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Alameda County
Environmental Health

January 11, 2008

**QUARTERLY GROUNDWATER MONITORING REPORT
OCTOBER 2007 GROUNDWATER SAMPLING
ASE JOB NO. 3412**

at
Yee Property
726 Harrison Street
Oakland, CA 94602

Prepared by:
AQUA SCIENCE ENGINEERS, INC.
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1.0 INTRODUCTION

Site Location (Site), See Figure 1

Yee Property
(Previously Former Chan's Shell Station)
726 Harrison Street
Oakland, CA 94602
(510) 444-6583

Responsible Party

Peter Yee
1000 San Antonio Avenue
Alameda, CA 94501

Environmental Consulting Firm

Aqua Science Engineers, Inc. (ASE)
55 Oak Court, Suite 220
Danville, CA 94526
Contact: Robert Kitay, Senior Geologist
(925) 820-9391

Agency Review

Alameda County Health
Care Services Agency (ACHCSA)
1131 Harbor Bay Pkwy
Suite 250
Alameda, CA 94502
Contact: Mr. Steven Plunkett
(510) 567-6700

California Regional Water
Quality Control Board (RWQCB)
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612
Contact: Ms. Betty Graham
(510) 622-2433

The following is a report detailing the results of the October 2007 quarterly groundwater sampling at the Yee Property, previously referred to as the former Chan's Shell Station. This sampling was conducted as required by the ACHCSA and RWQCB. ASE has prepared this report on behalf of Peter Yee, the current responsible party, who purchased the property from Kin Chan. This report is intended to supplement the ASE report: "Report of Soil and Groundwater Assessment" dated January 8, 1999.



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2.0 GROUNDWATER FLOW DIRECTION AND GRADIENT

On October 23, 2007, ASE measured the depth to groundwater in monitoring wells MW-1 and MW-3 through MW-5 using an electric water level sounder. The surface of the groundwater was also checked for the presence of free-floating hydrocarbons or sheen. No free-floating hydrocarbons were observed in any site well. Monitoring well MW-2 was inaccessible this quarter. ASE coordinated this groundwater sampling with Conestoga-Rovers and Associates, Inc., (CRA), who is investigating the adjacent property located at 706 Harrison Street, referred to in this report as the former ARCO station, and groundwater elevation levels were measured on the same day. Groundwater elevation data for both sites are presented in Tables One and Two. A groundwater potentiometric surface map illustrating groundwater elevation contours is presented as Figure 2. The groundwater flow direction below the site is generally to the south at a gradient of 0.01 feet/foot.

3.0 GROUNDWATER SAMPLE COLLECTION AND ANALYSIS

On October 23, 2007, ASE collected groundwater samples from monitoring wells MW-1 and MW-3 through MW-5. Monitoring well MW-2 was inaccessible this quarter and therefore was not sampled. Prior to sampling, each well was purged of three well casing volumes of groundwater using disposable polyethylene bailers. Petroleum hydrocarbon odors were noted during the purging and sampling of monitoring wells MW-1, MW-3, MW-4, and MW-5. The parameters pH, temperature, and conductivity were monitored during the well purging, and samples were not collected until these parameters stabilized. Groundwater samples were collected from each well using disposable polyethylene bailers and were decanted from the bottom of the bailers using low-flow emptying devices into 40-ml volatile organic analysis (VOA) vials, pre-preserved with hydrochloric acid. The samples were capped without headspace, labeled, and placed in coolers with wet ice for transport to Kiff Analytical, LLC, (KIFF) of Davis, California under appropriate chain-of-custody documentation. Well sampling field logs are presented in Appendix A. 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.

All groundwater samples were analyzed by KIFF for total petroleum hydrocarbons as gasoline (TPH-G), benzene, toluene, ethylbenzene and total xylenes (collectively known as BTEX) and methyl tertiary butyl ether (MTBE) by EPA Method 8260B. The analytical results for this and previous sampling periods are presented in Table Three. The certified analytical report and chain-of-custody documentation are included as Appendix B.

4.0 CONCLUSIONS

- Concentrations of TPH-G, BTEX and MTBE in groundwater samples collected from monitoring well MW-1 were slightly lower than the previous quarter.



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- Concentrations of MTBE were very similar to last quarter's results in groundwater samples collected from monitoring well MW-3, and are significantly lower than all results prior to August 2007.
- Concentrations of MTBE in groundwater samples collected from monitoring well MW-4 are slightly lower than the previous quarter's results.
- Concentrations of TPH-G, BTEX and MTBE increased slightly from last quarter's results in groundwater samples collected from monitoring well MW-5.

The following hydrocarbon concentrations in groundwater remain in excess of 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 November 2007.

- Monitoring well MW-1 contained concentrations of TPH-G, BTEX and MTBE in excess of ESLs.
- Monitoring wells MW-3 and MW-4 contained concentrations of MTBE in excess of the ESL.
- Monitoring well MW-5 contained concentrations of TPH-G, BTEX and MTBE in excess of ESLs.

5.0 RECOMMENDATION

ASE recommends continued groundwater monitoring on a quarterly basis. The next groundwater sampling is scheduled for January 2008.

Additionally, ASE submitted a workplan dated December 6, 2007 to conduct additional soil and groundwater assessment in the site vicinity. ASE will conduct this work once the workplan is approved by the ACHCSA.



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6.0 REPORT LIMITATIONS

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

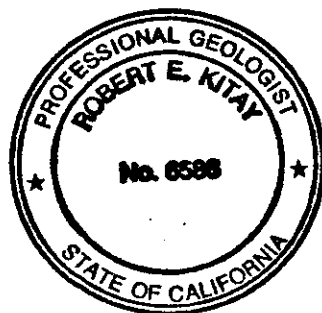
Aqua Science Engineers appreciates the opportunity to provide environmental consulting services for this project, and trust that this report meets your needs. Please feel free to call us at (925) 820-9391 if you have any questions or comments.

Respectfully submitted,

AQUA SCIENCE ENGINEERS, INC.

A handwritten signature in black ink that reads "Robert E. Kitay".

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



Attachments: Figures 1 and 2
Appendices A and B

cc: Mr. Steven Plunkett, Alameda County Health Care Services Agency
Ms. Betty Graham, RWQCB, San Francisco Bay Region

