

Jennifer C. Sedlachek
Project Manager

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Oakland, California 94611
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RECEIVED

By loprojectop at 10:59 am, Apr 11, 2006

ExxonMobil
Refining & Supply

March 31, 2006

Mr. Amir Gholami
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Room 250
Alameda, California 94502-6577

RE: Former Exxon RAS #7-3006/720 High Street, Oakland, California.

Dear Mr. Gholami:

Attached for your review and comment is a copy of the letter report entitled *Groundwater Monitoring Report, First Quarter 2006*, dated March 31, 2006, for the above-referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Petaluma, California, and details groundwater monitoring, sampling, and remedial activities for the subject site.

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

If you have any questions or comments, please contact me at 510.547.8196.

Sincerely,

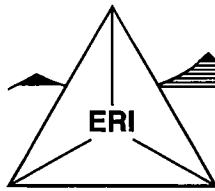


JCS
Jennifer C. Sedlachek
Project Manager

Attachment: ERI's Groundwater Monitoring Report, First Quarter 2006, dated March 31, 2006.

cc: w/ attachment
Mr. Chuck Headlee, California Regional Water Quality Control Board, San Francisco Bay Region
Mr. Mansour Sepehr, Ph. D., P.E., SOMA Environmental Engineering, Incorporated

w/o attachment
Ms. Paula Sime, Environmental Resolutions, Inc.



RECEIVED

By Ioprojectop at 11:00 am, Apr 11, 2006

ENVIRONMENTAL RESOLUTIONS, INC.

March 31, 2006
ERI 201013.Q061

Ms. Jennifer C. Sedlachek
ExxonMobil Refining & Supply - Global Remediation
4096 Piedmont Avenue #194
Oakland, California 94611

SUBJECT Groundwater Monitoring Report, First Quarter 2006
Former Exxon Service Station 7-3006
720 High Street, Oakland, California

INTRODUCTION

At the request of Exxon Mobil Corporation (Exxon Mobil), Environmental Resolutions, Inc. (ERI) performed first quarter 2006 groundwater monitoring and sampling activities at the subject site. Relevant tables, plates, and attachments are included at the end of this report. Currently, the site operates as a service station.

GROUNDWATER MONITORING AND SAMPLING SUMMARY

Gauging and sampling date: 01/24/06

Wells gauged and sampled: MW1, MW2, MW3, MW6, and MW14

Presence of NAPL: Not observed

Laboratory: Sequoia Analytical, Morgan Hill, California

Analyses performed:

| | |
|-----------|--|
| EPA 8015B | TPHd, TPHg |
| EPA 8021B | BTEX |
| EPA 8260B | MTBE, ETBE, TAME, TBA, EDB, 1,2-DCA, DIPE, Ethanol |

Waste disposal: 220 gallons purge and decon water delivered to Romic Environmental Technologies Corporation on 01/27/06

REMEDIAL SYSTEM SUMMARY

Exxon Mobil's remedial efforts at the site have included excavation, product bailing, groundwater extraction, vapor extraction, air sparging, and biosparging.

In 1989, approximately 27 gallons of liquid-phase hydrocarbons (LPHs) were removed from on-site wells. In 1993, petrotraps were installed in wells MW2, MW4, and MW6, and 6.3 gallons of LPHs were removed. The groundwater extraction and treatment system (GET) system operated from January 1995 to December 1998, the air sparge/soil vapor extraction (AS/SVE) system operated from August 1996 to July 1999, and a biosparge system operated from July 2001 to June 2003.

Groundwater Extraction and Treatment System

The GET system was designed to treat separate-phase and dissolved-phase petroleum hydrocarbons in groundwater extracted from the interceptor trench beneath the site. The GET system operated from January 1995 to December 1998, and was shut down when influent concentrations decreased. Pneumatic pumps were installed in extraction wells RW2 and RW5 to recover groundwater from the interceptor trench. Subsurface and aboveground collection piping were used to transfer extracted groundwater to a holding tank. A transfer pump and polyvinyl chloride piping were used to direct the water stream from the holding tank through water filters, an air stripper, and subsequently through liquid-phase granular activated carbon canisters connected in series. The treated groundwater was discharged to the sanitary sewer regulated by East Bay Municipal Utilities District. The GET system removed approximately 10 pounds of total petroleum hydrocarbons as gasoline (TPHg) and 3 pounds of benzene.

Air Sparge/ Soil Vapor Extraction System

The AS/SVE system consisted of six AS wells (AS1 through AS6) for air injection and three vadose wells (VW1 through VW3) for vapor extraction within an on-site interceptor trench, a water knock-out tank, a Thermtech VAC-25 thermal/oxidizer, a Gast air compressor, and a propane tank for supplemental fuel. The AS/SVE system operated from August 1996 to July 1999 and removed approximately 5,144 pounds of TPHg and 61 pounds of benzene. The AS/SVE system was shut down when influent TPHg concentrations decreased to near the laboratory reporting limits and TPHg removal rates reached asymptotic conditions.

The bio-sparge system operated from July 2001 to June 2003, and used an air compressor to inject air into the on-site groundwater interceptor trench to enhance biodegradation. The bio-sparge system was discontinued when it was deemed ineffective.

DOCUMENT DISTRIBUTION

ERI recommends forwarding copies of this report to:

Mr. Amir Gholami
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

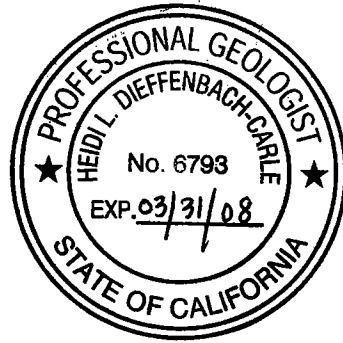
Mr. Chuck Headlee
California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, California 94612

Mr. Mansour Sepehr, Ph.D., P.E.
SOMA Environmental Engineering, Incorporated
2680 Bishop Drive, Suite 203
San Ramon, California 94583

LIMITATIONS

This report was prepared in accordance with generally accepted standards of environmental practice in California at the time this investigation was performed. This report has been prepared for Exxon Mobil, and any reliance on this report by third parties shall be at such party's sole risk.

Please call Ms. Paula Sime, ERI's project manager for this site, at (707) 766-2000 with any questions regarding this report.



Sincerely,
Environmental Resolutions, Inc.

