/17/02 | | 15.47 | | 13.73 |
| | 12/18/02 | | 15.43 | | 13.77 |
| | 03/25/03 | | 15.67 | | 13.53 |
| | 06/23/03 | | 15.48 | | 13.72 |
| | 09/26/03 | | NOT MEASURED - SOUNDER MALFUNCTION | | |
| | 12/18/03 | | 15.79 | | 13.41 |
| | 03/12/04 | | 14.04 | | 15.16 |
| | 06/17/04 | | 15.13 | | 14.07 |
| | 09/17/04 | | 15.74 | | 13.46 |
| | 12/17/04 | | 15.54 | | 13.66 |
| | 04/28/05 | | 13.91 | | 15.29 |
| | 07/19/05 | | 15.30 | | 13.90 |
| | 10/03/05 | | 15.35 | | 13.85 |
| | 12/06/05 | | 15.69 | | 13.51 |
| | 03/15/06 | | 13.14 | | 16.06 |
| | 06/28/06 | | 14.44 | | 14.76 |
| | 08/31/06 | | 16.25 | | 12.95 |
| | 11/21/06 | | 16.69 | | 12.51 |
| | 02/12/07 | | 16.63 | | 12.57 |
| | 05/02/07 | | 16.57 | | 12.63 |
| | 08/09/07 | | 17.19 | | 12.01 |
| | 12/06/07 | | 17.95 | | 11.25 |
| | 02/26/08 | | 16.66 | | 12.54 |
| | **05/30/08** | | **17.64** | | **11.56** |

**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-7** | 06/11/02 | 28.95 | 15.19 | | 13.76 |
| | 09/17/02 | | 15.73 | | 13.22 |
| | 12/18/02 | | NOT MEASURED - CAR PARKED OVER WELL | | |
| | 03/25/03 | | 15.96 | | 12.99 |
| | 06/23/03 | | 15.75 | | 13.20 |
| | 09/26/03 | | 16.29 | | 12.66 |
| | 12/18/03 | | 16.03 | | 12.92 |
| | 03/12/04 | | 14.28 | | 14.67 |
| | 06/17/04 | | 15.42 | | 13.53 |
| | 09/17/04 | | 16.02 | | 12.93 |
| | 12/17/04 | | 15.45 | | 13.50 |
| | 04/28/05 | | 14.15 | | 14.80 |
| | 07/19/05 | | 15.30 | | 13.65 |
| | 10/03/05 | | 16.25 | | 12.70 |
| | 12/06/05 | | 16.05 | | 12.90 |
| | 03/15/06 | | 13.36 | | 15.59 |
| | 06/28/06 | | 14.81 | | 14.14 |
| | 08/31/06 | | 16.13 | | 12.82 |
| | 11/21/06 | | 17.06 | | 11.89 |
| | 02/12/07 | | 16.97 | | 11.98 |
| | 05/02/07 | | 16.93 | | 12.02 |
| | 08/09/07 | | 17.56 | | 11.39 |
| | 12/06/07 | | 18.32 | | 10.63 |
| | 02/26/08 | | 16.93 | | 12.02 |
| | **05/30/08** | | **17.97** | | **10.98** |
| **MW-8** | 02/26/08 | 30.14 | 21.50 | | 8.64 |
| | **05/30/08** | | **22.52** | | **7.62** |

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) = Grounawater 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 |
| 06/28/06 | 230 | 130 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 08/31/06 | 310 | < 200 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| 11/21/06 | 220 | 160 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| 02/23/07 | 140 | 120 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| 05/02/07 | 180 | 140 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| 08/09/07 | 130 | 120 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| 12/06/07 | 53 | 160 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| 02/26/08 | 93 | < 50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| **05/30/08** | **200** | **240** | **< 0.50** | **< 0.50** | **< 0.50** | **< 0.50** | **< 0.50** |

## TABLE TWO

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

| Well/ Date Sampled | TPH Gasoline | TPH Diesel | Benzene | Toluene | Ethyl-benzene | Total Xylenes | MTBE |
|---|---|---|---|---|---|---|---|
| MW-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 | 65,000 | 11,000 | 10,000 | 12,000 | 1,800 | 7,800 | < 500 |
| 04/24/00 | 76,000 | 25,000* | 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 | 2,300 | 8,700 | < 15 |
| 07/19/05 | 59,000 | na | 7,900 | 4,400 | 1,900 | 7,000 | < 15 |
| 10/03/05 | 34,000 | < 800 | 7,800 | 810 | 1,000 | 2,800 | < 15 |
| 12/06/05 | 26,000 | < 800 | 6,100 | 940 | 770 | 2,000 | < 15 |
| 03/15/06 | 33,000 | < 1,500 | 7,700 | 2,600 | 1,400 | 4,200 | < 15 |
| 06/28/06 | 96,000 | < 4,000 | 10,000 | 14,000 | 2,900 | 12,000 | < 15 |
| 8/31/06 | 47,000 | < 3,000 | 5,800 | 5,100 | 2,200 | 8,700 | < 15 |
| 11/21/06 | 51,000 | < 1,500 | 6,800 | 3,400 | 1,700 | 6,200 | < 15 |
| 02/23/07 | 38,000 | < 1,500 | 7,800 | 2,000 | 1,500 | 4,600 | < 15 |
| 05/02/07 | 55,000 | < 3,000 | 6,500 | 5,100 | 2,400 | 8,600 | < 15 |
| 08/09/07 | 39,000 | < 3,000 | 6,600 | 2,200 | 1,600 | 4,900 | < 15 |
| 12/06/07 | 20,000 | < 1,500 | 7,400 | 510 | 680 | 1,200 | < 15 |
| 02/26/08 | 43,000 | < 4,000 | 8,200 | 940 | 1,400 | 3,700 | < 15 |
| **05/30/08** | **31,000** | **< 1,000** | **11,000** | **620** | **1,100** | **2,300** | **< 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 | | | | | | |
| 06/28/06 | NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS | | | | | | |
| 8/31/06 | NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS | | | | | | |
| 11/21/06 | NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS | | | | | | |
| 02/23/07 | NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS | | | | | | |
| 05/02/07 | NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS | | | | | | |
| 08/09/07 | NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS | | | | | | |
| 12/06/07 | NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS | | | | | | |
| 02/26/08 | NOT SAMPLED DUE TO FREE-FLOATING HYDROCARBONS | | | | | | |
| **05/30/08** | **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 |
| 06/28/06 | 61,000 | < 3,000 | 8,500 | 4,100 | 2,600 | 11,000 | < 20 |
| 08/31/06 | 68,000 | < 2,000 | 9,500 | 9,600 | 2,500 | 12,000 | < 20 |
| 11/21/06 | 68,000 | < 1,500 | 9,000 | 5,000 | 2,000 | 9,300 | < 20 |
| 02/23/07 | 90,000 | < 2,000 | 11,000 | 11,000 | 2,800 | 12,000 | < 20 |
| 05/02/07 | 56,000 | < 2,000 | 7,300 | 6,300 | 2,500 | 11,000 | < 15 |
| 08/09/07 | 52,000 | < 2,000 | 7,600 | 2,600 | 2,100 | 8,400 | < 15 |
| 12/06/07 | 60,000 | < 2,000 | 13,000 | 2,000 | 2,800 | 11,000 | < 15 |
| 02/26/08 | 42,000 | < 2,000 | 3,700 | 2,300 | 2,300 | 8,900 | < 15 |
| **05/30/08** | **64,000** | **< 3,000** | **9,200** | **5,100** | **3,000** | **12,000** | **< 15** |

**TABLE TWO**

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

| Well/ Date Sampled | TPH Gasoline | TPH Diesel | Benzene | Toluene | Ethyl-benzene | Total Xylenes | MTBE |
|---|---|---|---|---|---|---|---|
| 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 |
| 06/28/06 | < 50 | < 50 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | 1.8 |
| 08/31/06 | < 50 | < 50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | 3.4 |
| 12/05/06 | < 50 | < 50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | 5.2 |
| 02/23/07 | < 50 | < 50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | 6.0 |
| 05/02/07 | < 50 | < 50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | 3.8 |
| 08/09/07 | < 50 | < 50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | 5.5 |
| 12/06/07 | < 50 | < 50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | 1.8 |
| 02/26/08 | 260 | < 50 | 32 | 1.3 | 0.62 | 0.92 | 3.4 |
| **05/30/08** | **71** | **< 50** | **1.8** | **< 0.50** | **< 0.50** | **< 0.50** | **2.4** |