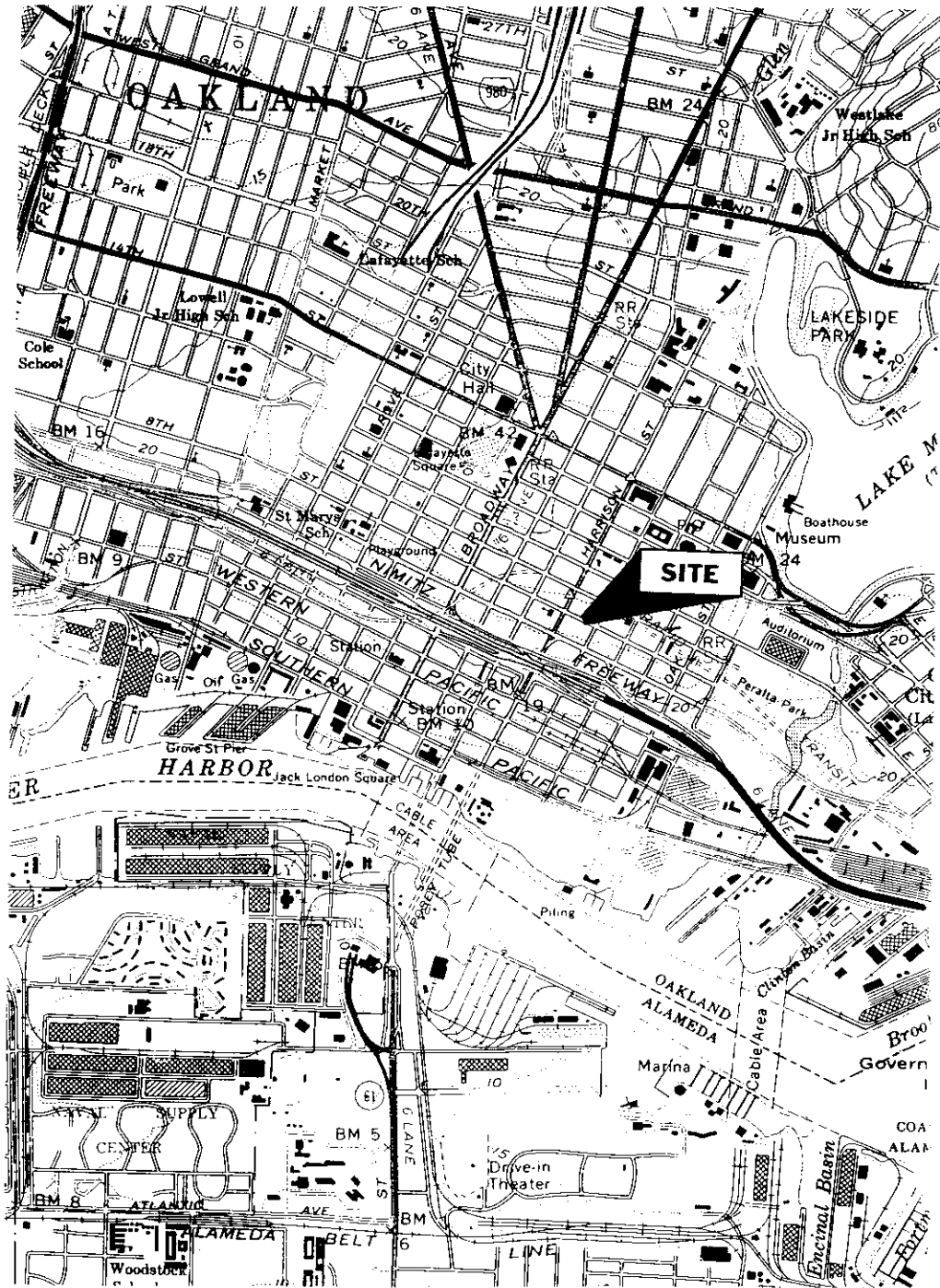


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FIGURES



NORTH



SITE LOCATION MAP

YEE PROPERTY
 726 HARRISON STREET
 OAKLAND, CALIFORNIA

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Figure 1

8TH STREET



NORTH

SCALE

1" = 30'

Unocal
MW-7

Unocal
MW-8

SUBJECT PROPERTY

MW-4
(10.59')

BH-A

FORMER
DSTS &
OVEREXCAVATION
BOUNDARY

10.5'

10.5'

YE-2

BH-C

MW-1
(10.23')

BUILDING

EW-1

AS-1

10.0'

10.0'

MW-3
(9.03')

MW-5
(9.91')

FORMER
USTS/
OVEREXCAVATIONS

ARCO
MW-4
(9.79')

MW-2
(NA)

ARCO
MW-2
(9.59')

9.5'

9.5'

ARCO
MW-3
(9.37')

FORMER
ARCO
STATION

ARCO
MW-1
(8.50)*

SIDEWALK

9.0'

HARRISON STREET

9.0'

7TH STREET

8.5'

8.5'

ARCO
MW-6
(8.42')

ARCO
MW-5
(8.18')

LEGEND

- Approx. Groundwater Flow Direction
- MW-1 ASE Monitoring Well
- MW-1 Former ARCO Monitoring Well
- (11.19)

 Groundwater elevation, relative to MSL
- Groundwater elevation contour
- * Anomalous data - Not used for contouring

GROUNDWATER ELEVATION
CONTOUR MAP - 10/23/07

YEE PROPERTY
726 HARRISON STREET
OAKLAND, CALIFORNIA

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Figure 2



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TABLES

TABLE ONE
Groundwater Elevation Data
Yee Property
726 Harrison St., Oakland, CA

| Well ID | Date of Measurement | Top of Casing Elevation (Relative to Mean Sea Level) | Depth to Water (feet) | Groundwater Elevation (project data) | |
|----------|---------------------|---|--------------------------|---|-------|
| MW-1 | 12/15/98 | 31.95* | 17.32 | 14.63 | |
| | 3/4/99 | | 15.52 | 16.43 | |
| | 6/17/99 | | 16.9 | 15.05 | |
| | 8/27/99 | | 17.39 | 14.56 | |
| | 12/19/99 | | 18.03 | 13.92 | |
| | 3/7/00 | | 15.11 | 16.84 | |
| | 6/7/00 | | 16.66 | 15.29 | |
| | 10/11/00 | | 18.08 | 13.87 | |
| | 1/18/01 | | 17.96 | 13.99 | |
| | 4/5/01 | | 16.35 | 15.60 | |
| | 7/17/01 | | 16.94 | 15.01 | |
| | 10/15/01 | | 28.98 | 17.35 | 11.63 |
| | 1/18/02 | | | 15.40 | 13.58 |
| | 4/11/02 | | | 15.76 | 13.22 |
| | 7/18/02 | | | 16.17 | 12.81 |
| | 10/19/02 | | | 16.72 | 12.26 |
| | 1/29/03 | | | 16.26 | 12.72 |
| | 4/11/03 | 16.56 | | 12.42 | |
| | 7/18/03 | 16.42 | | 12.56 | |
| | 10/19/03 | 16.88 | | 12.10 | |
| | 1/28/04 | 16.10 | | 12.88 | |
| | 4/7/04 | 15.43 | | 13.55 | |
| | 7/23/04 | 16.41 | | 12.57 | |
| | 10/12/04 | 17.73 | | 11.25 | |
| | 1/29/05 | 15.02 | | 13.96 | |
| | 4/28/05 | 14.99 | | 13.99 | |
| | 7/19/05 | 16.36 | | 12.62 | |
| | 10/18/05 | 17.82 | 11.16 | | |
| | 1/23/06 | 15.80 | 13.18 | | |
| | 4/12/06 | 13.24 | 15.74 | | |
| | 7/10/06 | 15.64 | 13.34 | | |
| | 10/16/06 | 17.51 | 11.47 | | |
| | 1/26/07 | 18.36 | 10.62 | | |
| 4/18/07 | 17.79 | 11.19 | | | |
| 8/2/07 | 18.20 | 10.78 | | | |
| 10/23/07 | 18.75 | 10.23 | | | |
| MW-2 | 12/15/98 | 32.40* | 18.03 | 14.37 | |
| | 3/4/99 | | 16.11 | 16.29 | |
| | 6/17/99 | | 17.72 | 14.68 | |
| | 8/27/99 | | Inaccessible | | |
| | 12/19/99 | | Inaccessible | | |
| | 3/7/00 | | Inaccessible | | |
| | 6/7/00 | | 17.67 | 14.73 | |
| | 10/11/00 | | 18.91 | 13.49 | |
| | 1/18/01 | | 18.66 | 13.74 | |
| | 4/15/01 | | 16.97 | 15.43 | |
| | 7/17/01 | | 17.54 | 14.86 | |
| | 10/15/01 | | 29.44 | 17.98 | 11.46 |
| | 1/18/02 | | | 15.87 | 13.57 |
| | 4/11/02 | | | 16.36 | 13.08 |
| | 7/18/02 | | | 16.72 | 12.72 |
| | 10/19/02 | | | 17.33 | 12.11 |
| | 1/29/03 | | | 16.82 | 12.62 |
| | 4/11/03 | 17.15 | | 12.29 | |
| | 7/18/03 | 17.05 | | 12.39 | |
| | 10/19/03 | 17.52 | | 11.92 | |
| | 1/28/04 | 16.70 | | 12.74 | |
| | 4/7/04 | 16.02 | | 13.42 | |
| | 7/23/04 | Inaccessible | | | |
| | 10/12/04 | 17.31 | | 12.13 | |
| | 1/29/05 | 15.46 | | 13.98 | |
| | 4/28/05 | 15.79 | | 13.65 | |
| | 7/19/05 | 17.25 | | 12.19 | |
| | 10/18/05 | 17.72 | 11.72 | | |
| | 1/23/05 | 15.65 | 13.79 | | |
| | 4/12/06 | 12.33 | 17.11 | | |
| | 7/10/06 | 16.58 | 12.86 | | |
| | 10/16/06 | 18.33 | 11.11 | | |
| | 1/26/07 | 19.21 | 10.23 | | |
| 4/18/07 | 18.58 | 10.86 | | | |
| 8/2/07 | 19.02 | 10.42 | | | |
| 10/23/07 | Inaccessible | | | | |