Karen Navarro
Karen L. Navarro
Technical Writer

Heidi Dieffenbach-Carle
Heidi Dieffenbach-Carle
P.G. 6793

- Attachments: Table 1A: Cumulative Groundwater Monitoring and Sampling Data
- Table 1B: Additional Cumulative Groundwater Monitoring and Sampling Data
- Table 2: Well Construction Details

- Plate 1: Site Vicinity Map
- Plate 2: Select Analytical Results
- Plate 3: Groundwater Elevation Map

- Attachment A: Groundwater Sampling Protocol
- Attachment B: Laboratory Analytical Report and Chain-of-Custody Record
- Attachment C: Waste Disposal Documentation

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California
(Page 1 of 14)

| Well ID | Sampling Date | TOC (fmsl) | DTW (fbgs) | GW Elev. (fmsl) | SUBJ | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------|------------|--|-----------------|------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW1 | 01/20/94 | 12.87 | 9.25 | 3.62 | NLPH | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 02/02/94 | 12.87 | 8.60 | 4.27 | NLPH | 70 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | 0.7 |
| MW1 | 03/10/94 | 12.87 | 8.31 | 4.56 | NLPH | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 04/22/94 | 12.87 | 7.95 | 4.92 | NLPH | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 05/10/94 | 12.87 | 7.48 | 5.39 | NLPH | 100 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | 1.6 |
| MW1 | 06/27/94 | 12.87 | 7.65 | 5.22 | NLPH | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 08/31/94 | 12.87 | 9.39 | 3.48 | NLPH | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 09/29/94 | 12.87 | 9.83 | 3.04 | NLPH | <50 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 10/25/94 | 12.87 | 10.19 | 2.68 | NLPH | --- | <50 | <50 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 11/30/94 | 12.87 | 8.97 | 3.90 | NLPH | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 12/27/94 | 12.87 | 7.44 | 5.43 | NLPH | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 02/06/95 | 12.87 | 5.71 | 7.16 | NLPH | --- | <50 | 100 | --- | 0.52 | <0.5 | <0.5 | <0.5 |
| MW1 | 06/07/95 | 12.87 | 7.62 | 5.25 | NLPH | 81 | <50 | 3.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 09/18/95 | 12.87 | 10.02 | 2.85 | NLPH | 82 | <50 | 6 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 11/01/95 | 12.87 | 10.74 | 2.13 | NLPH | 160 | <50 | 8.9 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 02/14/96 | 12.87 | 7.81 | 5.06 | NLPH | 100 | <50 | 7.8 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 06/19/96 | 12.87 | 7.47 | 5.40 | NLPH | 93 | <50 | 7.1 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 09/24/96 | 12.87 | 10.42 | 2.45 | NLPH | 83 | <50 | 9.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 12/11/96 | 12.87 | 8.50 | 4.37 | NLPH | 81 | <50 | 7.2 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 03/19/97 | 12.87 | 9.14 | 3.73 | NLPH | 78 | <50 | 6.4 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 06/04/97 | 12.87 | 9.82 | 3.05 | NLPH | 58 | <50 | 6.0 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 09/02/97 | 12.87 | 10.26 | 2.61 | NLPH | 150 | <50 | 5.4 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 12/02/97 | 12.87 | 9.32 | 3.55 | NLPH | 88 | <50 | 5.1 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 03/24/98 | 12.87 | 6.44 | 6.43 | NLPH | 58 | <50 | 5.6 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 06/23/98 | 12.87 | 9.23 | 3.64 | NLPH | 84 | <50 | 3.8 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 09/29/98 | 12.87 | 9.91 | 2.96 | NLPH | 61 | <50 | 2.6 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 12/30/98 | 12.87 | 9.21 | 3.66 | NLPH | 80 | <50 | 4.1 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 03/24/99 | 12.87 | 5.53 | 7.34 | NLPH | 64.3 | <50 | 4.95 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 06/22/99 | 12.87 | 7.39 | 5.48 | NLPH | 83.5 | <50 | 3.70 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 09/29/99 | 12.87 | 8.90 | 3.97 | NLPH | 52.9 | <50 | 4.81 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 12/21/99 | 12.87 | 8.94 | 3.93 | NLPH | 60 | <50 | 10 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 03/21/00 | 12.87 | 5.34 | 7.53 | NLPH | --- | <50 | 4.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 03/30/01 | 12.87 | 5.29 | 7.58 | NLPH | 79 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 11/01/01 | 12.79 | Well surveyed in compliance with AB 2886 requirements. | | | | | | | | | | |
| MW1 | 03/11/02 k | 12.79 | 5.39 | 7.40 | NLPH | <50.0 | 116 | 110 | 160 | 1.10 | <0.50 | <0.50 | <0.50 |
| MW1 | 03/11/03 | 12.79 | 6.63 | 6.16 | NLPH | <50 | 153 | 188 | 179 | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 03/26/04 | 12.79 | 6.18 | 6.61 | NLPH | 74g | <50.0 | --- | 171 | <0.50 | 0.5 | <0.5 | <0.5 |
| MW1 | 11/02/04 | 12.79 | 6.44 | 6.35 | NLPH | 75g | 145 | --- | 137 | 0.50 | <0.5 | <0.5 | <0.5 |
| MW1 | 02/04/05 | 12.79 | 5.01 | 7.78 | NLPH | 158g | 132 | --- | 120 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW1 | 05/02/05 | 12.79 | 4.66 | 8.13 | NLPH | 386g | 131 | --- | 138 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW1 | 08/01/05 | 12.79 | 5.51 | 7.28 | NLPH | 129g | 89.8 | --- | 98.4 | 0.70 | <0.5 | <0.5 | <0.5 |
| MW1 | 10/25/05 | 12.79 | 5.54 | 7.25 | NLPH | <50.0 | 67.2 | --- | 84.1 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW1 | 01/24/06 | 12.79 | 4.07 | 8.72 | NLPH | <50 | 71 | --- | 91 | <0.50 | <0.50 | <0.50 | <0.50 |

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California
(Page 2 of 14)