**TABLE TWO**

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

| Well/ Date Sampled | TPH Gasoline | TPH Diesel | Benzene | Toluene | Ethyl-benzene | Total Xylenes | MTBE |
|---|---|---|---|---|---|---|---|
| MW-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 |
| 06/28/06 | < 50 | < 50 | < 0.5 | < 0.5 | < 0.5 | 0.65 | < 0.5 |
| 08/31/06 | < 50 | < 50 | < 0.50 | 2.4 | 0.90 | 4.0 | < 0.50 |
| 11/21/06 | < 50 | < 50 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 5.0 |
| 02/23/07 | < 50 | < 50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| 05/02/07 | < 50 | < 50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| 08/09/07 | < 50 | < 50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| 12/06/07 | < 50 | < 50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| 02/26/08 | < 50 | < 50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| **05/30/08** | **< 50** | **< 50** | **< 0.50** | **< 0.50** | **< 0.50** | **< 0.50** | **< 0.50** |

## TABLE TWO

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

| Well/ Date Sampled | TPH Gasoline | TPH Diesel | Benzene | Toluene | Etnyl- benzene | Total Xylenes | MTBE |
|---|---|---|---|---|---|---|---|
| MW-7 | | | | | | | |
| 06/25/02 | 38,000 | < 2,000 | 890 | 5,100 | 1,200 | 5,200 | < 20 |
| 09/17/02 | 26,000 | < 2,000 | 590 | 3,600 | 880 | 4,000 | < 20 |
| 12/18/02 | NOT SAMPLED - CAR PARKED OVER WELL | | | | | | |
| 03/25/03 | 39,000 | < 2,900 | 410 | 7,700 | 1,000 | 6,400 | < 5.0 |
| 06/23/03 | 17,000 | < 1,000 | 440 | 2,600 | 630 | 2,600 | < 10 |
| 09/26/03 | 17,000 | < 1,000 | 230 | 1,800 | 470 | 2,200 | < 5.0 |
| 12/18/03 | 20,000 | < 1,000 | 290 | 2,500 | 590 | 2,900 | < 5.0 |
| 03/12/04 | 20,000 | < 1,500 | 300 | 3,000 | 760 | 3,200 | < 10 |
| 06/17/04 | 12,000 | < 800 | 250 | 1,800 | 450 | 1,900 | < 5.0 |
| 09/17/04 | 9,900 | -- | 200 | 1,500 | 450 | 1,800 | < 5.0 |
| 11/10/04*** | 20,000 | 1,900 | 550 | 4,200 | 920 | 4,000 | < 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 |
| 06/28/06 | 6,400 | < 500 | 19.0 | 340 | 490 | 940 | < 0.90 |
| 08/31/06 | 20,000 | < 600 | 160 | 2,200 | 1,300 | 3,500 | < 2.5 |
| 11/21/06 | 21,000 | < 1,000 | 240 | 2,500 | 880 | 3,400 | < 5.0 |
| 02/23/07 | 10,000 | < 200 | 150 | 1,300 | 580 | 2,400 | < 2.5 |
| 05/02/07 | 26,000 | < 1,000 | 300 | 2,400 | 1,800 | 6,700 | < 2.5 |
| 08/09/07 | 13,000 | < 800 | 250 | 800 | 1,000 | 3,000 | < 2.5 |
| 12/06/07 | 9,600 | < 1,000 | 160 | 850 | 530 | 2,000 | < 2.5 |
| 02/26/08 | 14,000 | < 800 | 190 | 1,000 | 740 | 3,000 | < 2.5 |
| **05/30/08** | **9,900** | **< 200** | **160** | **620** | **590** | **2,300** | **< 2.5** |
| MW-10 | | | | | | | |
| 02/26/08 | < 50 | < 50 | 0.51 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| **05/30/08** | **< 50** | **< 50** | **< 0.50** | **< 0.50** | **< 0.50** | **< 0.50** | **< 0.50** |
| ESL | 100 | 100 | 1 | 40 | 30 | 20 | 5 |

Notes:

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

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

*** = Grab sample - Not purged

# = Estimates 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 (May 2008)" 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 | 1 | - | - | - | - | - |
| 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 | 8.9 | - | - | - | - | - |
| 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 | 8.5 | 120 | 740 | - | - | - |
| Acetone | - | - | 25,000 | 6,400 | - | - | - |
| Naphthalene | - | - | 550 | 540 | - | - | - |
| Isopropylbenzene | - | - | 120 | 89 | - | - | - |
| Other VOCs | < 0.5 - < 5.0 | < 1.0 - < 4.0 | < 100 - < 10,000 | < 50 - < 5,000 | - | - | - |
| 4/24/00 | | | | | | | |
| Hydrocarbon Oil and Grease | - | <1,000 | 4,100 | < 1,000 | - | - | - |
| 1,2-Dichloroethane | < 0.5 | 5.9 | < 1,000 | < 250 | - | - | - |
| Naphthalene | - | - | 3,800 | 590 | - | - | - |
| Isopropylbenzene | - | - | 1,200 | < 250 | - | - | - |
| Other VOCs | < 0.5 - < 5.0 | < 5.0 - < 20 | 1,000 - < 100,00 | < 250 - < 25,000 | - | - | - |
| 7/20/00 | | | | | | | |
| Hydrocarbon Oil and Grease | - | < 1,000 | | < 1,000 | - | - | - |
| Tetrachloroethene | 0.59 | < 5.0 | FREE | < 200 | - | - | - |
| Chloroform | 2.1 | < 5.0 | PRODUCT | < 200 | - | - | - |
| 1,2-Dichloroethane | < 0.5 | 6.7 | --- | < 200 | - | - | - |
| Acetone | - | - | NOT | < 20,000 | - | - | - |
| Naphthalene | - | - | SAMPLED | 750 | - | - | - |
| Other VOCs | < 0.5 - < 20 | < 5.0 - < 20 | | < 250 - < 20,000 | - | - | - |
| 10/24/00 | | | FREE | | | | |
| Hydrocarbon Oil and Grease | - | < 1,000 | PRODUCT | < 1,000 | - | - | - |
| Tetrachloroethene | < 0.5 | < 5.0 | --- | < 250 | - | - | - |
| Chloroform | 1.0 | < 5.0 | NOT | < 250 | - | - | - |
| Other VOCs | < 0.5 - < 20 | < 5.0 - < 20 | SAMPLED | < 250 - < 25,000 | - | - | - |
| 1/18/01 | | | FREE | | | | |
| Hydrocarbon Oil and Grease | - | 2,100 | PRODUCT | 1,300 | - | - | - |
| Tetrachloroethene | 1.3 | < 5.0 | --- | < 250 | - | - | - |
| Chloroform | 6.4 | < 5.0 | NOT | < 250 | - | - | - |
| Other VOCs | < 0.5 - < 20 | < 5.0 - < 20 | SAMPLED | < 250 - < 25,000 | - | - | - |

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

| Date Sampled & Compound Analyzed | MW-1 | MW-2 | MW-3 | MW-4 | MW-5 | MW-6 | MW-7 |
|---|---|---|---|---|---|---|---|
| 4/5/01 | | | | | | | |
| Hydrocarbon Oil and Grease | - | < 10 | FREE | 1,100.0 | - | - | - |
| Tetrachloroethene | < 0.5 | 1.7 | PRODUCT | < 50 | - | - | - |
| 1,2 dichloroethane | < 0.5 | 4.6 | --- | < 50 | - | - | - |
| Trichloroethene | < 0.5 | 0.58 | NOT | < 50 | - | - | - |
| Naphthalene | - | - | --- | 330 | - | - | - |
| 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 | --- | - | - | - |
| 6/17/02 | | | | | | | |
| 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 | - | 1,000 | 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 | - | - | - | - |
| 9/26/03 | | | | | | | |
| Oil and Grease | - | < 1,000 | FREE | < 1,000 | < 1,000 | < 1,000 | < 1,000 |
| 1,2 dichloroethane | < 0.5 | < 50 | PRODUCT | 67 | < 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 | - | - | - | - |