TABLE ONE
Groundwater Elevation Data
Yee Property
726 Harrison St., Oakland, CA

| Well ID | Date of Measurement | Top of Casing Elevation (Relative to Mean Sea Level) | Depth to Water (feet) | Groundwater Elevation (project data) |
|----------|---------------------|---|--------------------------|---|
| MW-3 | 12/15/98 | 31.61' | 17.26 | 14.35 |
| | 3/4/99 | | 15.47 | 16.14 |
| | 6/17/99 | | 16.92 | 14.69 |
| | 8/27/99 | | 17.40 | 14.21 |
| | 12/9/99 | | 18.01 | 13.60 |
| | 3/7/00 | | 16.15 | 15.46 |
| | 6/7/00 | | 16.85 | 14.76 |
| | 10/11/00 | | 18.07 | 13.54 |
| | 1/18/01 | | 17.89 | 13.72 |
| | 4/5/01 | | 16.21 | 15.40 |
| | 7/17/01 | 16.90 | 14.71 | |
| | 10/5/01 | 28.64 | 17.32 | 11.32 |
| | 1/18/02 | | 15.35 | 13.29 |
| | 4/11/02 | | 15.82 | 12.82 |
| | 7/8/02 | | 16.15 | 12.49 |
| | 10/9/02 | | 16.67 | 11.97 |
| | 1/29/03 | | 16.19 | 12.45 |
| | 4/11/03 | | 16.49 | 12.15 |
| | 7/18/03 | | 16.42 | 12.22 |
| | 10/9/03 | | 16.80 | 11.84 |
| | 1/28/03 | | 15.94 | 12.70 |
| | 4/7/04 | 15.28 | 13.36 | |
| | 7/23/04 | 16.15 | 12.49 | |
| | 10/12/04 | 16.63 | 12.01 | |
| | 1/29/05 | 16.15 | 12.49 | |
| | 4/28/05 | 14.94 | 13.70 | |
| | 7/19/05 | 16.25 | 12.39 | |
| | 10/18/05 | 16.76 | 11.88 | |
| | 1/23/06 | 15.81 | 12.83 | |
| | 4/12/06 | 13.22 | 15.42 | |
| | 7/10/06 | 15.49 | 13.15 | |
| 10/16/06 | 17.46 | 11.18 | | |
| 1/26/07 | 18.02 | 10.62 | | |
| 4/18/07 | 17.75 | 10.89 | | |
| 8/2/07 | 18.38 | 10.26 | | |
| 10/23/07 | 19.61 | 9.03 | | |
| MW-4 | 12/15/98 | 32.53' | 17.59 | 14.94 |
| | 3/4/99 | | 15.88 | 16.65 |
| | 6/17/99 | | 17.14 | 15.39 |
| | 8/27/99 | | 17.65 | 14.88 |
| | 12/9/99 | | 18.28 | 14.25 |
| | 3/7/00 | | 15.41 | 17.12 |
| | 6/7/00 | | 17.09 | 15.44 |
| | 10/11/00 | | 18.33 | 14.20 |
| | 1/18/01 | | 18.23 | 14.30 |
| | 4/5/01 | | 16.69 | 15.84 |
| | 7/17/01 | 17.32 | 15.21 | |
| | 10/5/01 | 29.58 | 17.71 | 11.87 |
| | 1/18/02 | | 15.85 | 13.73 |
| | 4/11/02 | | 16.14 | 13.44 |
| | 7/8/02 | | 16.56 | 13.02 |
| | 10/9/02 | | 17.09 | 12.49 |
| | 1/29/03 | | 16.65 | 12.93 |
| | 4/11/03 | | 16.93 | 12.65 |
| | 7/18/03 | | 16.78 | 12.80 |
| | 10/9/03 | | 17.26 | 12.32 |
| | 1/28/04 | | 16.38 | 13.20 |
| | 4/7/04 | 15.64 | 13.94 | |
| | 7/23/04 | 16.58 | 13.00 | |
| | 10/12/04 | | Inaccessible | |
| | 1/29/05 | 14.90 | 14.68 | |
| | 4/28/05 | 15.18 | 14.40 | |
| | 7/19/05 | 16.48 | 13.10 | |
| | 10/18/05 | 16.99 | 12.59 | |
| | 1/23/06 | 15.09 | 14.49 | |
| | 4/12/06 | 13.49 | 16.09 | |
| | 7/10/06 | 14.99 | 14.59 | |
| 10/16/06 | 17.29 | 12.29 | | |
| 1/26/07 | 18.17 | 11.41 | | |
| 4/18/07 | 18.06 | 11.52 | | |
| 8/2/07 | 18.45 | 11.13 | | |
| 10/23/07 | 18.99 | 10.59 | | |

TABLE ONE
Groundwater Elevation Data
Yes Property
726 Harrison St., Oakland, CA

| Well ID | Date of Measurement | Top of Casing Elevation (Relative to Mean Sea Level) | Depth to Water (feet) | Groundwater Elevation (project data) |
|----------|---------------------|---|--------------------------|---|
| MW-5 | 8/29/01 | 29.06 | 17.42 | 11.64 |
| | 1/18/02 | | 15.68 | 13.38 |
| | 4/11/02 | | 16.17 | 12.89 |
| | 7/8/02 | | 16.51 | 12.55 |
| | 10/9/02 | | 17.10 | 11.96 |
| | 1/29/03 | | 16.58 | 12.48 |
| | 4/11/03 | | 16.87 | 12.19 |
| | 7/18/03 | | 16.77 | 12.29 |
| | 10/9/03 | | 17.21 | 11.85 |
| | 1/28/04 | | 16.34 | 12.72 |
| | 4/7/04 | | 15.38 | 13.68 |
| | 7/23/04 | | 16.55 | 12.51 |
| | 10/12/04 | | 17.02 | 12.04 |
| | 1/29/05 | | 15.23 | 13.83 |
| | 4/28/05 | | 15.41 | 13.65 |
| | 7/19/05 | | 16.79 | 12.27 |
| | 10/18/05 | | 17.28 | 11.78 |
| | 1/23/06 | | 15.28 | 13.78 |
| | 4/12/06 | | 13.66 | 15.40 |
| | 7/10/06 | | 16.14 | 12.92 |
| 10/16/06 | | 19.33 | 9.73 | |
| 1/26/07 | | 18.94 | 10.12 | |
| 4/18/07 | | 18.21 | 10.85 | |
| 8/2/07 | | 19.00 | 10.06 | |
| 10/23/07 | | 19.15 | 9.91 | |

* Top of casing elevation relative to arbitrary project datum

TABLE TWO
Groundwater Elevation Data
Former ARCO Station
706 Harrison St., Oakland, CA

| Well ID | Date of Measurement | Top of Casing Elevation* (Relative to Mean Sea Level) | Depth to Water (feet) | Groundwater Elevation (project data) |
|----------|---------------------|--|-----------------------|--------------------------------------|
| MW-1 | 7/18/03 | 29.15 | 14.50 | 14.65 |
| | 10/19/03 | 26.17 | 13.81 | 12.36 |
| | 1/28/04 | | 13.09 | 13.08 |
| | 4/17/04 | | 14.97 | 11.20 |
| | 7/23/04 | | 14.15 | 12.02 |
| | 10/12/04 | | 16.30 | 9.87 |
| | 4/27/05 | | 13.35 | 12.82 |
| | 7/19/05 | | 14.68 | 11.49 |
| | 10/18/05 | | 15.15 | 11.02 |
| | 1/23/06 | | 13.27 | 12.90 |
| | 4/12/06 | | 12.33 | 13.84 |
| | 7/10/06 | | 14.93 | 11.24 |
| | 10/16/06 | | 16.51 | 9.66 |
| | 1/26/07 | | 16.87 | 9.30 |
| | 4/18/07 | | 16.77 | 9.40 |
| 8/2/07 | | 17.21 | 8.96 | |
| 10/23/07 | | 17.67 | 17.67 | 8.50 |
| MW-2 | 7/18/03 | 30.51 | 16.84 | 13.67 |
| | 10/19/03 | 27.53 | 16.05 | 11.48 |
| | 1/28/04 | | 15.39 | 12.14 |
| | 4/17/04 | | 16.01 | 11.52 |
| | 7/23/04 | | 15.30 | 12.23 |
| | 10/12/04 | | 17.87 | 9.66 |
| | 4/27/05 | | 14.63 | 12.90 |
| | 7/19/05 | | 15.60 | 11.93 |
| | 10/18/05 | | 16.08 | 11.45 |
| | 1/23/06 | | 14.20 | 13.33 |
| | 4/12/06 | | 12.51 | 15.02 |
| | 7/10/06 | | 14.76 | 12.77 |
| | 10/16/06 | | 16.74 | 10.79 |
| | 1/26/07 | | 17.10 | 10.43 |
| | 4/18/07 | | 17.02 | 10.51 |
| 8/2/07 | | 17.47 | 10.06 | |
| 10/23/07 | | 17.94 | 17.94 | 9.59 |
| MW-3 | 7/18/03 | 29.77 | 14.80 | 14.97 |
| | 10/19/03 | 26.79 | 14.13 | 12.66 |
| | 1/28/04 | | 13.47 | 13.32 |
| | 4/17/04 | | 15.41 | 11.38 |
| | 7/23/04 | | 14.54 | 12.25 |
| | 10/12/04 | | 16.58 | 10.21 |
| | 4/27/05 | | 13.68 | 13.11 |
| | 7/19/05 | | 15.15 | 11.64 |
| | 10/18/05 | | 15.60 | 11.19 |
| | 1/23/06 | | 11.94 | 14.85 |
| | 4/12/06 | | 11.94 | 14.85 |
| | 7/10/06 | | 14.48 | 12.31 |
| | 10/16/06 | | 16.19 | 10.60 |
| | 1/26/07 | | 16.56 | 10.23 |
| | 4/18/07 | | 16.45 | 10.34 |
| 8/2/07 | | 16.92 | 9.87 | |
| 10/23/07 | | 17.42 | 17.42 | 9.37 |