| Well ID | Sampling Date | TOC (fmsl) | DTW (fbgs) | GW Elev. (fmsl) | SUBJ | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------|------------|--|-----------------|---------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW2 | 01/20/94 | 12.98 | -- | -- | -- [NR] | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 02/02/94 | 12.98 | -- | -- | -- [NR] | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 03/10/94 | 12.98 | 6.96 | 6.02 | [8 c.] | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 04/22/94 | 12.98 | -- | -- | [10 c.] | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 05/10/94 | 12.98 | -- | -- | [5 c.] | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 06/27/94 | 12.98 | 7.10 | 5.88 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 08/31/94 | 12.98 | 8.58 | 4.40 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 09/29/94 | 12.98 | 9.11 | 3.87 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 10/25/94 | 12.98 | 7.76 | 5.22 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 11/30/94 | 12.98 | 7.33 | 5.65 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 12/27/94 | 12.98 | 6.77 | 6.21 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 02/06/95 | 12.98 | 5.00 | 7.98 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 06/07/95 | 12.98 | 7.14 | 5.84 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 09/18/95 | 12.98 | 10.82 | 2.16 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 11/01/95 | 12.98 | 11.65 | 1.33 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 02/14/96 | 12.98 | 8.39 | 4.59 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 06/19/96 | 12.98 | 6.55 | 6.43 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 09/24/96 | 12.98 | 11.56 | 1.42 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 12/11/96 | 12.98 | 8.02 | 4.96 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 03/19/97 | 12.98 | 8.63 | 4.35 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 06/04/97 | 12.98 | 10.57 | 2.41 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 09/02/97 | 12.98 | 11.51 | 1.47 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 12/02/97 | 12.98 | 11.24 | 1.74 | NLPH | 820 | 1,400 | 57 | -- | 15 | 2.8 | 8.6 | <2.5 |
| MW2 | 03/27/98 | 12.98 | 6.06 | 6.92 | NLPH | 2,000 | 7,400 | <50 | -- | 1,400 | 350 | 490 | 1,500 |
| MW2 | 06/23/98 | 12.98 | 11.06 | 1.92 | Sheen | 2,900 | 180 | 9.5 | -- | 3.2 | 0.55 | 0.92 | 1.3 |
| MW2 | 09/29/98 | 12.98 | 10.51 | 2.47 | NLPH | 180 | 290 | 9.3 | -- | <0.50 | 0.65 | 1.5 | 1.5 |
| MW2 | 12/30/98 | 12.98 | 9.83 | 3.15 | NLPH | 700 | 520 | 16 | -- | 17 | 0.96 | 2.6 | 3.5 |
| MW2 | 03/24/99 | 12.98 | 4.47 | 8.51 | NLPH | 1,440 | 14,000 | <40 | -- | 1,300 | 336 | 786 | 3,420 |
| MW2 | 06/22/99 | 12.98 | 6.42 | 6.56 | NLPH | 2,310 | 1,080 | 25.2 | -- | 54.3 | 14.9 | 38.8 | 107 |
| MW2 | 09/29/99 | 12.98 | 8.00 | 4.98 | NLPH | 2,720e | 517 | 15.4 | -- | 37.5 | 7.48 | 12.9 | 15.2 |
| MW2 | 12/21/99 | 12.98 | 8.10 | 4.88 | NLPH | 6,300 | 3,200 | <2 | -- | 360 | 5.5 | 120 | 106 |
| MW2 | 03/21/00 h | 12.98 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 03/30/01 | 12.98 | 3.09 | 9.89 | NLPH | 510 | 200 | -- | 110 | 7.2 | <0.5 | 2.4 | 2.1 |
| MW2 | 11/01/01 | 13.06 | Well surveyed in compliance with AB 2886 requirements. | | | | | | | | | | |
| MW2 | 03/11/02 k | 13.06 | 3.78 | 9.28 | NLPH | 293 | <1,000 | 62.0 | 30 | <10.0 | <10.0 | <10.0 | <10.0 |
| MW2 | 03/11/03 | 13.06 | 5.49 | 7.57 | NLPH | 422 | 1,490 | 325 | 428 | 279 | 3.0 | 9.8 | 18.9 |
| MW2 | 03/27/04 | 13.06 | 4.65 | 8.41 | NLPH | 184g | 254 | -- | 131 | 6.80 | 0.5 | <0.5 | 1.2 |
| MW2 | 11/02/04 | 13.06 | 4.43 | 8.63 | NLPH | 96 | 52.0 | -- | 8.00 | 1.40 | <0.5 | <0.5 | <0.5 |
| MW2 | 02/04/05 | 13.06 | 3.32 | 9.74 | NLPH | 372g | 66.0 | -- | 8.30 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW2 | 05/02/05 | 13.06 | 2.74 | 10.32 | NLPH | 195g | 84.2 | -- | 5.30 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW2 | 08/01/05 | 13.06 | 2.99 | 10.07 | NLPH | 344g | <50.0 | -- | 1.70 | 0.60 | <0.5 | <0.5 | <0.5 |

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California
(Page 3 of 14)

| Well ID | Sampling Date | TOC (fmsl) | DTW (fbgs) | GW Elev. (fmsl) | SUBJ | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------|------------|--|-----------------|-----------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW2 | 10/25/05 | 13.06 | 2.08 | 10.98 | NLPH | 55.3g | <50.0 | --- | 1.22 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW2 | 01/24/06 | 13.06 | 2.77 | 10.29 | NLPH | 170g | <50 | --- | 1.6 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW3 | 01/20/94 | 12.92 | 8.24 | 4.68 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 02/02/94 | 12.92 | 7.68 | 5.24 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 03/10/94 | 12.92 | 7.24 | 5.68 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 04/22/94 | 12.92 | 6.79 | 6.13 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 05/10/94 | 12.92 | 6.43 | 6.49 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 06/27/94 | 12.92 | 6.97 | 5.95 | 0.01 [NR] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 08/31/94 | 12.92 | 8.41 | 4.51 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 09/29/94 | 12.92 | 8.97 | 3.95 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 10/25/94 | 12.92 | 9.43 | 3.49 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 11/28/94 | 12.92 | 7.19 | 5.73 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 12/27/94 | 12.92 | 6.64 | 6.28 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 02/06/95 | 12.92 | 4.87 | 8.05 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 06/07/95 | 12.92 | 7.05 | 5.87 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 09/18/95 | 12.92 | 10.61 | 2.31 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 11/01/95 | 12.92 | 11.58 | 1.34 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 02/14/96 | 12.92 | 8.34 | 4.58 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 06/19/96 | 12.92 | 6.35 | 6.57 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 09/24/96 | 12.92 | 11.45 | 1.47 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 12/11/96 | 12.92 | 7.89 | 5.03 | NLPH | 17,000 | 4,800 | 30 | --- | 340 | <5.0 | 8.2 | 20 |
| MW3 | 03/19/97 | 12.92 | 9.83 | 3.09 | NLPH | 3,000 | 1,900 | 80 | --- | 160 | 11 | 5.6 | 10 |
| MW3 | 06/04/97 | 12.92 | 10.43 | 2.49 | NLPH | 8,000 | 920 | 11 | --- | 15 | 2.8 | 2.4 | <2.0 |
| MW3 | 09/02/97 | 12.92 | 12.45 | 0.47 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 12/02/97 | 12.92 | 11.21 | 1.71 | NLPH | 6,700 | 920 | 21 | --- | 10 | 2.1 | <1.0 | 2.7 |
| MW3 | 03/24/98 | 12.92 | 5.93 | 6.99 | NLPH | 4,600 | 1,500 | 25 | --- | 5,500 | <5.0 | <5.0 | <5.0 |
| MW3 | 06/23/98 | 12.92 | 11.13 | 1.79 | NLPH | 39,000 | 1,300 | 9.4 | --- | 53 | <1.0 | <1.0 | <1.0 |
| MW3 | 09/29/98 | 12.92 | 10.46 | 2.46 | Sheen | 2,600 | 540 | <5.0 | --- | 6.8 | 1.9 | 1.4 | 2.3 |
| MW3 | 12/30/98 | 12.92 | 9.72 | 3.20 | NLPH | 11,000 | 4,000 | <50 | --- | 74 | <10 | <10 | <10 |
| MW3 | 03/24/99 | 12.92 | 4.36 | 8.56 | Sheen | 3,850 | 2,330 | <20 | --- | <5.0 | <5.0 | <5.0 | <5.0 |
| MW3 | 06/22/99 | 12.92 | 6.22 | 6.70 | NLPH | 6,860 | 1,470 | <10 | --- | 492 | <2.5 | <2.5 | <2.5 |
| MW3 | 09/29/99 | 12.92 | 8.10 | 4.82 | NLPH | 2,290e | 315 | <5.0 | --- | 11.5 | 3.07 | <1.0 | 2.54 |
| MW3 | 12/21/99 | 12.92 | 7.99 | 4.93 | NLPH | 37,000 | 6,600 | 4 | --- | 22 | 5 | 5.1 | 31.4 |
| MW3 | 01/26/00 | 12.92 | 5.48 | 7.44 | NLPH | 2,600g | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 03/21/00 h | 12.92 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 03/30/01 | 12.92 | 4.02 | 8.90 | NLPH | 2,000 | 880 | --- | 300 | 130 | <0.5 | 1.2 | 2.4 |
| MW3 | 11/01/01 | 13.71 | Well surveyed in compliance with AB 2886 requirements. | | | | | | | | | | |
| MW3 | 03/11/02 k | 13.71 | 4.72 | 8.99 | NLPH | 19,100 | <2,500 | 130 | 175 | 165 | <25.0 | <25.0 | <25.0 |
| MW3 | 03/11/03 | 13.71 | 6.23 | 7.48 | NLPH | 1,190 | 887 | 122 | 119 | 71.9 | 0.8 | 1.1 | 2.0 |
| MW3 | 03/26/04 | 13.71 | 5.47 | 8.24 | NLPH | 16,500g | 1,350 | --- | 98.4 | 30.8 | 1.6 | <0.5 | 3.8 |
| MW3 | 11/02/04 | 13.71 | 5.30 | 8.41 | NLPH | 3,620g | 466 | --- | 30.8 | 32.4 | <0.5 | <0.5 | 4.7 |
| MW3 | 02/04/05 | 13.71 | 4.14 | 9.57 | NLPH | 2,850g | 531 | --- | 22.7 | 19.3 | <0.5 | 0.6 | 1.6 |