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

| Date Sampled & Compound Analyzed | MW-1 | MW-2 | MW-3 | MW-4 | MW-5 | MW-6 | MW-7 |
|---|---|---|---|---|---|---|---|
| 3/12/04 | | | | | | | |
| 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 |
| DIPE | 0.67 | 90 | SAMPLED | < 25 | < 0.50 | < 0.50 | < 2.5 |
| Other VOCs | < 0.5 | < 15 | | < 25 | < 0.50 | < 0.50 | < 2.5 |
| 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 |
| DIPE | 0.76 | < 15 | SAMPLED | < 20 | 2.1 | < 0.50 | < 2.5 |
| TBA | < 5.0 | 77 | - | < 20 | < 5.0 | < 5.0 | < 5.0 |
| Other VOCs | < 0.50 | < 15 | - | < 20 | < 0.50 | < 0.50 | < 2.5 |
| 10/13/05 | | | | | | | |
| 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 |
| DIPE | < 0.5 | < 15 | NOT | 23 | 1.7 | < 0.50 | < 0.50 |
| TBA | < 5.0 | < 70 | SAMPLED | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Other VOCs | < 0.5 | < 15 | | < 20 | < 0.50 | < 0.50 | < 0.50 |
| 3/15/06 | | | | | | | |
| Oil and Grease | - | - | FREE | - | - | - | - |
| 1,2 dichloroethane | < 0.5 | < 15 | PRODUCT | < 20 | < 0.50 | < 0.50 | < 0.50 |
| 1,2 dibromoethane | < 0.5 | < 15 | NOT | < 20 | < 0.50 | < 0.50 | < 0.50 |
| Other VOCs | < 0.5 | < 15 | SAMPLED | < 20 | < 0.50 | < 0.50 | < 0.50 |
| 6/28/06 | | | | | | | |
| Oil and Grease | - | - | - | - | - | - | - |
| 1,2 dichloroethane | < 0.5 | 33 | FREE | 20 | < 0.50 | < 0.50 | < 0.90 |
| 1,2 dibromoethane | < 0.5 | < 15 | PRODUCT | < 20 | < 0.50 | < 0.50 | < 0.90 |
| TBA | < 5.0 | < 5.0 | NOT | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Other VOCs | < 0.5 | < 15 | SAMPLED | < 20 | < 0.50 | < 0.50 | < 0.50 |
| 9/31/06 | | | | | | | |
| Oil and Grease | - | - | - | - | - | - | - |
| 1,2 dichloroethane | < 0.50 | < 15 | FREE | 36 | < 0.50 | < 0.50 | < 2.5 |
| 1,2 dibromoethane | < 0.50 | < 15 | PRODUCT | < 20 | < 0.50 | < 0.50 | < 2.5 |
| DIPE | < 0.50 | < 15 | NOT | < 20 | < 0.50 | < 0.50 | 1.4 |
| TBA | < 5.0 | 81 | SAMPLED | < 5.0 | < 5.0 | < 5.0 | < 15 |
| Other VOCs | < 0.50 | < 15 | | < 20 | < 0.50 | < 0.50 | < 5.0 |
| 11/21/06 | | | | | | | |
| Oil and Grease | - | - | - | - | - | - | - |
| 1,2 dichloroethane | < 0.50 | < 15 | FREE | 42 | < 0.50 | < 0.50 | < 5.0 |
| 1,2 dibromoethane | < 0.50 | < 15 | PRODUCT | < 20 | < 0.50 | < 0.50 | < 5.0 |
| DIPE | < 0.50 | < 15 | NOT | < 20 | 1.7 | < 0.50 | < 5.0 |
| TBA | < 5.0 | 62 | SAMPLED | 230 | 5.4 | < 5.0 | < 25 |
| Other VOCs | < 0.50 | < 15 | - | < 20 | < 0.50 | < 0.50 | < 5.0 |

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

| Date Sampled & Compound Analyzed | MW-1 | MW-2 | MW-3 | MW-4 | MW-5 | MW-6 | MW-7 |
|---|---|---|---|---|---|---|---|
| 2/12/07 | | | | | | | |
| Oil and Grease | - | - | - | - | - | - | - |
| 1,2 dichloroethane | < 0.50 | < 15 | FREE | 36 | < 0.50 | < 0.50 | < 2.5 |
| 1,2 dibromoethane | < 0.50 | < 15 | PRODUCT | < 20 | < 0.50 | < 0.50 | < 2.5 |
| DIPE | 1.2 | < 15 | NOT | < 20 | 1.4 | < 0.50 | < 2.5 |
| TBA | < 5.0 | 190 | SAMPLED | 280 | < 5.0 | < 5.0 | < 15 |
| Other VOCs | < 0.50 | < 15 | - | < 20 | < 0.50 | < 0.50 | < 2.5 |
| 5/2/07 | | | | | | | |
| Oil and Grease | - | - | - | | - | - | - |
| 1,2 dichloroethane | < 0.50 | < 15 | FREE | 20 | < 0.50 | < 0.50 | < 2.5 |
| 1,2 dibromoethane | < 0.50 | < 15 | PRODUCT | < 15 | < 0.50 | < 0.50 | < 2.5 |
| DIPE | 1.3 | < 15 | NOT | < 15 | 1.3 | < 0.50 | < 2.5 |
| TBA | < 5.0 | 170 | SAMPLED | 160 | < 5.0 | < 5.0 | < 50 |
| Other VOCs | < 0.50 | < 15 | - | < 15 | < 0.50 | < 0.50 | < 2.5 |
| 8/9/07 | | | | | | | |
| Oil and Grease | - | - | - | - | - | - | - |
| 1,2 dichloroethane | < 0.50 | < 15 | FREE | 31 | < 0.50 | < 0.50 | < 2.5 |
| 1,2 dibromoethane | < 0.50 | < 15 | PRODUCT | < 15 | < 0.50 | < 0.50 | < 2.5 |
| DIPE | 0.85 | < 15 | NOT | 15 | 1.3 | < 0.50 | < 2.5 |
| TBA | < 5.0 | 81 | SAMPLED | 170 | < 5.0 | < 5.0 | < 15 |
| Other VOCs | 0.96 PCE | < 15 | - | < 15 | 0.72 PCE | < 0.50 | < 2.5 |
| 12/6/07 | | | | | | | |
| Oil and Grease | - | - | - | - | - | - | - |
| 1,2 dichloroethane | < 0.50 | < 15 | FREE | < 15 | < 0.50 | < 0.50 | < 2.5 |
| 1,2 dibromoethane | < 0.50 | < 15 | PRODUCT | < 15 | < 0.50 | < 0.50 | < 2.5 |
| DIPE | < 5.0 | < 15 | NOT | 22 | 1.5 | < 0.50 | < 2.5 |
| TBA | < 5.0 | 120 | SAMPLED | 150 | < 5.0 | < 5.0 | 45 |
| Other VOCs | < 0.50 | < 15 | - | < 15 | < 0.50 | < 0.50 | < 2.5 |
| 2/26/08 | | | | | | | |
| Oil and Grease | - | - | - | - | - | - | - |
| 1,2 dichloroethane | < 0.50 | < 15 | FREE | < 15 | 0.60 | < 0.50 | < 2.5 |
| 1,2 dibromoethane | < 0.50 | < 15 | PRODUCT | < 15 | < 0.50 | < 0.50 | < 2.5 |
| DIPE | < 1 | < 15 | NOT | < 15 | 5.6 | < 0.50 | < 2.5 |
| TBA | < 5.0 | < 70 | SAMPLED | 90 | 7.7 | < 5.0 | 69 |
| Other VOCs | < 0.50 | < 15 | - | < 15 | < 0.50 | < 0.50 | < 2.5 |
| **5/30/08** | | | | | | | |
| **Oil and Grease** | - | - | - | - | - | - | - |
| **1,2 dichloroethane** | **< 0.50** | **< 15** | **FREE** | **< 15** | **< 0.50** | **< 0.50** | **< 2.5** |
| **1,2 dibromoethane** | **< 0.50** | **< 15** | **PRODUCT** | **19** | **< 0.50** | **< 0.50** | **< 2.5** |
| **DIPE** | **0.95** | **< 15** | **NOT** | **< 15** | **3.1** | **< 0.50** | **< 2.5** |
| **TBA** | **< 5.0** | **84** | **SAMPLED** | **83** | **< 5.0** | **< 5.0** | **< 15** |
| **Other VOCs** | **< 0.50** | **< 15** | - | **< 15** | **< 0.50** | **< 0.50** | **< 2.5** |