TABLE TWO
Groundwater Elevation Data
Former ARCO Station
706 Harrison St., Oakland, CA

| Well ID | Date of Measurement | Top of Casing Elevation* (Relative to Mean Sea Level) | Depth to Water (feet) | Groundwater Elevation (project data) |
|-------------|---------------------|--|--------------------------|---|
| MW-4 | 7/18/03 | 31.18 | 17.08 | 14.10 |
| | 10/19/03 | 28.20 | 16.25 | 11.95 |
| | 1/28/04 | | 15.65 | 12.55 |
| | 4/7/04 | | 16.49 | 11.71 |
| | 7/23/04 | | 15.86 | 12.34 |
| | 10/12/04 | | 18.05 | 10.15 |
| | 4/27/05 | | 14.20 | 14.00 |
| | 7/19/05 | | 16.08 | 12.12 |
| | 10/18/05 | | 16.55 | 11.65 |
| | 1/23/06 | | 14.66 | 13.54 |
| | 4/12/06 | | 12.92 | 15.28 |
| | 7/10/06 | | 15.38 | 12.82 |
| | 10/16/06 | | 17.21 | 10.99 |
| | 1/26/07 | | 17.58 | 10.62 |
| | 4/18/07 | | 17.46 | 10.74 |
| | 8/2/07 | | 17.95 | 10.25 |
| | 10/23/07 | | 18.41 | 9.79 |
| MW-5 | 7/18/03 | 28.04 | 14.28 | 13.76 |
| | 10/19/03 | 25.07 | 13.36 | 11.71 |
| | 1/28/04 | | 12.68 | 12.39 |
| | 4/7/04 | | 14.71 | 10.36 |
| | 7/23/04 | | 13.49 | 11.58 |
| | 10/12/04 | | 15.88 | 9.19 |
| | 4/27/05 | | 13.40 | 11.67 |
| | 7/19/05 | | 14.21 | 10.86 |
| | 10/18/05 | | 14.79 | 10.28 |
| | 1/23/06 | | 13.12 | 11.95 |
| | 4/12/06 | | 11.39 | 13.68 |
| | 7/10/06 | | 14.40 | 10.67 |
| | 10/16/06 | | 15.44 | 9.63 |
| | 1/26/07 | | 15.76 | 9.31 |
| | 4/18/07 | | 15.61 | 9.46 |
| | 8/2/07 | | 16.04 | 9.03 |
| | 10/23/07 | | 16.89 | 8.18 |
| MW-6 | 7/18/03 | 29.10 | 15.47 | 13.63 |
| | 10/19/03 | 26.13 | 14.73 | 11.40 |
| | 1/28/04 | | 14.05 | 12.08 |
| | 4/7/04 | | 14.41 | 11.72 |
| | 7/23/04 | | 15.15 | 10.98 |
| | 10/12/04 | | 17.27 | 8.86 |
| | 4/27/05 | | 14.10 | 12.03 |
| | 7/19/05 | | 15.18 | 10.95 |
| | 10/18/05 | | 15.65 | 10.48 |
| | 1/23/06 | | 14.02 | 12.11 |
| | 4/12/06 | | 12.66 | 13.47 |
| | 7/10/06 | | 14.64 | 11.49 |
| | 10/16/06 | | 16.50 | 9.63 |
| | 1/26/07 | | 16.83 | 9.30 |
| | 4/18/07 | | 16.72 | 9.41 |
| | 8/2/07 | | 17.13 | 9.00 |
| | 10/23/07 | | 17.71 | 8.42 |

TABLE TWO
 Groundwater Elevation Data
 Former ARCO Station
 706 Harrison St., Oakland, CA

| Well ID | Date of Measurement | Top of Casing Elevation* (Relative to Mean Sea Level) | Depth to Water (feet) | Groundwater Elevation (project data) |
|---------|---------------------|--|--------------------------|---|
| MW-7 | 7/18/03 | 26.70 | 15.19 | 14.48 |
| | 10/9/03 | | 14.45 | 12.25 |
| | 1/28/04 | | 13.88 | 12.82 |
| | 4/7/04 | | 15.71 | 10.99 |
| | 7/23/04 | | 14.85 | 11.85 |
| | 10/12/04 | | 16.90 | 9.80 |
| | 4/27/05 | | 13.75 | 12.95 |
| | 7/19/05 | | 14.91 | 11.79 |
| | 10/18/05 | | 15.40 | 11.30 |
| | 1/23/06 | | 13.99 | 12.71 |
| | 4/12/06 | | 12.32 | 14.38 |
| | 7/10/06 | | 14.31 | 12.39 |
| | 10/16/06 | | 16.23 | 10.47 |
| | 1/26/07 | | 16.61 | 10.09 |
| | 4/18/07 | | 16.54 | 10.16 |
| | 8/2/07 | | 16.93 | 9.77 |
| | 10/23/07 | | 17.36 | 9.34 |

TABLE THREE
Summary of Analytical Results for GROUNDWATER Samples
Yee Property
726 Harrison St., Oakland, CA
All results are in parts per billion (ppb)

| Well ID & Dates Sampled | TPH-G | Benzene | Toluene | Ethyl- benzene | Total Xylenes | MTBE |
|-------------------------------|-----------|---------|---------|-------------------|------------------|--------------------|
| MW-1 | | | | | | |
| 7/3/97 | 18,000 | 2,700 | 350 | 450 | 900 | 7,400 |
| 12/5/98 | 18,000 | 1,500 | 270 | 260 | 560 | 14,000 |
| 3/4/99 | 44,000 | 2,800 | 400 | 440 | 960 | 43,000 |
| 6/17/99 | 33,000 | 2,200 | 250 | 460 | 660 | 25,000 |
| 8/27/99 | 6,000 | 1,000 | 97 | 190 | 230 | 14,000/ 16,000* |
| 12/9/99 | 15,000 | 1,500 | 160 | 220 | 420 | 17,000 |
| 3/7/00 | 9,300 | 1,500 | 210 | 66 | 530 | 12,000 |
| 6/7/00 | 26,000** | 1,700 | < 250 | 360 | 580 | 30,000 |
| 10/11/00 | 13,000** | 1,600 | < 100 | 140 | 160 | 19,000 |
| 1/18/01 | 14,000** | 450 | < 100 | 110 | 230 | 9,600 |
| 4/5/01 | 38,000 | 2,200 | 180 | 290 | 590 | 35,000 |
| 7/17/01 | 35,000** | 1,800 | < 100 | 300 | 170 | 35,000 |
| 10/5/01 | 17,000 | 1,500 | 210 | 420 | 790 | 27,000 |
| 1/18/02 | 18,000 | 1,500 | 120 | 160 | 220 | 22,000 |
| 4/11/02 | 41,000 | 2,700 | 210 | 340 | 380 | 30,000 |
| 7/8/02 | 36,000 | 2,800 | 140 | 360 | 300 | 31,000 |
| 10/9/02 | 30,000 | 1,700 | 310 | < 100 | < 100 | 19,000 |
| 1/29/03 | 26,000 | 2,400 | < 100 | 310 | 520 | 20,000 |
| 4/11/03 | 22,000 | 1,700 | < 100 | 270 | 580 | 16,000 |
| 7/18/03 | 40,000 | 3,200 | 290 | 480 | 830 | 39,000 |
| 10/9/03 | 54,000** | 3,300 | < 130 | 350 | 310 | 49,000 |
| 1/28/04 | 26,000*** | 3,000 | 310 | 420 | 800 | 31,000 |
| 4/7/04 | 33,000*** | 2,800 | 130 | 310 | 310 | 39,000 |
| 7/23/04 | 56,000*** | 4,500 | < 250 | 390 | < 500 | 53,000 |
| 10/12/04 | 25,000*** | 1,400 | < 250 | < 250 | < 500 | 25,000 |
| 1/29/05 | 24,000 | 1,600 | < 100 | 160 | < 200 | 19,000 |
| 4/28/05 | < 10,000 | 2,000 | < 100 | 160 | 100 | 34,000 |
| 7/19/05 | 37,000 | 2,100 | 83 | 210 | 230 | 28,000 |
| 10/18/05 | 37,000 | 1,300 | < 250 | < 250 | < 250 | 23,000 |
| 1/24/06 | 23,000 | 780 | < 100 | 160 | 260 | 11,000 |
| 4/12/06 | 11,000 | 1,500 | 87 | 360 | 670 | 17,000 |
| 7/10/06 | 72,000 | 4,700 | < 250 | 350 | < 500 | 66,000 |
| 10/16/06 | 26,000 | 1,600 | < 250 | 330 | < 500 | 22,000 |
| 1/26/07 | 7,200 | 1,500 | < 70 | 140 | 96 | 34,000 |
| 4/18/07 | 5,400 | 1,100 | < 50 | 200 | 120 | 21,000 |
| 8/2/07 | 6,600 | 1,500 | 64 | 240 | 190 | 32,000 |
| 10/23/07 | 5,900 | 1,300 | 52 | 200 | 180 | 28,000 |