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California
(Page 4 of 14)

| Well ID | Sampling Date | TOC (fmsl) | DTW (fbgs) | GW Elev. (fmsl) | SUBJ | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---|-----------------|------------|-----------------|-----------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW3 | 05/02/05 | 13.71 | 3.41 | 10.30 | NLPH | 3940g | 586 | --- | 29.5 | 36.3 | 3.1 | 0.8 | 4.3 |
| MW3 | 08/01/05 | 13.71 | 3.88 | 9.83 | NLPH | 1,550 | 815 | --- | 18.1 | 36.6 | 0.6 | 1.1 | 2.4 |
| MW3 | 10/25/05 | 13.71 | 3.11 | 10.60 | NLPH | 4,010g | 379 | --- | 3.47 | <0.50 | <0.50 | <0.50 | 1.01 |
| MW3 | 01/24/06 | 13.71 | 2.69 | 11.02 | NLPH | 2,200g | 510 | --- | 13 | 35 | <1.0 | 2.1 | <1.0 |
| MW4 | 01/20/94 | 12.77 | --- | --- | -- [NR] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 02/02/94 | 12.77 | --- | --- | -- [1 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 03/10/94 | 12.77 | 7.12 | 5.65 | [8 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 04/22/94 | 12.77 | --- | --- | [10 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 05/10/94 | 12.77 | --- | --- | [5 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 06/27/94 | 12.77 | 6.50 | 6.27 | 0.01 [NR] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 08/31/94 | 12.77 | 7.84 | 4.93 | 0.02 [NR] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 09/29/94 | 12.77 | 8.43 | 4.34 | 0.03 [NR] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 10/25/94 | 12.77 | 9.24 | 3.53 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 11/30/94 | 12.77 | 6.77 | 6.00 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 12/27/94 | 12.77 | 6.14 | 6.63 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 02/06/95 | 12.77 | 4.87 | 7.90 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 06/07/95 | 12.77 | 6.91 | 5.86 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 09/18/95 | 12.77 | 9.59 | 3.18 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 11/01/95 | 12.77 | 11.52 | 1.25 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 02/14/96 | 12.77 | 8.56 | 4.21 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 08/19/96 | 12.77 | 6.09 | 6.68 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 09/24/96 | 12.77 | 10.20 | 2.57 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 12/11/96 | 12.77 | 7.78 | 4.99 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 03/19/97 | 12.77 | 8.56 | 4.21 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 06/04/97 | 12.77 | 9.31 | 3.46 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 09/02/97 | 12.77 | 10.00 | 2.77 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 12/02/97 | 12.77 | 8.72 | 4.05 | NLPH | 15,000 | 1,500 | 50 | --- | <2.5 | 9.7 | 3.0 | 10 |
| MW4 | 03/24/98 | 12.77 | 5.79 | 6.98 | NLPH | 6,400 | 540 | 38 | --- | <0.5 | 4.4 | 1.6 | 5.4 |
| MW4 | 06/23/98 | 12.77 | 8.50 | 4.27 | Sheen | 7,500 | 1,000 | 25 | --- | 3.3 | <2.0 | <2.0 | <2.0 |
| MW4 | 09/29/98 | 12.77 | 9.77 | 3.00 | Sheen | 65,000 | 7,300 | <50 | --- | <10 | <10 | <10 | <10 |
| MW4 | 12/30/98 | 12.77 | 8.54 | 4.23 | Sheen | 12,000 | 1,000 | 170 | --- | 3.8 | 5.1 | <2.5 | 4.1 |
| MW4 | 03/24/99 | 12.77 | 4.41 | 8.36 | Sheen | 20,500 | 1,300 | 4.40 | --- | 2.64 | <1.0 | <1.0 | <1.0 |
| MW4 | 06/22/99 | 12.77 | 5.71 | 7.06 | NLPH | 9,760 | 1,470 | <10 | --- | 404 | <2.5 | <2.5 | <2.5 |
| MW4 | 09/29/99 | 12.77 | 7.32 | 5.45 | NLPH | 2,470f | 589c | 8.12 | --- | 12.6 | <1.0 | <1.0 | <1.0 |
| MW4 | 12/21/99 | 12.77 | 7.58 | 5.19 | NLPH | 230,000 | 2,000 | <2 | --- | <0.5 | 0.56 | 1.9 | 18.6 |
| MW4 | 01/26/00 | 12.77 | 5.85 | 6.92 | NLPH | 3,200g | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 03/21/00 | 12.77 | 3.58 | 9.19 | NLPH | 5,900 | 270 | 13 | --- | 6.8 | 0.83 | <0.5 | 3.6 |
| MW4 | 03/30/01 - present Well covered by asphalt. | | | | | | | | | | | | |
| MW5 | 07/18/89 | Well Destroyed. | | | | | | | | | | | |