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# APPENDIX A

Well Sampling Field Log

# AQUA SCIENCE ENGINEERS

## WELL SAMPLING FIELD LOG

PROJECT NAME LIM

JOB NUMBER 2808 DATE OF SAMPLING 05-30-08

WELL ID. MW-4 SAMPLER DA

TOTAL DEPTH OF WELL 21.80' WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 17.70 or 17.66

PRODUCT THICKNESS e

DEPTH OF WELL CASING IN WATER 4.14

NUMBER OF GALLONS PER WELL CASING VOLUME 0.66

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 1.98

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 0755 TIME EVACUATION COMPLETED 0805

TIME SAMPLES WERE COLLECTED 0805

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 2

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR DK GRAY ODOR/SEDIMENT SL / MOD

### CHEMICAL DATA

| VOLUME PURGED | TEMPERATURE | PH | CONDUCTIVITY |
|---|---|---|---|
| 1 | 17.9 | 6.73 | 646 |
| 2 | 17.8 | 6.72 | 645 |
| 3 | 17.8 | 6.72 | 644 |

### SAMPLES COLLECTED

| SAMPLE | # OF CONTAINERS | SIZE AND TYPE OF CONTAINER | ANALYSIS | PRESERVED |
|---|---|---|---|---|
| MW-4 | 5 | 40 ml VOA | 8260B + TPH-D | ✓ |
| | | | | |
| | | | | |

# AQUA SCIENCE ENGINEERS

## WELL SAMPLING FIELD LOG

PROJECT NAME LIM

JOB NUMBER 2808 DATE OF SAMPLING 05-30-08

WELL ID. MW-5 SAMPLER DA

TOTAL DEPTH OF WELL 29.60' WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 17.62

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 11.98

NUMBER OF GALLONS PER WELL CASING VOLUME 1.91

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 5.75

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 0715 TIME EVACUATION COMPLETED 0722

TIME SAMPLES WERE COLLECTED 0725

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 5.75

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR LT BRN ODOR/SEDIMENT NO / SL

### CHEMICAL DATA

| VOLUME PURGED | TEMPERATURE | PH | CONDUCTIVITY |
|---|---|---|---|
| 1 | 17.8 | 6.77 | 593 |
| 2 | 18.1 | 6.78 | 594 |
| 3 | 18.2 | 6.79 | 596 |

### SAMPLES COLLECTED

| SAMPLE | # OF CONTAINERS | SIZE AND TYPE OF CONTAINER | ANALYSIS | PRESERVED |
|---|---|---|---|---|
| MW-5 | 5 | 40 ML VOA | 8260B + TPH-D | ✓ |
| | | | | |
| | | | | |

# AQUA SCIENCE ENGINEERS

## WELL SAMPLING FIELD LOG

PROJECT NAME LIM

JOB NUMBER 2808 DATE OF SAMPLING 05-30-08

WELL ID. MW-2 SAMPLER DA

TOTAL DEPTH OF WELL 26.80' WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 17.33

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 9.47

NUMBER OF GALLONS PER WELL CASING VOLUME 1.51

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 4.5+

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 0735 TIME EVACUATION COMPLETED 0742

TIME SAMPLES WERE COLLECTED 0745

DID WELL GO DRY No AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR LT GRAY ODOR/SEDIMENT STRONG/ MED.

### CHEMICAL DATA

| VOLUME PURGED | TEMPERATURE | PH | CONDUCTIVITY |
|---|---|---|---|
| 1 | 17.2 | 6.59 | 942 |
| 2 | 17.9 | 6.62 | 920 |
| 3 | 18.0 | 6.63 | 921 |

### SAMPLES COLLECTED

| SAMPLE | # OF CONTAINERS | SIZE AND TYPE OF CONTAINER | ANALYSIS | PRESERVED |
|---|---|---|---|---|
| MW-2 | 5 | 40 ML VOA | 8260B + TPH-D | ✓ |
| | | | | |
| | | | | |

# AQUA SCIENCE ENGINEERS

## WELL SAMPLING FIELD LOG

PROJECT NAME LIM

JOB NUMBER 2808 DATE OF SAMPLING 05-30-08

WELL ID. MW-7 SAMPLER DA

TOTAL DEPTH OF WELL 28.00' WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 17.97

PRODUCT THICKNESS Ø

DEPTH OF WELL CASING IN WATER 10.03

NUMBER OF GALLONS PER WELL CASING VOLUME 1.60

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 4.80

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 0815 TIME EVACUATION COMPLETED 0825

TIME SAMPLES WERE COLLECTED 0827

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 5

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR DK GRAY ODOR/SEDIMENT MOD / MOD

### CHEMICAL DATA

| VOLUME PURGED | TEMPERATURE | PH | CONDUCTIVITY |
|---|---|---|---|
| 1 | 18.2 | 6.85 | 411 |
| 2 | 18.4 | 6.84 | 395 |
| 3 | 18.5 | 6.81 | 389 |

### SAMPLES COLLECTED

| SAMPLE | # OF CONTAINERS | SIZE AND TYPE OF CONTAINER | ANALYSIS | PRESERVED |
|---|---|---|---|---|
| MW-7 | 5 | 40 ML VOA | 8260B + TPH-D | ✓ |
| | | | | |
| | | | | |

# AQUA SCIENCE ENGINEERS

## WELL SAMPLING FIELD LOG

PROJECT NAME LIM

JOB NUMBER 2808 DATE OF SAMPLING 05-30-08

WELL ID. MW-6 SAMPLER DA

TOTAL DEPTH OF WELL 29.50' WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 17.64

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 11.86

NUMBER OF GALLONS PER WELL CASING VOLUME 1.89

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 5.69

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 0910 TIME EVACUATION COMPLETED 0920

TIME SAMPLES WERE COLLECTED 0925

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 6

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR LT BRN ODOR/SEDIMENT NO / MOD

### CHEMICAL DATA

| VOLUME PURGED | TEMPERATURE | PH | CONDUCTIVITY |
|---|---|---|---|
| 1 | 18.1 | 6.87 | 310 |
| 2 | 18.3 | 6.81 | 301 |
| 3 | 18.5 | 6.75 | 292 |

### SAMPLES COLLECTED

| SAMPLE | # OF CONTAINERS | SIZE AND TYPE OF CONTAINER | ANALYSIS | PRESERVED |
|---|---|---|---|---|
| MW-6 | 5 | 40 ml VOA | 8260B + TPH-D | ✓ |
| | | | | |
| | | | | |

# AQUA SCIENCE ENGINEERS

## WELL SAMPLING FIELD LOG

PROJECT NAME LIM

JOB NUMBER 2808 DATE OF SAMPLING 05-30-08

WELL ID. MW-8 SAMPLER DA

TOTAL DEPTH OF WELL 49.00' WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 22.52

PRODUCT THICKNESS —

DEPTH OF WELL CASING IN WATER

NUMBER OF GALLONS PER WELL CASING VOLUME

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 5

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 0940 TIME EVACUATION COMPLETED 0955

TIME SAMPLES WERE COLLECTED 1000

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 5

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR clear ODOR/SEDIMENT NO / NO

### CHEMICAL DATA

| VOLUME PURGED | TEMPERATURE | PH | CONDUCTIVITY |
|---|---|---|---|
| 1 | 18.2 | 7.54 | 477 |
| 2 | 18.5 | 7.54 | 475 |
| 3 | 18.6 | 7.54 | 475 |