TABLE THREE
Summary of Analytical Results for GROUNDWATER Samples
Yee Property
726 Harrison St., Oakland, CA
All results are in parts per billion (ppb)

| Well ID & Dates Sampled | TPH-G | Benzene | Toluene | Ethyl- benzene | Total Xylenes | MTBE |
|-------------------------------|--|---------|---------|-------------------|------------------|-------|
| MW-2 | | | | | | |
| 12/5/98 | < 50 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 5.0 |
| 3/4/99 | Inaccessible due to car parked over well | | | | | |
| 6/17/99 | < 50 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 5.0 |
| 8/27/99 | Inaccessible due to car parked over well | | | | | |
| 12/9/99 | Inaccessible due to car parked over well | | | | | |
| 3/7/00 | Inaccessible due to car parked over well | | | | | |
| 6/7/00 | < 50 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 5.0 |
| 10/11/00 | < 50 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 5.0 |
| 1/18/01 | < 50 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 5.0 |
| 4/5/01 | < 50 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 5.0 |
| 7/17/01 | No longer sampled | | | | | |
| 7/10/06 | < 50 | < 0.50 | < 0.50 | < 0.50 | < 1.0 | 4.5 |
| 10/16/07 | < 50 | < 0.50 | < 0.50 | < 0.50 | < 1.0 | < 0.5 |
| 1/26/07 | < 50 | 0.55 | 1.0 | < 0.50 | 1.4 | 0.97 |
| 4/18/07 | < 50 | 1.5 | 2.6 | 0.93 | 3.2 | 0.64 |
| 8/2/07 | < 50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | 2.2 |
| 10/23/07 | Inaccessible - Not Sampled | | | | | |

TABLE THREE
Summary of Analytical Results for GROUNDWATER Samples
Yee Property
726 Harrison St., Oakland, CA
All results are in parts per billion (ppb)

| Well ID & Dates Sampled | TPH-G | Benzene | Toluene | Ethyl- benzene | Total Xylenes | MTBE |
|-------------------------------|----------|---------|---------|-------------------|------------------|------------------|
| MW-3 | | | | | | |
| 12/5/98 | 6,500 | < 50 | 50 | 60 | 502 | 3,900 |
| 3/4/99 | 2,800 | < 25 | < 25 | < 25 | < 25 | 1,600 |
| 6/17/99 | 1,000 | < 10 | < 10 | < 10 | < 10 | 1,400 |
| 8/27/99 | 230 | < 0.5 | 0.51 | 0.5 | 1 | 1,500/ 1,600* |
| 12/9/99 | 870** | < 0.5 | < 0.5 | < 0.5 | < 0.5 | 2,100 |
| 3/7/00 | 150** | 4 | < 0.5 | < 0.5 | < 0.5 | 830 |
| 6/7/00 | 140** | < 0.5 | < 0.5 | < 0.5 | < 0.5 | 1,100 |
| 10/11/00 | 620** | < 5.0 | < 5.0 | < 5.0 | < 5.0 | 1,500 |
| 1/18/01 | 1,200** | < 5.0 | < 5.0 | < 5.0 | < 5.0 | 1,000 |
| 4/5/01 | 1,700** | < 5.0 | < 5.0 | < 5.0 | < 5.0 | 1,900 |
| 7/17/01 | 1,400** | < 10 | < 10 | < 10 | < 10 | 1,700 |
| 10/5/01 | < 1,000 | < 10 | < 10 | < 10 | < 10 | 1,700 |
| 1/18/02 | 1,600 | 26 | 20 | 16 | 54 | 2,100 |
| 4/11/02 | 2,600 | 21 | 16 | < 10 | 21 | 2,300 |
| 7/8/02 | 2,800 | < 10 | < 10 | < 10 | < 10 | 3,800 |
| 10/9/02 | 6,000 | < 50 | < 50 | < 50 | < 50 | 4,900 |
| 1/29/03 | 1,800 | < 10 | < 10 | < 10 | < 10 | 2,300 |
| 4/11/03 | 2,900 | < 25 | < 25 | < 25 | < 25 | 3,100 |
| 7/18/03 | 3,400 | < 10 | < 10 | < 10 | < 10 | 3,200 |
| 10/9/03 | 2,300 | < 10 | < 10 | < 10 | < 10 | 2,700 |
| 1/28/03 | 1,700** | < 10 | < 10 | < 10 | < 10 | 2,900 |
| 4/7/04 | 2,700** | < 10 | < 10 | < 10 | < 20 | 3,600 |
| 7/23/04 | 4,200** | < 25 | < 25 | < 25 | < 50 | 4,900 |
| 10/12/04 | 5,000** | < 50 | < 50 | < 50 | < 100 | 5,900 |
| 1/29/05 | < 1,000 | < 10 | < 10 | < 10 | < 20 | 3,100 |
| 4/28/05 | < 200 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | 1,300 |
| 7/19/05 | 4,400 | < 20 | < 20 | < 20 | < 40 | 3,000 |
| 10/18/05 | 18,000 | < 50 | < 50 | < 50 | < 50 | 6,800 |
| 1/24/06 | 17,000 | < 100 | < 100 | < 100 | < 200 | 7,000 |
| 4/12/06 | < 200 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | 7,800 |
| 7/10/06 | 11,000 | < 100 | < 100 | < 100 | < 200 | 12,000 |
| 10/16/06 | < 10,000 | < 100 | < 100 | < 100 | < 100 | 17,000 |
| 1/26/07 | < 200 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | 4,000 |
| 4/18/07 | < 900 | < 9.0 | < 9.0 | < 9.0 | < 9.0 | 11,000 |
| 8/2/07 | 110 | < 0.80 | < 0.80 | < 0.80 | 2.0 | 410 |
| 10/23/07 | < 80 | < 0.80 | < 0.80 | < 0.80 | < 0.80 | 480 |

TABLE THREE
Summary of Analytical Results for GROUNDWATER Samples
Yee Property
726 Harrison St., Oakland, CA
All results are in parts per billion (ppb)