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California
(Page 5 of 14)

| Well ID | Sampling Date | TOC (fmsl) | DTW (fbgs) | GW Elev. (fmsl) | SUBJ | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------|------------|--|-----------------|---------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW6 | 01/20/94 | 14.27 | -- | -- | -- [NR] | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 02/02/94 | 14.27 | -- | -- | -- [NR] | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 03/10/94 | 14.27 | 7.82 | 6.45 | [¼ c.] | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 04/22/94 | 14.27 | -- | -- | [10 c.] | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 05/10/94 | 14.27 | -- | -- | [3 c.] | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 06/27/94 | 14.27 | 7.77 | 6.50 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 08/31/94 | 14.27 | 9.02 | 5.25 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 09/29/94 | 14.27 | 9.51 | 4.76 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 10/25/94 | 14.27 | 9.93 | 4.34 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 11/30/94 | 14.27 | 8.05 | 6.22 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 12/27/94 | 14.27 | 7.54 | 6.73 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 02/06/95 | 14.27 | 5.86 | 8.41 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 06/07/95 | 14.27 | 8.07 | 6.20 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 09/18/95 | 14.27 | 10.54 | 3.73 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 11/01/95 | 14.27 | 11.41 | 2.86 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 02/14/96 | 14.27 | 9.17 | 5.10 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 06/19/96 | 14.27 | 7.13 | 7.14 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 09/24/96 | 14.27 | 11.24 | 3.03 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 12/11/96 | 14.27 | 9.20 | 5.07 | NLPH | 2,900 | 9,100 | <100 | -- | 2,100 | 22 | 160 | 260 |
| MW6 | 03/19/97 | 14.27 | 10.14 | 4.13 | NLPH | 3,800 | 24,000 | 250 | -- | 5,800 | 91 | 1,300 | 1,900 |
| MW6 | 06/04/97 | 14.27 | 10.58 | 3.69 | NLPH | 3,300 | 20,000 | 270 | -- | 4,400 | <50 | 540 | 480 |
| MW6 | 09/02/97 | 14.27 | 11.02 | 3.25 | NLPH | 2,100 | 8,100 | <25 | -- | 1,800 | <25 | 140 | 170 |
| MW6 | 12/02/97 | 14.27 | 10.45 | 3.82 | NLPH | 2,300 | 6,800 | <100 | -- | 1,100 | <20 | 77 | 74 |
| MW6 | 03/24/98 | 14.27 | 7.09 | 7.18 | NLPH | 3,800 | 20,000 | <250 | -- | 4,300 | <50 | 2,200 | 1,500 |
| MW6 | 06/23/98 | 14.27 | 9.79 | 4.48 | Sheen | 4,100 | 19,000 | <500 | -- | 3,400 | <100 | 1,800 | 1,100 |
| MW6 | 09/29/98 | 14.27 | 10.56 | 3.71 | NLPH | 2,300 | 8,600 | <100 | -- | 2,100 | 25 | 300 | 260 |
| MW6 | 12/30/98 | 14.27 | 9.97 | 4.30 | NLPH | 2,700 | 6,800 | <125 | -- | 1,600 | <25 | 84 | 200 |
| MW6 | 03/24/99 | 14.27 | 5.02 | 9.25 | Sheen | 2,670 | 12,600 | <20 | -- | 3,380 | 16.5 | 221 | 190 |
| MW6 | 06/22/99 | 14.27 | 6.91 | 7.36 | NLPH | 5,670 | 6,720 | <40 | -- | 2,400 | <10 | 767 | 14.4 |
| MW6 | 09/29/99 | 14.27 | 8.66 | 5.61 | NLPH | 1,370f | 6,310d | <250 | -- | <25 | <25 | 133 | <25 |
| MW6 | 12/21/99 | 14.27 | 8.57 | 5.70 | NLPH | 2,300 | 3,800 | 12 | -- | 890 | 3.3 | 94 | 95 |
| MW6 | 03/21/00 h | 14.27 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 03/30/01 | 14.27 | 3.66 | 10.61 | NLPH | 2,000 | 9,200 | -- | <5 | 3,100 | 9.1 | 130 | 31 |
| MW6 | 11/01/01 | 14.23 | Well surveyed in compliance with AB 2886 requirements. | | | | | | | | | | |
| MW6 | 03/11/02 k | 14.23 | 4.55 | 9.68 | NLPH | 1,460 | 7,660 | 45.0 | <5.0 | 2,200 | 25.0 j | 410 | 285 |
| MW6 | 03/11/03 | 14.23 | 5.79 | 8.44 | NLPH | 1,100 | 5,120 | 15.7 | 1.80 | 920 | 3.2 | 36 | 19.4 |
| MW6 | 03/26/04 | 14.23 | 5.22 | 9.01 | NLPH | 596g | 5,090 | -- | 0.70 | 1,130 | 14.7 | 164 | 62.9 |
| MW6 | 11/02/04 | 14.23 | 4.84 | 9.39 | NLPH | 1,000g | 4,320 | -- | <0.50 | 793 | 3.6 | 178 | 53.0 |
| MW6 | 02/04/05 | 14.23 | 3.83 | 10.40 | NLPH | 1,410g | 3,950 | -- | <0.50 | 1,210 | 9.4 | 110 | 22.6 |
| MW6 | 05/02/05 | 14.23 | 3.18 | 11.05 | NLPH | 852g | 4,900 | -- | <0.50 | 755 | 6.6 | 189 | 20.9 |
| MW6 | 08/01/05 | 14.23 | 3.92 | 10.31 | NLPH | 1,290g | 3,320 | -- | 1.20 | 597 | 5.1 | 64.7 | 47.5 |
| MW6 | 10/25/05 | 14.23 | 3.93 | 10.30 | NLPH | 861g | 2,870 | -- | 1.48 | 496 | 4.24 | 63.5 | 35.9 |
| MW6 | 01/24/06 | 14.23 | 2.81 | 11.42 | NLPH | 570g | 4,000 | -- | <5.0 | 590 | <25 | 51 | <25 |

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California
(Page 7 of 14)