### SAMPLES COLLECTED

| SAMPLE | # OF CONTAINERS | SIZE AND TYPE OF CONTAINER | ANALYSIS | PRESERVED |
|---|---|---|---|---|
| MW-8 | 5 | 40 ml VOA | 8260B + TPH-D | ✓ |
| | | | | |
| | | | | |

# AQUA SCIENCE ENGINEERS

## WELL SAMPLING FIELD LOG

PROJECT NAME LIM

JOB NUMBER 2808 DATE OF SAMPLING 05-30-08

WELL ID. MW-1 SAMPLER DA

TOTAL DEPTH OF WELL 26.80' WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 18.17

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 8.63

NUMBER OF GALLONS PER WELL CASING VOLUME 1.38

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 4.14

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 1010 TIME EVACUATION COMPLETED 1020

TIME SAMPLES WERE COLLECTED 1025

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 4.25

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR LT GRAY ODOR/SEDIMENT NO / SL

### CHEMICAL DATA

| VOLUME PURGED | TEMPERATURE | PH | CONDUCTIVITY |
|---|---|---|---|
| 1 | 17.9 | 6.70 | 582 |
| 2 | 18.2 | 6.69 | 573 |
| 3 | 18.3 | 6.65 | 561 |

### SAMPLES COLLECTED

| SAMPLE | # OF CONTAINERS | SIZE AND TYPE OF CONTAINER | ANALYSIS | PRESERVED |
|---|---|---|---|---|
| MW-1 | 5 | 40 ML VOA | 8260B + TPH-D | ✓ |
| | | | | |
| | | | | |

# AQUA SCIENCE ENGINEERS

## WELL SAMPLING FIELD LOG

PROJECT NAME LIM

JOB NUMBER 2808 DATE OF SAMPLING 05-30-08

WELL ID. MW-3 SAMPLER DA

TOTAL DEPTH OF WELL 10.05' WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 17.20' to 17.90'

PRODUCT THICKNESS

DEPTH OF WELL CASING IN WATER

NUMBER OF GALLONS PER WELL CASING VOLUME

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING

EQUIPMENT USED TO PURGE WELL NEW 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 NEW DISPOSABLE BAILER

SAMPLE COLOR ODOR/SEDIMENT

### CHEMICAL DATA

| VOLUME PURGED | TEMPERATURE | PH | CONDUCTIVITY |
|---|---|---|---|
| 1 | | | |
| 2 | | | |
| 3 | | | |

### SAMPLES COLLECTED

| SAMPLE | # OF CONTAINERS | SIZE AND TYPE OF CONTAINER | ANALYSIS | PRESERVED |
|---|---|---|---|---|
| MW- | 5 | 40 ml VOA | 8260B + TPH-D | ✓ |
| | | | | |
| | | | | |

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# APPENDIX B

Certified Analytical Report
and
Chain of Custody Documentation

KIFF Analytical LLC

Report Number : 62982
Date : 06/09/2008

Robert Kitay
Aqua Science Engineers, Inc.
55 Oak Court, Suite 220
Danville, CA 94526

Subject : 7 Water Samples
Project Name : LIM
Project Number : 2808

Dear Mr. Kitay,

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 : 62982
Date : 06/09/2008

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

Sample : **MW-1** Matrix : Water Lab Number : 62982-01
Sample Date :05/30/2008

| Parameter | Measured Value | Method Reporting Limit | Units | Analysis Method | Date Analyzed |
|---|---|---|---|---|---|
| **Benzene** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Toluene** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Ethylbenzene** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Total Xylenes** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Methyl-t-butyl ether (MTBE)** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Diisopropyl ether (DIPE)** | **0.95** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Ethyl-t-butyl ether (ETBE)** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Tert-amyl methyl ether (TAME)** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Tert-Butanol** | **< 5.0** | 5.0 | ug/L | EPA 8260B | 06/04/2008 |
| **TPH as Gasoline** | **200** | 50 | ug/L | EPA 8260B | 06/04/2008 |
| **1,2-Dichloroethane** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **1,2-Dibromoethane** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| 1,2-Dichloroethane-d4 (Surr) | 100 | | % Recovery | EPA 8260B | 06/04/2008 |
| Toluene - d8 (Surr) | 99.8 | | % Recovery | EPA 8260B | 06/04/2008 |
| **TPH as Diesel (Silica Gel)** | **240** | 50 | ug/L | M EPA 8015 | 06/04/2008 |
| Octacosane (Silica Gel Surr) | 124 | | % Recovery | M EPA 8015 | 06/04/2008 |

Approved By: Joel Kiff

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

KIFF Analytical LLC

Report Number : 62982
Date : 06/09/2008

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

Sample : **MW-2** Matrix : Water Lab Number : 62982-02
Sample Date :05/30/2008

| Parameter | Measured Value | Method Reporting Limit | Units | Analysis Method | Date Analyzed |
|---|---|---|---|---|---|
| **Benzene** | **11000** | 25 | ug/L | EPA 8260B | 06/05/2008 |
| **Toluene** | **620** | 15 | ug/L | EPA 8260B | 06/04/2008 |
| **Ethylbenzene** | **1100** | 15 | ug/L | EPA 8260B | 06/04/2008 |
| **Total Xylenes** | **2300** | 15 | ug/L | EPA 8260B | 06/04/2008 |
| **Methyl-t-butyl ether (MTBE)** | **< 15** | 15 | ug/L | EPA 8260B | 06/04/2008 |
| **Diisopropyl ether (DIPE)** | **< 15** | 15 | ug/L | EPA 8260B | 06/04/2008 |
| **Ethyl-t-butyl ether (ETBE)** | **< 15** | 15 | ug/L | EPA 8260B | 06/04/2008 |
| **Tert-amyl methyl ether (TAME)** | **< 15** | 15 | ug/L | EPA 8260B | 06/04/2008 |
| **Tert-Butanol** | **84** | 70 | ug/L | EPA 8260B | 06/04/2008 |
| **TPH as Gasoline** | **31000** | 1500 | ug/L | EPA 8260B | 06/04/2008 |
| **1,2-Dichloroethane** | **< 15** | 15 | ug/L | EPA 8260B | 06/04/2008 |
| **1,2-Dibromoethane** | **< 15** | 15 | ug/L | EPA 8260B | 06/04/2008 |
| 1,2-Dichloroethane-d4 (Surr) | 102 | | % Recovery | EPA 8260B | 06/04/2008 |
| Toluene - d8 (Surr) | 99.7 | | % Recovery | EPA 8260B | 06/04/2008 |
| **TPH as Diesel (Silica Gel)** | **< 1000** | 1000 | ug/L | M EPA 8015 | 06/05/2008 |
| (Note: MRL increased due to interference from Gasoline-range hydrocarbons.) | | | | | |
| Octacosane (Silica Gel Surr) | 122 | | % Recovery | M EPA 8015 | 06/05/2008 |

Approved By: Joel Kiff

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

KIFF Analytical LLC

Report Number : 62982
Date : 06/09/2008

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

Sample : **MW-4** Matrix : Water Lab Number : 62982-03
Sample Date :05/30/2008

| Parameter | Measured Value | Method Reporting Limit | Units | Analysis Method | Date Analyzed |
|---|---|---|---|---|---|
| **Benzene** | **9200** | 15 | ug/L | EPA 8260B | 06/04/2008 |
| **Toluene** | **5100** | 15 | ug/L | EPA 8260B | 06/04/2008 |
| **Ethylbenzene** | **3000** | 15 | ug/L | EPA 8260B | 06/04/2008 |
| **Total Xylenes** | **12000** | 15 | ug/L | EPA 8260B | 06/04/2008 |
| **Methyl-t-butyl ether (MTBE)** | **< 15** | 15 | ug/L | EPA 8260B | 06/04/2008 |
| **Diisopropyl ether (DIPE)** | **< 15** | 15 | ug/L | EPA 8260B | 06/04/2008 |
| **Ethyl-t-butyl ether (ETBE)** | **< 15** | 15 | ug/L | EPA 8260B | 06/04/2008 |
| **Tert-amyl methyl ether (TAME)** | **< 15** | 15 | ug/L | EPA 8260B | 06/04/2008 |
| **Tert-Butanol** | **83** | 70 | ug/L | EPA 8260B | 06/04/2008 |
| **TPH as Gasoline** | **64000** | 1500 | ug/L | EPA 8260B | 06/04/2008 |
| **1,2-Dichloroethane** | **19** | 15 | ug/L | EPA 8260B | 06/04/2008 |
| **1,2-Dibromoethane** | **< 15** | 15 | ug/L | EPA 8260B | 06/04/2008 |
| 1,2-Dichloroethane-d4 (Surr) | 103 | | % Recovery | EPA 8260B | 06/04/2008 |
| Toluene - d8 (Surr) | 98.8 | | % Recovery | EPA 8260B | 06/04/2008 |
| **TPH as Diesel (Silica Gel)** | **< 3000** | 3000 | ug/L | M EPA 8015 | 06/06/2008 |
| (Note: MRL increased due to interference from Gasoline-range hydrocarbons.) | | | | | |
| Octacosane (Silica Gel Surr) | 123 | | % Recovery | M EPA 8015 | 06/06/2008 |