| Well ID & Dates Sampled | TPH-G | Benzene | Toluene | Ethyl- benzene | Total Xylenes | MTBE |
|-------------------------------|--|---------|---------|-------------------|------------------|------------------|
| MW-4 | | | | | | |
| 12/5/98 | 880 | 3 | < 0.5 | < 0.5 | < 0.5 | 950 |
| 3/4/99 | 3,800 | < 25 | < 25 | < 25 | < 25 | 3,700 |
| 6/17/99 | 2,700 | < 25 | < 25 | < 25 | < 25 | 2,700 |
| 8/27/99 | 440 | 4.7 | 1.1 | 0.58 | 1.3 | 1,600/ 1,700* |
| 12/9/99 | 1,100** | < 2.5 | < 2.5 | < 2.5 | < 2.5 | 1,700 |
| 3/7/00 | < 250 | < 2.5 | < 2.5 | < 2.5 | < 2.5 | 1,700 |
| 6/7/00 | 530** | 8.8 | < 2.5 | < 2.5 | < 2.5 | 440 |
| 10/11/00 | 700** | 3.9 | < 2.5 | < 2.5 | < 2.5 | 680 |
| 1/18/01 | 2,000** | < 2.5 | < 2.5 | < 2.5 | < 2.5 | 780 |
| 4/5/01 | 810** | < 2.5 | < 2.5 | < 2.5 | < 2.5 | 620 |
| 7/17/01 | 880** | < 2.5 | < 2.5 | < 2.5 | < 2.5 | 570 |
| 10/5/01 | 550** | < 2.5 | < 2.5 | < 2.5 | < 2.5 | 710 |
| 1/18/02 | 960** | < 5.0 | < 5.0 | < 5.0 | < 5.0 | 1,300 |
| 4/11/02 | 1,100** | < 5.0 | < 5.0 | < 5.0 | < 5.0 | 550 |
| 7/8/02 | 1,200** | < 5.0 | < 5.0 | < 5.0 | < 5.0 | 890 |
| 10/9/02 | 1,300** | < 5.0 | < 5.0 | < 5.0 | < 5.0 | 880 |
| 1/29/03 | 530** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 190 |
| 4/11/03 | 690** | < 2.5 | < 2.5 | < 2.5 | < 2.5 | 310 |
| 7/18/03 | 1,600** | < 10 | < 10 | < 10 | < 10 | 1,300 |
| 10/9/03 | 1500*** | < 10 | < 10 | < 10 | < 10 | 1,400 |
| 1/28/04 | 1,200** | < 10 | < 10 | < 10 | < 10 | 1,900 |
| 4/7/04 | 1,900** | < 10 | < 10 | < 10 | < 20 | 2,200 |
| 7/23/04 | 1,800** | < 10 | < 10 | < 10 | < 20 | 1,600 |
| 10/12/04 | Inaccessible due to car parked over well | | | | | |
| 1/29/05 | < 1,300 | < 13 | < 13 | < 13 | < 25 | 3,900 |
| 4/28/05 | 510 | < 1.5 | < 1.5 | < 1.5 | < 1.5 | 510 |
| 7/19/05 | 5,400 | < 50 | < 50 | < 50 | < 100 | 2,700 |
| 10/18/05 | 10,000 | < 50 | < 50 | < 50 | < 50 | 9,000 |
| 1/24/06 | 10,000 | < 100 | < 100 | < 100 | < 200 | 8,300 |
| 4/12/06 | 1,900 | < 10 | < 10 | < 10 | < 20 | 2,200 |
| 7/10/06 | 750 | 5.4 | < 5.0 | < 5.0 | < 10 | 790 |
| 10/16/06 | 2,400 | < 10 | < 10 | < 10 | < 10 | 2,200 |
| 1/26/07 | 250 | < 1.5 | < 1.5 | < 1.5 | < 1.5 | 7,000 |
| 4/18/07 | < 400 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | 2,300 |
| 8/2/07 | 400 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | 4,500 |
| 10/23/07 | < 500 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | 3,400 |

TABLE THREE
Summary of Analytical Results for GROUNDWATER Samples
Yee Property
726 Harrison St., Oakland, CA
All results are in parts per billion (ppb)

| Well ID & Dates Sampled | TPH-G | Benzene | Toluene | Ethyl- benzene | Total Xylenes | MTBE |
|-------------------------------|---------------|--------------|-------------------|-------------------|------------------|---------------|
| MW-5 | | | | | | |
| 8/29/01 | 14,000 | 1,300 | 470 | 230 | 800 | 14,000 |
| 1/18/02 | 24,000 | 3,200 | 1,300 | 390 | 1,500 | 5,700 |
| 4/11/02 | 23,000 | 2,700 | 980 | 38 | 950 | 4,300 |
| 7/8/02 | 19,000 | 3,300 | 25 | 360 | 1,100 | 2,100 |
| 10/9/02 | 24,000 | 2,800 | 990 | 360 | 820 | 2,400 |
| 1/29/03 | 17,000 | 2,100 | 1,400 | 380 | 1,400 | < 250 |
| 4/11/03 | 26,000 | 2,900 | 2,200 | 590 | 2,200 | 630 |
| 7/18/03 | 26,000 | 3,500 | 1,700 | 480 | 1,300 | 1,300 |
| 10/9/03 | 27,000 | 3,800 | 1,900 | 510 | 1,700 | 1,200 |
| 1/28/04 | 29,000 | 4,800 | 2,900 | 770 | 2,300 | 3,300 |
| 4/7/04 | 23,000 | 4,400 | 2,700 | 720 | 2,200 | 1,700 |
| 7/23/04 | 29,000 | 5,200 | 2,200 | 810 | 1,400 | 2,200 |
| 10/12/04 | 26,000 | 4,300 | 2,000 | 670 | 1,300 | 2,200 |
| 7/18/03 | 8,200 | 650 | 77 | 99 | 140 | 4,300 |
| 10/9/03 | 5,700** | 500 | 28 | 53 | 35 | 3,600 |
| 1/28/04 | 17,000*** | 1,600 | 90 | 250 | 280 | 9,700 |
| 4/7/04 | | | No longer sampled | | | |
| 1/24/06 | 21,000 | 1,800 | 1,200 | 270 | 820 | 13,000 |
| 7/10/06 | 45,000 | 3,700 | 2,600 | 650 | 1,800 | 23,000 |
| 10/16/06 | 66,000 | 4,200 | 3,300 | 800 | 2,100 | 35,000 |
| 1/26/07 | 30,000 | 3,200 | 2,600 | 610 | 2,400 | 38,000 |
| 4/18/07 | 30,000 | 4,300 | 3,300 | 800 | 2,600 | 27,000 |
| 8/2/07 | 26,000 | 3,700 | 2,800 | 690 | 1,900 | 32,000 |
| 10/23/07 | 34,000 | 4,400 | 3,700 | 860 | 3,200 | 34,000 |
| ESL | 100 | 1 | 40 | 30 | 20 | 5 |

Notes:

* EPA Method 8020/EPA Method 8260 (MTBE confirmation)

** Hydrocarbon reported in the gasoline range does not match the laboratory gasoline standard

*** Sample contains a discrete peak in addition to gasoline

ESL = Environmental screening levels presented in the "Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater (November 2007)" document prepared by the California Regional Water Quality Control Board, San Francisco Bay Region.

Most current data is in **Bold**

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



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APPENDIX A

Well Sampling Field Logs

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME _____

JOB NUMBER _____ DATE OF SAMPLING _____

WELL ID. _____ SAMPLER _____

TOTAL DEPTH OF WELL _____ WELL DIAMETER _____

DEPTH TO WATER PRIOR TO PURGING 18.15

PRODUCT THICKNESS _____

DEPTH OF WELL CASING IN WATER 8.4

NUMBER OF GALLONS PER WELL CASING VOLUME 1.4

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 13

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING _____

EQUIPMENT USED TO PURGE WELL _____

TIME EVACUATION STARTED _____ TIME EVACUATION COMPLETED _____

TIME SAMPLES WERE COLLECTED _____

DID WELL GO DRY _____ AFTER HOW MANY GALLONS _____

VOLUME OF GROUNDWATER PURGED _____

SAMPLING DEVICE _____

SAMPLE COLOR _____ ODOR/SEDIMENT _____

CHEMICAL DATA

| VOLUME PURGED | TEMPERATURE | PH | CONDUCTIVITY |
|---------------|-------------|-----|--------------|
| 1 | 63.4 | 7.0 | 220 |
| 2 | 63.4 | 7.0 | 220 |
| 3 | 63.4 | 7.0 | 220 |

SAMPLES COLLECTED

| SAMPLE | # OF CONTAINERS | SIZE AND TYPE OF CONTAINER | ANALYSIS | PRESERVED |
|--------|-----------------|----------------------------|----------|-----------|
| | 1 | 1.5L | | |
| | | | | |
| | | | | |

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME Y22

JOB NUMBER 2002 DATE OF SAMPLING 11/20/01

WELL ID. 11-03 SAMPLER 1

TOTAL DEPTH OF WELL 27.7' WELL DIAMETER 4"

DEPTH TO WATER PRIOR TO PURGING 17.2'

PRODUCT THICKNESS 0'

DEPTH OF WELL CASING IN WATER 0'

NUMBER OF GALLONS PER WELL CASING VOLUME 16

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 4.9'

EQUIPMENT USED TO PURGE WELL 100' 2"

TIME EVACUATION STARTED 6:30 TIME EVACUATION COMPLETED 7:00

TIME SAMPLES WERE COLLECTED 7:00

DID WELL GO DRY NO AFTER HOW MANY GALLONS 16

VOLUME OF GROUNDWATER PURGED 4.9'

SAMPLING DEVICE 100' 2"