| Well ID | Sampling Date | TOC (fmsl) | DTW (fbgs) | GW Elev. (fmsl) | SUBJ | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------|-----------------|------------|-----------------|-------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW8 | 08/31/94 | 13.45 | 9.26 | 4.19 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 09/29/94 | 13.45 | 9.76 | 3.69 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 10/25/94 | 13.45 | 10.05 | 3.40 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 11/30/94 | 13.45 | 7.68 | 5.77 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 12/27/94 | 13.45 | 7.11 | 6.34 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 02/06/95 | 13.45 | 5.39 | 8.06 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 06/07/95 | 13.45 | 7.53 | 5.92 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 09/18/95 | 13.45 | 9.84 | 3.61 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 11/01/95 | 13.45 | 10.47 | 2.98 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 02/14/96 | 13.45 | 8.27 | 5.18 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 06/19/96 | 13.45 | 6.88 | 6.57 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 09/24/96 | 13.45 | 10.13 | 3.32 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 12/11/96 | 13.45 | 8.53 | 4.92 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 03/19/97 | 13.45 | 9.09 | 4.36 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 06/04/97 | 13.45 | 9.52 | 3.93 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 09/02/97 | 13.45 | 9.72 | 3.73 | NLPH | 8,000 | 20,000 | <50 | -- | 57 | <50 | 850 | 660 |
| MW8 | 12/02/97 | 13.45 | 8.83 | 4.62 | NLPH | 2,700 | 6,900 | 130 | -- | 83 | <10 | <10 | 100 |
| MW8 | 03/24/98 | 13.45 | 6.52 | 6.93 | NLPH | 2,900 | 10,000 | <125 | -- | 190 | <25 | 470 | 330 |
| MW8 | 06/23/98 | 13.45 | 9.02 | 4.43 | NLPH | 3,700 | 10,000 | <50 | -- | 140 | <10 | 460 | 260 |
| MW8 | 09/29/98 | 13.45 | 9.72 | 3.73 | NLPH | 3,600 | 12,000 | 130 | -- | 46 | <10 | 340 | 190 |
| MW8 | 12/30/98 | 13.45 | 9.06 | 4.39 | NLPH | 3,000 | 11,000 | 140 | -- | 170 | <25 | 230 | 160 |
| MW8 | 03/24/99 | 13.45 | 5.21 | 8.24 | Sheen | 2,250 | 13,000 | 22.6 | -- | 336 | 53.2 | 415 | 326 |
| MW8 | 06/22/99 | 13.45 | 6.51 | 6.94 | Sheen | 4,010 | 13,000 | 64.9 | -- | 174 | <5.0 | 186 | 13.1 |
| MW8 | 09/29/99 | 13.45 | 8.22 | 5.23 | NLPH | 2,170f | 5,420 | <25 | -- | 20.4 | <5.0 | <5.0 | 38.5 |
| MW8 | 12/21/99 | 13.45 | 8.41 | 5.04 | NLPH | 2,100 | 4,700 | <2 | -- | 190 | 15 | 160 | 68.2 |
| MW8 | 03/21/00 | 13.45 | 4.47 | 8.98 | NLPH | -- | 6,300 | 270 | -- | 380 | 12 | 260 | 86 |
| MW8 | 12/21/00 | Well destroyed. | | | | | | | | | | | |
| MW9 | 01/20/94 | 14.64 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 02/02/94 | 14.64 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 03/10/94 | 14.64 | 6.90 | 7.74 | NLPH | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 04/22/94 | 14.64 | 7.38 | 7.26 | NLPH | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 05/10/94 | 14.64 | 6.96 | 7.68 | NLPH | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 06/27/94 | 14.64 | 7.65 | 6.99 | NLPH | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 08/31/94 | 14.64 | 8.87 | 5.77 | NLPH | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 09/29/94 | 14.64 | 9.19 | 5.45 | NLPH | <50 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 10/25/94 | 14.64 | 9.66 | 4.98 | NLPH | <50 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 11/30/94 | 14.64 | 8.38 | 6.26 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 12/27/94 | 14.64 | 7.29 | 7.35 | NLPH | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 02/06/95 | 14.64 | 5.74 | 8.90 | NLPH | 56 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 06/07/95 | 14.64 | 8.33 | 6.31 | NLPH | 72 | <50 | <2.5 | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 09/18/95 | 14.64 | 9.28 | 5.36 | NLPH | 60 | <50 | <2.5 | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 11/01/95 | 14.64 | 10.09 | 4.55 | NLPH | 61 | <50 | <2.5 | -- | <0.5 | <0.5 | <0.5 | <0.5 |

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California
(Page 8 of 14)

| Well ID | Sampling Date | TOC (fmsl) | DTW (fbgs) | GW Elev. (fmsl) | SUBJ | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------|-----------------|------------|-----------------|------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW9 | 02/14/96 | 14.64 | 6.26 | 8.38 | NLPH | 83 | <50 | <2.5 | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 06/19/96 | 14.64 | 6.68 | 7.96 | NLPH | 68 | <50 | <2.5 | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 09/24/96 | 14.64 | 9.72 | 4.92 | NLPH | <50 | <50 | <2.5 | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 12/11/96 | 14.64 | 8.11 | 6.53 | NLPH | 91 | <50 | <2.5 | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 03/19/97 | 14.64 | 7.72 | 6.92 | NLPH | 140 | <50 | <2.5 | -- | 0.83 | <0.5 | <0.5 | <0.5 |
| MW9 | 06/04/97 | 14.64 | 8.87 | 5.77 | NLPH | <50 | <50 | <2.5 | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 09/02/97 | 14.64 | 9.44 | 5.20 | NLPH | 140 | <50 | <2.5 | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 12/02/97 | 14.64 | 8.43 | 6.21 | NLPH | 71 | <50 | <2.5 | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 03/24/98 | 14.64 | 5.84 | 8.80 | NLPH | 62 | <50 | <2.5 | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 06/23/98 | 14.64 | 7.81 | 6.83 | NLPH | 69 | <50 | <2.5 | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 09/29/98 | 14.64 | 9.26 | 5.38 | NLPH | 52 | <50 | <2.5 | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 12/30/98 | 14.64 | 8.28 | 6.36 | NLPH | 74 | <50 | <2.5 | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 03/24/99 | 14.64 | 4.74 | 9.90 | NLPH | 71.1 | b | b | -- | b | b | b | b |
| MW9 | 06/22/99 | 14.64 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 09/29/99 | 14.64 | 8.41 | 6.23 | NLPH | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 12/21/99 | 14.64 | 8.20 | 6.44 | NLPH | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 03/21/00 | 14.64 | 4.59 | 10.05 | NLPH | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 12/21/00 | Well destroyed. | | | | | | | | | | | |
| MW10 | 01/20/94 | 14.05 | 8.40 | 5.65 | NLPH | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 02/02/94 | 14.05 | 8.00 | 6.05 | NLPH | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 02/03/94 | 14.05 | -- | -- | -- | <50 | <50 | -- | -- | <0.5 | 1 | <0.5 | 1.8 |
| MW10 | 03/10/94 | 14.05 | 7.56 | 6.49 | NLPH | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 04/22/94 | 14.05 | 7.35 | 6.70 | NLPH | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 05/10/94 | 14.05 | 7.06 | 6.99 | NLPH | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 05/11/94 | 14.05 | -- | -- | -- | <50 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 08/27/94 | 14.05 | 7.59 | 6.46 | NLPH | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 08/31/94 | 14.05 | 8.73 | 5.32 | NLPH | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 09/29/94 | 14.05 | 9.07 | 4.98 | NLPH | <50 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 10/25/94 | 14.05 | 9.41 | 4.64 | NLPH | <50 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 11/30/94 | 14.05 | 7.62 | 6.43 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 12/27/94 | 14.05 | 7.01 | 7.04 | NLPH | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 02/06/95 | 14.05 | 5.60 | 8.45 | NLPH | -- | <50 | <50 | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 06/07/95 | 14.05 | 7.12 | 6.93 | NLPH | <50 | <50 | <2.5 | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 09/18/95 | 14.05 | 8.54 | 5.51 | NLPH | <50 | <50 | <2.5 | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 11/01/95 | 14.05 | 9.44 | 4.61 | NLPH | <50 | <50 | <2.5 | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 02/14/96 | 14.05 | 9.36 | 4.69 | NLPH | 64 | <50 | <2.5 | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 06/19/96 | 14.05 | 7.32 | 6.73 | NLPH | <50 | <50 | <2.5 | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 09/24/96 | 14.05 | 9.07 | 4.98 | NLPH | <50 | <50 | <2.5 | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 12/11/96 | 14.05 | 7.73 | 6.32 | NLPH | 67 | <50 | <2.5 | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 03/19/97 | 14.05 | 7.62 | 6.43 | NLPH | 51 | <50 | <2.5 | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 06/04/97 | 14.05 | 8.38 | 5.67 | NLPH | <50 | <50 | <2.5 | -- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 09/02/97 | 14.05 | 8.64 | 5.41 | NLPH | 120 | <50 | <2.5 | -- | <0.5 | <0.5 | <0.5 | <0.5 |