Approved By: Joel Kiff

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

KIFF Analytical LLC

Report Number : 62982
Date : 06/09/2008

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

Sample : **MW-5** Matrix : Water Lab Number : 62982-04
Sample Date :05/30/2008

| Parameter | Measured Value | Method Reporting Limit | Units | Analysis Method | Date Analyzed |
|---|---|---|---|---|---|
| **Benzene** | **1.8** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Toluene** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Ethylbenzene** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Total Xylenes** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Methyl-t-butyl ether (MTBE)** | **2.4** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Diisopropyl ether (DIPE)** | **3.1** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Ethyl-t-butyl ether (ETBE)** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Tert-amyl methyl ether (TAME)** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Tert-Butanol** | **< 5.0** | 5.0 | ug/L | EPA 8260B | 06/04/2008 |
| **TPH as Gasoline** | **71** | 50 | ug/L | EPA 8260B | 06/04/2008 |
| **1,2-Dichloroethane** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **1,2-Dibromoethane** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| 1,2-Dichloroethane-d4 (Surr) | 102 | | % Recovery | EPA 8260B | 06/04/2008 |
| Toluene - d8 (Surr) | 99.3 | | % Recovery | EPA 8260B | 06/04/2008 |
| **TPH as Diesel (Silica Gel)** | **< 50** | 50 | ug/L | M EPA 8015 | 06/04/2008 |
| Octacosane (Silica Gel Surr) | 100 | | % Recovery | M EPA 8015 | 06/04/2008 |

Approved By: Joel Kiff

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

KIFF Analytical LLC

Report Number : 62982
Date : 06/09/2008

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

Sample : **MW-6** Matrix : Water Lab Number : 62982-05
Sample Date :05/30/2008

| Parameter | Measured Value | Method Reporting Limit | Units | Analysis Method | Date Analyzed |
|---|---|---|---|---|---|
| **Benzene** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Toluene** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Ethylbenzene** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Total Xylenes** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Methyl-t-butyl ether (MTBE)** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Diisopropyl ether (DIPE)** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Ethyl-t-butyl ether (ETBE)** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Tert-amyl methyl ether (TAME)** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Tert-Butanol** | **< 5.0** | 5.0 | ug/L | EPA 8260B | 06/04/2008 |
| **TPH as Gasoline** | **< 50** | 50 | ug/L | EPA 8260B | 06/04/2008 |
| **1,2-Dichloroethane** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **1,2-Dibromoethane** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| 1,2-Dichloroethane-d4 (Surr) | 99.6 | | % Recovery | EPA 8260B | 06/04/2008 |
| Toluene - d8 (Surr) | 99.9 | | % Recovery | EPA 8260B | 06/04/2008 |
| **TPH as Diesel (Silica Gel)** | **< 50** | 50 | ug/L | M EPA 8015 | 06/04/2008 |
| Octacosane (Silica Gel Surr) | 91.8 | | % Recovery | M EPA 8015 | 06/04/2008 |

Approved By: Joel Kiff

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

KIFF Analytical LLC

Report Number : 62982
Date : 06/09/2008

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

Sample : **MW-7** Matrix : Water Lab Number : 62982-06
Sample Date :05/30/2008

| Parameter | Measured Value | Method Reporting Limit | Units | Analysis Method | Date Analyzed |
|---|---|---|---|---|---|
| **Benzene** | **160** | 2.5 | ug/L | EPA 8260B | 06/05/2008 |
| **Toluene** | **620** | 2.5 | ug/L | EPA 8260B | 06/05/2008 |
| **Ethylbenzene** | **590** | 2.5 | ug/L | EPA 8260B | 06/05/2008 |
| **Total Xylenes** | **2300** | 2.5 | ug/L | EPA 8260B | 06/05/2008 |
| **Methyl-t-butyl ether (MTBE)** | **< 2.5** | 2.5 | ug/L | EPA 8260B | 06/05/2008 |
| **Diisopropyl ether (DIPE)** | **< 2.5** | 2.5 | ug/L | EPA 8260B | 06/05/2008 |
| **Ethyl-t-butyl ether (ETBE)** | **< 2.5** | 2.5 | ug/L | EPA 8260B | 06/05/2008 |
| **Tert-amyl methyl ether (TAME)** | **< 2.5** | 2.5 | ug/L | EPA 8260B | 06/05/2008 |
| **Tert-Butanol** | **< 15** | 15 | ug/L | EPA 8260B | 06/05/2008 |
| **TPH as Gasoline** | **9900** | 250 | ug/L | EPA 8260B | 06/05/2008 |
| **1,2-Dichloroethane** | **< 2.5** | 2.5 | ug/L | EPA 8260B | 06/05/2008 |
| **1,2-Dibromoethane** | **< 2.5** | 2.5 | ug/L | EPA 8260B | 06/05/2008 |
| 1,2-Dichloroethane-d4 (Surr) | 96.7 | | % Recovery | EPA 8260B | 06/05/2008 |
| Toluene - d8 (Surr) | 99.5 | | % Recovery | EPA 8260B | 06/05/2008 |
| **TPH as Diesel (Silica Gel)** | **< 200** | 200 | ug/L | M EPA 8015 | 06/04/2008 |
| (Note: MRL increased due to interference from Gasoline-range hydrocarbons.) | | | | | |
| Octacosane (Silica Gel Surr) | 108 | | % Recovery | M EPA 8015 | 06/04/2008 |

Approved By: Joel Kiff

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

KIFF Analytical LLC

Report Number : 62982
Date : 06/09/2008

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

Sample : **MW-8** Matrix : Water Lab Number : 62982-07
Sample Date :05/30/2008

| Parameter | Measured Value | Method Reporting Limit | Units | Analysis Method | Date Analyzed |
|---|---|---|---|---|---|
| **Benzene** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Toluene** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Ethylbenzene** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Total Xylenes** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Methyl-t-butyl ether (MTBE)** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Diisopropyl ether (DIPE)** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Ethyl-t-butyl ether (ETBE)** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Tert-amyl methyl ether (TAME)** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **Tert-Butanol** | **< 5.0** | 5.0 | ug/L | EPA 8260B | 06/04/2008 |
| **TPH as Gasoline** | **< 50** | 50 | ug/L | EPA 8260B | 06/04/2008 |
| **1,2-Dichloroethane** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| **1,2-Dibromoethane** | **< 0.50** | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| 1,2-Dichloroethane-d4 (Surr) | 100 | | % Recovery | EPA 8260B | 06/04/2008 |
| Toluene - d8 (Surr) | 99.3 | | % Recovery | EPA 8260B | 06/04/2008 |
| **TPH as Diesel (Silica Gel)** | **< 50** | 50 | ug/L | M EPA 8015 | 06/06/2008 |
| Octacosane (Silica Gel Surr) | 109 | | % Recovery | M EPA 8015 | 06/06/2008 |