SAMPLE COLOR 0.5 ODOR/SEDIMENT 0.5

CHEMICAL DATA

| VOLUME PURGED | TEMPERATURE | PH | CONDUCTIVITY |
|---------------|-------------|-----|--------------|
| | | 6.7 | 150 |
| | | 6.7 | 150 |
| | | 6.7 | 150 |

SAMPLES COLLECTED

| SAMPLE | # OF CONTAINERS | SIZE AND TYPE OF CONTAINER | ANALYSIS | PRESERVED |
|--------|-----------------|----------------------------|----------|-----------|
| | | | | |
| | | | | |
| | | | | |

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME

JOB NUMBER DATE OF SAMPLING

WELL ID. SAMPLER

TOTAL DEPTH OF WELL WELL DIAMETER

DEPTH TO WATER PRIOR TO PURGING 18.00

PRODUCT THICKNESS

DEPTH OF WELL CASING IN WATER

NUMBER OF GALLONS PER WELL CASING VOLUME

NUMBER OF WELL CASING VOLUMES TO BE REMOVED

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 0.5

EQUIPMENT USED TO PURGE WELL

TIME EVACUATION STARTED TIME EVACUATION COMPLETED

TIME SAMPLES WERE COLLECTED 9:45

DID WELL GO DRY AFTER HOW MANY GALLONS

VOLUME OF GROUNDWATER PURGED

SAMPLING DEVICE

SAMPLE COLOR ODOR/SEDIMENT

CHEMICAL DATA

| VOLUME PURGED | TEMPERATURE | PH | CONDUCTIVITY |
|---------------|-------------|----|--------------|
| | | | |
| | | | |
| | | | |

SAMPLES COLLECTED

| SAMPLE | # OF CONTAINERS | SIZE AND TYPE OF CONTAINER | ANALYSIS | PRESERVED |
|--------|-----------------|----------------------------|----------|-----------|
| | | | | |
| | | | | |
| | | | | |

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME Y...

JOB NUMBER ... DATE OF SAMPLING ...

WELL ID. ... SAMPLER ...

TOTAL DEPTH OF WELL ... WELL DIAMETER ...

DEPTH TO WATER PRIOR TO PURGING ...

PRODUCT THICKNESS ...

DEPTH OF WELL CASING IN WATER ...

NUMBER OF GALLONS PER WELL CASING VOLUME 1.6

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING ...

EQUIPMENT USED TO PURGE WELL ...

TIME EVACUATION STARTED ... TIME EVACUATION COMPLETED ...

TIME SAMPLES WERE COLLECTED ...

DID WELL GO DRY ... AFTER HOW MANY GALLONS ...

VOLUME OF GROUNDWATER PURGED ...

SAMPLING DEVICE ...

SAMPLE COLOR ... ODOR/SEDIMENT ...

CHEMICAL DATA

| VOLUME PURGED | TEMPERATURE | PH | CONDUCTIVITY |
|---------------|-------------|-----|--------------|
| ... | ... | ... | ... |
| ... | ... | ... | ... |
| ... | ... | ... | ... |

SAMPLES COLLECTED

| SAMPLE | # OF CONTAINERS | SIZE AND TYPE OF CONTAINER | ANALYSIS | PRESERVED |
|--------|-----------------|----------------------------|----------|-----------|
| ... | ... | ... | ... | ... |
| ... | ... | ... | ... | ... |
| ... | ... | ... | ... | ... |



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APPENDIX B

Certified Analytical Report
and
Chain of Custody Documentation



Report Number : 59239

Date : 10/31/2007

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

Subject : 4 Water Samples
Project Name : Yee Property
Project Number : 3412

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,

A handwritten signature in black ink, appearing to read "Joel Kiff".

Joel Kiff

Project Name : **Yee Property**

Project Number : **3412**

Sample : **MW-1**

Matrix : Water

Lab Number : 59239-01

Sample Date :10/23/2007

| Parameter | Measured Value | Method Reporting Limit | Units | Analysis Method | Date Analyzed |
|------------------------------------|----------------|------------------------|------------|-----------------|---------------|
| Benzene | 1300 | 50 | ug/L | EPA 8260B | 10/26/2007 |
| Toluene | 52 | 50 | ug/L | EPA 8260B | 10/26/2007 |
| Ethylbenzene | 200 | 50 | ug/L | EPA 8260B | 10/26/2007 |
| Total Xylenes | 180 | 50 | ug/L | EPA 8260B | 10/26/2007 |
| Methyl-t-butyl ether (MTBE) | 28000 | 50 | ug/L | EPA 8260B | 10/26/2007 |
| TPH as Gasoline | 5900 | 5000 | ug/L | EPA 8260B | 10/26/2007 |
| Toluene - d8 (Surr) | 99.3 | | % Recovery | EPA 8260B | 10/26/2007 |
| 4-Bromofluorobenzene (Surr) | 95.8 | | % Recovery | EPA 8260B | 10/26/2007 |

Sample : **MW-3**

Matrix : Water

Lab Number : 59239-02

Sample Date :10/23/2007

| Parameter | Measured Value | Method Reporting Limit | Units | Analysis Method | Date Analyzed |
|------------------------------------|------------------|------------------------|------------|-----------------|---------------|
| Benzene | < 0.80 | 0.80 | ug/L | EPA 8260B | 10/26/2007 |
| Toluene | < 0.80 | 0.80 | ug/L | EPA 8260B | 10/26/2007 |
| Ethylbenzene | < 0.80 | 0.80 | ug/L | EPA 8260B | 10/26/2007 |
| Total Xylenes | < 0.80 | 0.80 | ug/L | EPA 8260B | 10/26/2007 |
| Methyl-t-butyl ether (MTBE) | 480 | 0.80 | ug/L | EPA 8260B | 10/26/2007 |
| TPH as Gasoline | < 80 | 80 | ug/L | EPA 8260B | 10/26/2007 |
| Toluene - d8 (Surr) | 100 | | % Recovery | EPA 8260B | 10/26/2007 |
| 4-Bromofluorobenzene (Surr) | 97.0 | | % Recovery | EPA 8260B | 10/26/2007 |

Approved By:

Joel Kiff



Project Name : **Yee Property**

Project Number : **3412**

Sample : **MW-4**

Matrix : Water

Lab Number : 59239-03

Sample Date :10/23/2007

| Parameter | Measured Value | Method Reporting Limit | Units | Analysis Method | Date Analyzed |
|------------------------------------|----------------|------------------------|------------|-----------------|---------------|
| Benzene | < 5.0 | 5.0 | ug/L | EPA 8260B | 10/26/2007 |
| Toluene | < 5.0 | 5.0 | ug/L | EPA 8260B | 10/26/2007 |
| Ethylbenzene | < 5.0 | 5.0 | ug/L | EPA 8260B | 10/26/2007 |
| Total Xylenes | < 5.0 | 5.0 | ug/L | EPA 8260B | 10/26/2007 |
| Methyl-t-butyl ether (MTBE) | 3400 | 5.0 | ug/L | EPA 8260B | 10/26/2007 |
| TPH as Gasoline | < 500 | 500 | ug/L | EPA 8260B | 10/26/2007 |
| Toluene - d8 (Surr) | 98.2 | | % Recovery | EPA 8260B | 10/26/2007 |
| 4-Bromofluorobenzene (Surr) | 97.0 | | % Recovery | EPA 8260B | 10/26/2007 |

Sample : **MW-5**

Matrix : Water

Lab Number : 59239-04

Sample Date :10/23/2007

| Parameter | Measured Value | Method Reporting Limit | Units | Analysis Method | Date Analyzed |
|------------------------------------|----------------|------------------------|------------|-----------------|---------------|
| Benzene | 4400 | 90 | ug/L | EPA 8260B | 10/26/2007 |
| Toluene | 3700 | 90 | ug/L | EPA 8260B | 10/26/2007 |
| Ethylbenzene | 860 | 90 | ug/L | EPA 8260B | 10/26/2007 |
| Total Xylenes | 3200 | 90 | ug/L | EPA 8260B | 10/26/2007 |
| Methyl-t-butyl ether (MTBE) | 34000 | 90 | ug/L | EPA 8260B | 10/26/2007 |
| TPH as Gasoline | 34000 | 9000 | ug/L | EPA 8260B | 10/26/2007 |
| Toluene - d8 (Surr) | 99.8 | | % Recovery | EPA 8260B | 10/26/2007 |
| 4-Bromofluorobenzene (Surr) | 97.8 | | % Recovery | EPA 8260B | 10/26/2007 |

Approved By:

Joel Kiff



Report Number : 59239

Date : 10/31/2007

QC Report : Method Blank Data

Project Name : **Yee Property**

Project Number : **3412**

| Parameter | Measured Value | Method Reporting Limit | Units | Analysis Method | Date Analyzed |
|-----------------------------|----------------|------------------------|-------|-----------------|---------------|
| Benzene | < 0.50 | 0.50 | ug/L | EPA 8260B | 10/25/2007 |
| Toluene | < 0.50 | 0.50 | ug/L | EPA 8260B | 10/25/2007 |
| Ethylbenzene | < 0.50 | 0.50 | ug/L | EPA 8260B | 10/25/2007 |
| Total Xylenes | < 0.50 | 0.50 | ug/L | EPA 8260B | 10/25/2007 |
| Methyl-t-butyl ether (MTBE) | < 0.50 | 0.50 | ug/L | EPA 8260B | 10/25/2007 |
| TPH as Gasoline | < 50 | 50 | ug/L | EPA 8260B | 10/25/2007 |
| Toluene - d8 (Surr) | 101 | | % | EPA 8260B | 10/25/2007 |
| 4-Bromofluorobenzene (Surr) | 97.8 | | % | EPA 8260B | 10/25/2007 |
| | | | | | |
| Benzene | < 0.50 | 0.50 | ug/L | EPA 8260B | 10/26/2007 |
| Toluene | < 0.50 | 0.50 | ug/L | EPA 8260B | 10/26/2007 |
| Ethylbenzene | < 0.50 | 0.50 | ug/L | EPA 8260B | 10/26/2007 |
| Total Xylenes | < 0.50 | 0.50 | ug/L | EPA 8260B | 10/26/2007 |
| Methyl-t-butyl ether (MTBE) | < 0.50 | 0.50 | ug/L | EPA 8260B | 10/26/2007 |
| TPH as Gasoline | < 50 | 50 | ug/L | EPA 8260B | 10/26/2007 |
| Toluene - d8 (Surr) | 100 | | % | EPA 8260B | 10/26/2007 |
| 4-Bromofluorobenzene (Surr) | 103 | | % | EPA 8260B | 10/26/2007 |

| 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

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **Yee Property**Project Number : **3412**

| 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 | 59213-01 | <0.50 | 39.6 | 39.5 | 36.0 | 35.4 | ug/L | EPA 8260B | 10/25/07 | 90.8 | 89.7 | 1.26 | 70-130 | 25 |
| Toluene | 59213-01 | <0.50 | 39.6 | 39.5 | 36.5 | 36.3 | ug/L | EPA 8260B | 10/25/07 | 92.1 | 91.7 | 0.415 | 70-130 | 25 |
| Tert-Butanol | 59213-01 | <5.0 | 198 | 198 | 156 | 153 | ug/L | EPA 8260B | 10/25/07 | 78.8 | 77.4 | 1.76 | 70-130 | 25 |
| Methyl-t-Butyl Ether | 59213-01 | 110 | 39.6 | 39.5 | 139 | 142 | ug/L | EPA 8260B | 10/25/07 | 80.8 | 88.9 | 9.57 | 70-130 | 25 |
| Benzene | 59237-06 | <0.50 | 40.0 | 40.0 | 40.0 | 39.8 | ug/L | EPA 8260B | 10/26/07 | 99.9 | 99.6 | 0.284 | 70-130 | 25 |
| Toluene | 59237-06 | <0.50 | 40.0 | 40.0 | 40.3 | 40.1 | ug/L | EPA 8260B | 10/26/07 | 101 | 100 | 0.328 | 70-130 | 25 |
| Tert-Butanol | 59237-06 | 1800 | 200 | 200 | 2000 | 1990 | ug/L | EPA 8260B | 10/26/07 | 100 | 95.3 | 5.17 | 70-130 | 25 |
| Methyl-t-Butyl Ether | 59237-06 | 4.9 | 40.0 | 40.0 | 42.2 | 42.0 | ug/L | EPA 8260B | 10/26/07 | 93.2 | 92.8 | 0.437 | 70-130 | 25 |

Approved By:  Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 59239

Date : 10/31/2007

QC Report : Laboratory Control Sample (LCS)

Project Name : **Yee Property**

Project Number : **3412**

| Parameter | Spike Level | Units | Analysis Method | Date Analyzed | LCS Percent Recov. | LCS Percent Recov. Limit |
|----------------------|-------------|-------|-----------------|---------------|--------------------|--------------------------|
| Benzene | 40.0 | ug/L | EPA 8260B | 10/25/07 | 90.1 | 70-130 |
| Toluene | 40.0 | ug/L | EPA 8260B | 10/25/07 | 88.8 | 70-130 |
| Tert-Butanol | 200 | ug/L | EPA 8260B | 10/25/07 | 91.8 | 70-130 |
| Methyl-t-Butyl Ether | 40.0 | ug/L | EPA 8260B | 10/25/07 | 93.7 | 70-130 |
| Benzene | 40.0 | ug/L | EPA 8260B | 10/26/07 | 100 | 70-130 |
| Toluene | 40.0 | ug/L | EPA 8260B | 10/26/07 | 100 | 70-130 |
| Tert-Butanol | 200 | ug/L | EPA 8260B | 10/26/07 | 95.5 | 70-130 |
| Methyl-t-Butyl Ether | 40.0 | ug/L | EPA 8260B | 10/26/07 | 95.1 | 70-130 |

KIFF ANALYTICAL, LLC

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

Approved By:


Joel Kiff

59239

Aqua Science Engineers, Inc.
208 W. El Pintado Road
Danville, CA 94526
(925) 820-9391
FAX (925) 537-4853

Chain of Custody

SAMPLER (SIGNATURE)

Robert E. Kitay

PROJECT NAME

Yee Property

PAGE 1 OF 1

ADDRESS

726 Harrison Street, Oakland, CA

JOB NO. 3412

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS

| SAMPLE ID. | DATE | TIME | MATRIX | QUANTITY | TPH-GAS / WATER & STEAM (EPA 5050/8015/8020) <i>7/12/86</i> | TPH-DIESEL (EPA 3510/8015) | TPH-DIESEL & MOTOR OIL (EPA 3510/8015) | VOLATILE ORGANICS (EPA 624/8240/8260) | SEMI-VOLATILE ORGANICS (EPA 625/8270) | OIL & GREASE (EPA 5520) | LEAD METALS (S) (EPA 6010-700) | Cadmium METALS (EPA 6010-7000) | PCBs & PESTICIDES (EPA 608/8080) | ORGANOPHOSPHORUS PESTICIDES (EPA 8140 EPA 608/8080) | FUEL OXYGENATES (EPA 8260) | Pb (TOTAL or DISSOLVED) (EPA 6010) | PURGEABLE HALO-CARBONS (EPA 501/5010) | MULTI-RANGE HYDROCARBONS | SULFONATE CLEANUP | MOLD | EDF | |
|------------|----------|------|--------|----------|---|-------------------------------|---|--|--|----------------------------|-----------------------------------|-----------------------------------|-------------------------------------|---|-------------------------------|---------------------------------------|--|-----------------------------|----------------------|------|-----|---|
| | | | | | | | | | | | | | | | | | | | | | | |
| MW-1 | 10-23-07 | 8:05 | W | 5 | X | | | | | | | | | | | | | | | | | |
| MW-3 | ↓ | 7:00 | ↓ | ↓ | X | | | | | | | | | | | | | | | | | X |
| MW-4 | ↓ | 9:45 | ↓ | ↓ | X | | | | | | | | | | | | | | | | | X |
| MW-5 | ↓ | 8:55 | ↓ | ↓ | X | | | | | | | | | | | | | | | | | X |

SAMPLE RECEIPT

Temp °C 24 Therm. ID# 1A-5
Initial RLM Date 102507
Time 1400 Coolant present: Yes No

RELINQUISHED BY:
Robert E. Kitay
(signature) (time)
Mr. Russor 10-25-07
Robert E. Kitay
(printed name) (date)
Company: A-E, INC.

RECEIVED BY:
[Signature]
(signature) (time)
[Signature]
(signature) (time)
Robert E. Kitay
(printed name) (date)
Company:

RELINQUISHED BY:
[Signature]
(signature) (time)
[Signature]
(signature) (time)
Robert E. Kitay
(printed name) (date)
Company:

RECEIVED BY LABORATORY:
Ron McGee 1138
(signature) (time)
Ron McGee 102507
(printed name) (date)
Company: Kiff Analytical

COMMENTS:

TURN AROUND TIME
STANDARD 24hr 48hr 72hr
OTHER: 24hr