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California
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| Well ID | Sampling Date | TOC (fmsl) | DTW (fbgs) | GW Elev. (fmsl) | SUBJ | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------|------------|--|-----------------|------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW14 | 02/06/95 | 15.18 | 7.18 | 8.00 | NLPH | 1,200 | 360 | --- | --- | <1.0 | <1.0 | <1.0 | <1.0 |
| MW14 | 06/07/95 | 15.18 | 7.70 | 7.48 | NLPH | 1,100 | 670 | <2.5 | --- | <0.5 | <0.5 | 3.6 | <0.5 |
| MW14 | 09/18/95 | 15.18 | 9.88 | 5.30 | NLPH | 1,900 | 1,300 | <10 | --- | <2.0 | <2.0 | <2.0 | 3 |
| MW14 | 11/01/95 | 15.18 | 10.56 | 4.62 | NLPH | 2,700 | 1,100 | <13 | --- | <2.5 | <2.5 | 3.2 | 3.1 |
| MW14 | 02/14/96 | 15.18 | 9.08 | 6.10 | NLPH | 1,500 | 470 | <2.5 | --- | <0.5 | <0.5 | 1.3 | <0.5 |
| MW14 | 06/19/96 | 15.18 | 8.50 | 6.68 | NLPH | 2,000 | 610 | <12 | --- | <2.5 | <2.5 | <2.5 | <2.5 |
| MW14 | 09/24/96 | 15.18 | 10.23 | 4.95 | NLPH | 5,100 | 1,000 | <25 | --- | <5.0 | <5.0 | <5.0 | <5.0 |
| MW14 | 12/11/96 | 15.18 | 9.09 | 6.09 | NLPH | 2,100 | 1,100 | <10 | --- | <2.0 | <2.0 | <2.0 | 3.3 |
| MW14 | 03/19/97 | 15.18 | 7.99 | 7.19 | NLPH | 1,400 | 690 | <2.5 | --- | 0.65 | 1.7 | 2.5 | 8.3 |
| MW14 | 06/04/97 | 15.18 | 9.30 | 5.88 | NLPH | 1,500 | 730 | <2.5 | --- | <1.2 | <1.2 | 3.5 | 5.3 |
| MW14 | 09/02/97 | 15.18 | 9.92 | 5.26 | NLPH | 1,900 | 910 | <5.0 | --- | <5.0 | <5.0 | <5.0 | 5.9 |
| MW14 | 12/02/97 | 15.18 | 9.13 | 6.05 | NLPH | 1,200 | 570 | <2.5 | --- | 0.85 | <0.5 | <0.5 | 1.7 |
| MW14 | 03/24/98 | 15.18 | 8.52 | 6.66 | NLPH | 1,300 | 650 | 5.7 | --- | 1.7 | <1.0 | <1.0 | 2.3 |
| MW14 | 06/23/98 | 15.18 | 8.69 | 6.49 | NLPH | 1,100 | 470 | <2.5 | --- | <0.5 | 1.5 | 1.1 | 3.0 |
| MW14 | 09/29/98 | 15.18 | 9.41 | 5.77 | NLPH | 930 | 570 | <2.5 | --- | <0.50 | <0.50 | 2.5 | 3.5 |
| MW14 | 12/30/98 | 15.18 | 9.31 | 5.87 | NLPH | 2,000 | 420 | <2.5 | --- | <0.5 | <0.5 | <0.5 | 2.8 |
| MW14 | 03/24/99 | 15.18 | 4.23 | 10.95 | NLPH | 936 | 456 | <2.0 | --- | <0.5 | <0.5 | 0.685 | <0.5 |
| MW14 | 06/22/99 | 15.18 | 7.24 | 7.94 | NLPH | 1,720 | 403 | <2.0 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW14 | 09/29/99 | 15.18 | 9.41 | 5.77 | NLPH | 927f | 388 | <2.5 | --- | 1.31 | <0.5 | 0.864 | 2.07 |
| MW14 | 12/21/99 | 15.18 | 8.93 | 6.25 | NLPH | 1,400 | 420 | <2 | --- | 0.61 | <0.5 | <0.5 | 6.3 |
| MW14 | 03/21/00 | 15.18 | 5.76 | 9.42 | NLPH | --- | 390 | <2 | --- | 1.4 | <0.5 | 0.82 | 4.5 |
| MW14 | 03/30/01 | 15.18 | 4.21 | 10.97 | NLPH | 980 | 330 | --- | <5 | <0.5 | <0.5 | 1.3 | 3.03 |
| MW14 | 11/01/01 | 15.14 | Well surveyed in compliance with AB 2886 requirements. | | | | | | | | | | |
| MW14 | 03/11/02 k | 15.14 | 4.87 | 10.27 | NLPH | 954 | 146 | 1.40 | 0.6 | <0.50 | <0.50 | 0.90 | 5.70 |
| MW14 | 03/11/03 | 15.14 | 6.99 | 8.15 | NLPH | 1,020 | 331 | <0.5 | --- | <0.50 | <0.5 | <0.5 | <0.5 |
| MW14 | 03/26/04 | 15.14 | 7.82 | 7.32 | NLPH | 586g | 235 | --- | <0.50 | 1.20 | 0.8 | 0.6 | 1.4 |
| MW14 | 11/02/04 | 15.14 | 7.06 | 8.08 | NLPH | 1,110g | 282 | --- | <0.50 | 0.90 | <0.5 | 1.6 | 7.2 |
| MW14 | 02/04/05 | 15.14 | 6.15 | 8.99 | NLPH | 2,880g | 327 | --- | <0.50 | 0.60 | <0.5 | 0.8 | 1.8 |
| MW14 | 05/02/05 | 15.14 | 4.97 | 10.17 | NLPH | 2,590g | 363 | --- | <0.50 | 1.20 | 0.5 | 1.4 | 2.5 |
| MW14 | 08/01/05 | 15.14 | 5.31 | 9.83 | NLPH | 2,690g | 280 | --- | <0.50 | 0.90 | <0.5 | 0.9 | 1.8 |
| MW14 | 10/25/05 | 15.14 | 5.16 | 9.98 | NLPH | 5,410g | 342 | --- | <0.500 | 0.82 | <0.50 | <0.50 | 1.98 |
| MW14 | 01/24/06 | 15.14 | 5.40 | 9.74 | NLPH | 440g | 290 | --- | <0.50 | 1.4 | <0.50 | 1.9 | <0.50 |
| MW15 | 01/20/94 | 13.73 | 7.48 | 6.25 | NLPH | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 02/02/94 | 13.73 | 7.30 | 6.43 | NLPH | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 02/03/94 | 13.73 | --- | --- | --- | 1,200 | 4,300 | --- | --- | 24 | 6.7 | 170 | 26 |
| MW15 | 03/10/94 | 13.73 | 7.32 | 6.41 | NLPH | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 04/22/94 | 13.73 | 6.67 | 7.06 | NLPH | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 05/10/94 | 13.73 | 5.81 | 7.92 | NLPH | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 05/11/94 | 13.73 | --- | --- | --- | 1,400 | 3,900 | --- | --- | 16 | <0.5 | 150 | 13 |
| MW15 | 06/27/94 | 13.73 | 6.14 | 7.59 | NLPH | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 08/31/94 | 13.73 | 7.20 | 6.53 | NLPH | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 09/29/94 | 13.73 | 7.76 | 5.97 | NLPH | 420 | 2,500 | --- | --- | 51 | 15 | 48 | 3.6 |