Approved By: Joel Kiff

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 62982

Date : 06/09/2008

**QC Report : Method Blank Data**

Project Name : **LIM**

Project Number : **2808**

| Parameter | Measured Value | Method Reporting Limit | Units | Analysis Method | Date Analyzed |
|---|---|---|---|---|---|
| TPH as Diesel (Silica Gel) | < 50 | 50 | ug/L | M EPA 8015 | 06/04/2008 |
| Octacosane (Silica Gel Surr) | 122 | | % | M EPA 8015 | 06/04/2008 |
| TPH as Diesel (Silica Gel) | < 50 | 50 | ug/L | M EPA 8015 | 06/06/2008 |
| Octacosane (Silica Gel Surr) | 123 | | % | M EPA 8015 | 06/06/2008 |
| Benzene | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Ethylbenzene | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Toluene | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Total Xylenes | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Diisopropyl ether (DIPE) | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Ethyl-t-butyl ether (ETBE) | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Methyl-t-butyl ether (MTBE) | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Tert-Butanol | < 5.0 | 5.0 | ug/L | EPA 8260B | 06/04/2008 |
| Tert-amyl methyl ether (TAME) | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| TPH as Gasoline | < 50 | 50 | ug/L | EPA 8260B | 06/04/2008 |
| 1,2-Dibromoethane | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| 1,2-Dichloroethane | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| 1,2-Dichloroethane-d4 (Surr) | 105 | | % | EPA 8260B | 06/04/2008 |
| Toluene - d8 (Surr) | 103 | | % | EPA 8260B | 06/04/2008 |

| Parameter | Measured Value | Method Reporting Limit | Units | Analysis Method | Date Analyzed |
|---|---|---|---|---|---|
| Benzene | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Ethylbenzene | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Toluene | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Total Xylenes | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Diisopropyl ether (DIPE) | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Ethyl-t-butyl ether (ETBE) | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Methyl-t-butyl ether (MTBE) | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Tert-Butanol | < 5.0 | 5.0 | ug/L | EPA 8260B | 06/04/2008 |
| Tert-amyl methyl ether (TAME) | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| TPH as Gasoline | < 50 | 50 | ug/L | EPA 8260B | 06/04/2008 |
| 1,2-Dibromoethane | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| 1,2-Dichloroethane | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| 1,2-Dichloroethane-d4 (Surr) | 103 | | % | EPA 8260B | 06/04/2008 |
| Toluene - d8 (Surr) | 102 | | % | EPA 8260B | 06/04/2008 |
| Benzene | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Ethylbenzene | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Toluene | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Total Xylenes | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Diisopropyl ether (DIPE) | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Ethyl-t-butyl ether (ETBE) | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Methyl-t-butyl ether (MTBE) | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Tert-Butanol | < 5.0 | 5.0 | ug/L | EPA 8260B | 06/04/2008 |
| Tert-amyl methyl ether (TAME) | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| TPH as Gasoline | < 50 | 50 | ug/L | EPA 8260B | 06/04/2008 |
| 1,2-Dibromoethane | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| 1,2-Dichloroethane | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| 1,2-Dichloroethane-d4 (Surr) | 101 | | % | EPA 8260B | 06/04/2008 |
| Toluene - d8 (Surr) | 99.7 | | % | EPA 8260B | 06/04/2008 |

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 62982

Date : 06/09/2008

**QC Report : Method Blank Data**

Project Name : **LIM**

Project Number : **2808**

| Parameter | Measured Value | Method Reporting Limit | Units | Analysis Method | Date Analyzed |
|---|---|---|---|---|---|
| Benzene | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Ethylbenzene | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Toluene | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Total Xylenes | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Diisopropyl ether (DIPE) | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Ethyl-t-butyl ether (ETBE) | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Methyl-t-butyl ether (MTBE) | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| Tert-Butanol | < 5.0 | 5.0 | ug/L | EPA 8260B | 06/04/2008 |
| Tert-amyl methyl ether (TAME) | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| TPH as Gasoline | < 50 | 50 | ug/L | EPA 8260B | 06/04/2008 |
| 1,2-Dibromoethane | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| 1,2-Dichloroethane | < 0.50 | 0.50 | ug/L | EPA 8260B | 06/04/2008 |
| 1,2-Dichloroethane-d4 (Surr) | 102 | | % | EPA 8260B | 06/04/2008 |
| Toluene - d8 (Surr) | 99.8 | | % | EPA 8260B | 06/04/2008 |

| Parameter | Measured Value | Method Reporting Limit | Units | Analysis Method | Date Analyzed |
|---|---|---|---|---|---|

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 62982

Date : 06/09/2008

**QC Report : Matrix Spike/ Matrix Spike Duplicate**

Project Name : **LIM**

Project Number : **2808**

| Parameter | Spiked Sample | Sample Value | Spike Level | Spike Dup. Level | Spiked Sample Value | Duplicate Spiked Sample Value | Units | Analysis Method | Date Analyzed | Spiked Sample Percent Recov. | Duplicate Spiked Sample Percent Recov. | Relative Percent Diff. | Spiked Sample Percent Recov. Limit | Relative Percent Diff. Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TPH-D (Si Gel) | BLANK | <50 | 1000 | 1000 | 1060 | 1050 | ug/L | M EPA 8015 | 6/4/08 | 106 | 105 | 1.12 | 70-130 | 25 |
| TPH-D (Si Gel) | BLANK | <50 | 1000 | 1000 | 1060 | 1020 | ug/L | M EPA 8015 | 6/6/08 | 106 | 102 | 4.23 | 70-130 | 25 |
| 1,2-Dichloroethane | 62983-04 | 15 | 38.9 | 39.1 | 54.6 | 54.0 | ug/L | EPA 8260B | 6/3/08 | 101 | 99.6 | 1.78 | 70-130 | 25 |
| Benzene | 62983-04 | <0.50 | 39.8 | 40.0 | 40.6 | 40.5 | ug/L | EPA 8260B | 6/3/08 | 102 | 101 | 0.596 | 70-130 | 25 |
| Methyl-t-butyl ether | 62983-04 | <0.50 | 39.8 | 39.9 | 42.0 | 42.0 | ug/L | EPA 8260B | 6/3/08 | 106 | 105 | 0.233 | 70-130 | 25 |
| Tert-Butanol | 62983-04 | 66 | 198 | 199 | 269 | 273 | ug/L | EPA 8260B | 6/3/08 | 102 | 104 | 1.83 | 70-130 | 25 |
| Toluene | 62983-04 | <0.50 | 39.2 | 39.4 | 42.1 | 41.9 | ug/L | EPA 8260B | 6/3/08 | 107 | 106 | 1.02 | 70-130 | 25 |
| 1,2-Dichloroethane | 62971-32 | <0.50 | 39.2 | 39.2 | 42.5 | 42.3 | ug/L | EPA 8260B | 6/4/08 | 108 | 108 | 0.358 | 70-130 | 25 |
| Benzene | 62971-32 | <0.50 | 40.0 | 40.0 | 39.6 | 39.7 | ug/L | EPA 8260B | 6/4/08 | 98.9 | 99.2 | 0.275 | 70-130 | 25 |
| Methyl-t-butyl ether | 62971-32 | <0.50 | 40.0 | 40.0 | 39.2 | 40.9 | ug/L | EPA 8260B | 6/4/08 | 98.0 | 102 | 4.38 | 70-130 | 25 |
| Tert-Butanol | 62971-32 | <5.0 | 200 | 200 | 199 | 207 | ug/L | EPA 8260B | 6/4/08 | 99.6 | 104 | 4.04 | 70-130 | 25 |
| Toluene | 62971-32 | 0.55 | 39.5 | 39.5 | 40.1 | 40.0 | ug/L | EPA 8260B | 6/4/08 | 100 | 99.9 | 0.260 | 70-130 | 25 |
| 1,2-Dichloroethane | 63007-05 | 1.2 | 39.2 | 39.2 | 41.3 | 41.1 | ug/L | EPA 8260B | 6/4/08 | 102 | 102 | 0.618 | 70-130 | 25 |
| Benzene | 63007-05 | 1.9 | 40.1 | 40.1 | 42.3 | 41.3 | ug/L | EPA 8260B | 6/4/08 | 101 | 98.1 | 2.52 | 70-130 | 25 |
| Methyl-t-butyl ether | 63007-05 | 170 | 40.1 | 40.1 | 201 | 202 | ug/L | EPA 8260B | 6/4/08 | 86.5 | 87.5 | 1.14 | 70-130 | 25 |
| Tert-Butanol | 63007-05 | 23 | 200 | 200 | 224 | 226 | ug/L | EPA 8260B | 6/4/08 | 101 | 102 | 0.840 | 70-130 | 25 |
| Toluene | 63007-05 | <0.50 | 39.5 | 39.5 | 41.1 | 39.8 | ug/L | EPA 8260B | 6/4/08 | 104 | 101 | 3.17 | 70-130 | 25 |

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 62982

Date : 06/09/2008

**QC Report : Matrix Spike/ Matrix Spike Duplicate**

Project Name : **LIM**

Project Number : **2808**

| Parameter | Spiked Sample | Sample Value | Spike Level | Spike Dup. Level | Spiked Sample Value | Duplicate Spiked Sample Value | Units | Analysis Method | Date Analyzed | Spiked Sample Percent Recov. | Duplicate Spiked Sample Percent Recov. | Relative Percent Diff. | Spiked Sample Percent Recov. Limit | Relative Percent Diff. Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane | 63011-01 | 2.8 | 39.2 | 39.2 | 43.8 | 43.7 | ug/L | EPA 8260B | 6/4/08 | 104 | 104 | 0.396 | 70-130 | 25 |
| Benzene | 63011-01 | <0.50 | 40.1 | 40.1 | 41.2 | 40.8 | ug/L | EPA 8260B | 6/4/08 | 102 | 102 | 0.909 | 70-130 | 25 |
| Methyl-t-butyl ether | 63011-01 | <0.50 | 40.1 | 40.1 | 40.4 | 39.9 | ug/L | EPA 8260B | 6/4/08 | 101 | 99.6 | 1.11 | 70-130 | 25 |
| Tert-Butanol | 63011-01 | <5.0 | 200 | 200 | 202 | 205 | ug/L | EPA 8260B | 6/4/08 | 101 | 102 | 1.25 | 70-130 | 25 |
| Toluene | 63011-01 | <0.50 | 39.5 | 39.5 | 41.6 | 41.1 | ug/L | EPA 8260B | 6/4/08 | 105 | 104 | 1.17 | 70-130 | 25 |

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 62982

Date : 06/09/2008

**QC Report : Laboratory Control Sample (LCS)**

Project Name : **LIM**

Project Number : **2808**

| Parameter | Spike Level | Units | Analysis Method | Date Analyzed | LCS Percent Recov. | LCS Percent Recov. Limit |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane | 39.2 | ug/L | EPA 8260B | 6/3/08 | 108 | 70-130 |
| Benzene | 40.1 | ug/L | EPA 8260B | 6/3/08 | 103 | 70-130 |
| Methyl-t-butyl ether | 40.1 | ug/L | EPA 8260B | 6/3/08 | 109 | 70-130 |
| Tert-Butanol | 200 | ug/L | EPA 8260B | 6/3/08 | 99.1 | 70-130 |
| Toluene | 39.5 | ug/L | EPA 8260B | 6/3/08 | 108 | 70-130 |
| | | | | | | |
| 1,2-Dichloroethane | 39.2 | ug/L | EPA 8260B | 6/4/08 | 107 | 70-130 |
| Benzene | 40.1 | ug/L | EPA 8260B | 6/4/08 | 98.4 | 70-130 |
| Methyl-t-butyl ether | 40.1 | ug/L | EPA 8260B | 6/4/08 | 99.2 | 70-130 |
| Tert-Butanol | 200 | ug/L | EPA 8260B | 6/4/08 | 101 | 70-130 |
| Toluene | 39.5 | ug/L | EPA 8260B | 6/4/08 | 102 | 70-130 |
| | | | | | | |
| 1,2-Dichloroethane | 40.1 | ug/L | EPA 8260B | 6/4/08 | 104 | 70-130 |
| Benzene | 40.1 | ug/L | EPA 8260B | 6/4/08 | 104 | 70-130 |
| Methyl-t-butyl ether | 40.2 | ug/L | EPA 8260B | 6/4/08 | 103 | 70-130 |
| Tert-Butanol | 200 | ug/L | EPA 8260B | 6/4/08 | 102 | 70-130 |
| Toluene | 40.1 | ug/L | EPA 8260B | 6/4/08 | 106 | 70-130 |
| | | | | | | |
| 1,2-Dichloroethane | 39.8 | ug/L | EPA 8260B | 6/4/08 | 104 | 70-130 |
| Benzene | 39.8 | ug/L | EPA 8260B | 6/4/08 | 103 | 70-130 |
| Methyl-t-butyl ether | 39.9 | ug/L | EPA 8260B | 6/4/08 | 102 | 70-130 |
| Tert-Butanol | 199 | ug/L | EPA 8260B | 6/4/08 | 102 | 70-130 |

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 62982

Date : 06/09/2008

**QC Report : Laboratory Control Sample (LCS)**

Project Name : **LIM**

Project Number : **2808**

| Parameter | Spike Level | Units | Analysis Method | Date Analyzed | LCS Percent Recov. | LCS Percent Recov. Limit |
|---|---|---|---|---|---|---|
| Toluene | 39.8 | ug/L | EPA 8260B | 6/4/08 | 105 | 70-130 |

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Aqua Science Engineers, Inc.
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Danville, CA 94526
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# Chain of Custody

62982

PAGE 1 of

SAMPLER (SIGNATURE)

PROJECT NAME L/M JOB NO. 2808

ADDRESS 250 8th St. Oakland, CA

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:

| SAMPLE ID. | DATE | TIME | MATRIX | QUANTITY | TPH-GAS / MTBE & BTEX (EPA 5030/8015-8020) | TPH-DIESEL (EPA 3510/8015) w/silica gel cleanup | TPH-DIESEL & MOTOR OIL (EPA 3510/8015) | CAM 17 METALS (EPA 6010+7000) | SEMI-VOLATILE ORGANICS (EPA 625/8270) | Pb (TOTAL or DISSOLVED) (EPA 6010) | PESTICIDES (EPA 8081) | FUEL OXYGENATES (EPA 8260) | PURGEABLE HALOCARBONS (EPA 601/8010) | TPH-G/BTEX/5 OXYS + Pb (EPA METHOD 8260) scavenger | MULTI-RANGE HYDROCARBONS WITH SILICA GEL CLEANUP (EPA 8015) | VOLATILE ORGANICS (EPA 624/8240/8260) | LUFT METALS (5) (EPA 6010+7000) | COMPOSITE 4:1 | EDF | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-1 | 05/30/08 | 0745 | W | 5 | | X | | | | | | | | X | | | | | X | 01 |
| MW-2 | | 1025 | | | | X | | | | | | | | X | | | | | X | 02 |
| MW-4 | | 0808 | | | | X | | | | | | | | X | | | | | X | 03 |
| MW-5 | | 0725 | | | | X | | | | | | | | X | | | | | X | 04 |
| MW-6 | | 0925 | | | | X | | | | | | | | X | | | | | X | 05 |
| MW-7 | | 0815 | | | | X | | | | | | | | X | | | | | X | 06 |
| MW-8 | | 1000 | | | | X | | | | | | | | X | | | | | X | 07 |

SAMPLE RECEIPT
Temp °C 1.8 Therm. ID# IR-1
Initial AUC Date 06/02/08
Time 1522 Coolant present: yes

| RELINQUISHED BY: | RECEIVED BY: | RELINQUISHED BY: | RECEIVED BY LABORATORY: | COMMENTS: |
|---|---|---|---|---|
| (signature) (time) | (signature) (time) | (signature) (time) | (signature) 1013 (time) | |
| D. Allen 05.30.08 | | | Nick Perry 060208 | |
| (printed name) (date) | (printed name) (date) | (printed name) (date) | (printed name) (date) | TURN AROUND TIME |
| Company-ASE, INC. | Company- | Company- | Company- Kiff Analytical | STANDARD 24Hr 48Hr 72Hr |
| | | | | OTHER: |