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California
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| | | |
|------------|---|--|
| Notes: | = | |
| SUBJ | = | Results of subjective evaluation, liquid-phase hydrocarbon thickness in feet. |
| NLPH | = | No liquid-phase hydrocarbons present in well. |
| TOC | = | Top of well casing elevation; datum is mean sea level. |
| DTW | = | Depth to water. |
| GW Elev. | = | Groundwater elevation; datum is mean sea level. If liquid-phase hydrocarbons present, elevation adjusted using TOC - [DTW - (PT x 0.8)]. |
| [] | = | Amount recovered. |
| TPHd | = | Total petroleum hydrocarbons as diesel analyzed using EPA Method 3510/8015 (modified). |
| TPHg | = | Total petroleum hydrocarbons as gasoline analyzed using EPA Method 5030/8015 (modified). |
| MTBE 8021B | = | Methyl tertiary butyl ether analyzed using EPA Method 8021B. |
| MTBE 8260B | = | Methyl tertiary butyl ether analyzed using EPA Method 8260B. |
| BTEX | = | Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B. |
| TOG | = | Total oil and grease analyzed using Standard Method 5520. |
| EHCss | = | Extractable hydrocarbons as stoddard solvent analyzed using EPA Method 8015. |
| EDB | = | 1,2-dibromoethane analyzed using EPA Method 8260B. |
| 1,2-DCA | = | 1,2-dichloroethane analyzed using EPA Method 8260B. |
| TAME | = | Tertiary amyl methyl ether analyzed using EPA Method 8260B. |
| TBA | = | Tertiary butyl alcohol analyzed using EPA Method 8260B. |
| ETBE | = | Ethyl tertiary butyl ether analyzed using EPA Method 8260B. |
| DIPE | = | Di-isopropyl ether analyzed using EPA Method 8260B. |
| µg/L | = | Micrograms per liter. |
| fbgs | = | Feet below ground surface. |
| -- | = | Not measured/Not sampled/Not analyzed. |
| < | = | Less than the indicated reporting limit shown by the laboratory. |
| a | = | A peak eluting earlier than benzene, suspected to be MTBE, was present. |
| b | = | Sample containers broken in transit. |
| c | = | Chromatogram pattern: unidentified hydrocarbons C6 - C12. |
| d | = | Chromatogram pattern: weathered gasoline C6 - C12. |
| e | = | Chromatogram pattern: weathered diesel C9 - C24 and unidentified hydrocarbons C9 - C36. |
| f | = | Chromatogram pattern: unidentified hydrocarbons C9 - C24. |
| g | = | Diesel result is not consistent with diesel fuel. |
| h | = | Well inaccessible. |
| i | = | TPHd note: Analyst notes samples resemble paint thinner more than Stoddard Solvent. |
| j | = | Analyte detected in trip blank and/or bailer blank; result is suspect. |
| k | = | Higher reported TPH concentrations in groundwater may be due to different laboratory quantitation procedures. |

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California
(Page 1 of 4)

| Well ID | Sampling Date | ETBE (µg/L) | TAME (µg/L) | TBA (µg/L) | EDB (µg/L) | 1,2-DCA (µg/L) | DIPE (µg/L) | Ethanol (µg/L) | EHCss (µg/L) | TOG (µg/L) |
|------------|---|-----------------|-----------------|----------------|-----------------|-----------------|-----------------|----------------|--------------|------------|
| MW1 | 01/20/94 - 06/19/96: Not analyzed for these analytes. | | | | | | | | | |
| MW1 | 06/19/96 | --- | --- | --- | --- | --- | --- | --- | <50 | --- |
| MW1 | 06/19/96 - 03/11/03: Not analyzed for these analytes. | | | | | | | | | |
| MW1 | 03/26/04 | <0.50 | <0.50 | <10.0 | <0.50 | 1.60 | <0.50 | --- | --- | --- |
| MW1 | 11/02/04 | <0.50 | <0.50 | <10.0 | <0.50 | 1.80 | <0.50 | --- | --- | --- |
| MW1 | 02/04/05 | <0.50 | <0.50 | <10.0 | <0.50 | 1.90 | <0.50 | --- | --- | --- |
| MW1 | 05/02/05 | <0.50 | <0.50 | <10.0 | <0.50 | 2.10 | <0.50 | <100 | --- | --- |
| MW1 | 08/01/05 | <0.50 | <0.50 | <10.0 | <0.50 | 2.00 | <0.50 | <100 | --- | --- |
| MW1 | 10/25/05 | <0.500 | <0.500 | 22.6 | <0.500 | 1.61 | <0.500 | --- | --- | --- |
| MW1 | 01/24/06 | <2.5 | <2.5 | <100 | <2.5 | <2.5 | <2.5 | <500 | --- | --- |
| MW2 | 01/20/94 - 03/27/04: Not analyzed for these analytes. | | | | | | | | | |
| MW2 | 03/27/04 | <0.50 | 2.90 | <10.0 | <0.50 | <0.50 | <0.50 | --- | --- | --- |
| MW2 | 11/02/04 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | --- | --- | --- |
| MW2 | 02/04/05 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | --- | --- | --- |
| MW2 | 05/02/05 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <100 | --- | --- |
| MW2 | 08/01/05 | <0.50 | <0.50 | <10.0 | <0.50 | 2.00 | <0.50 | <100 | --- | --- |
| MW2 | 10/25/05 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | --- | --- | --- |
| MW2 | 01/24/06 | <0.50 | <0.50 | 20 | <0.50 | <0.50 | <0.50 | <100 | --- | --- |
| MW3 | 01/20/94 - 03/26/04: Not analyzed for these analytes. | | | | | | | | | |
| MW3 | 03/26/04 | <0.50 | 2.60 | <10.0 | <0.50 | <0.50 | 0.60 | --- | --- | --- |
| MW3 | 11/02/04 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | 1.60 | --- | --- | --- |
| MW3 | 02/04/05 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | --- | --- | --- |
| MW3 | 05/02/05 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <100 | --- | --- |
| MW3 | 08/01/05 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <100 | --- | --- |
| MW3 | 10/25/05 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | --- | --- | --- |
| MW3 | 01/24/06 | <1.0 | <1.0 | <40 | <1.0 | <1.0 | <1.0 | <200 | --- | --- |
| MW4 | 01/20/94 - 03/26/04: Not analyzed for these analytes. | | | | | | | | | |
| MW4 | 03/30/01 - present Well covered by asphalt. | | | | | | | | | |
| MW5 | 07/18/89 | Well destroyed. | | | | | | | | |
| MW6 | 01/20/94 - 03/26/04: Not analyzed for these analytes. | | | | | | | | | |
| MW6 | 03/26/04 | <0.50 | <0.50 | 11.7 | <0.50 | 34.0 | <0.50 | --- | --- | --- |
| MW6 | 11/02/04 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | --- | --- | --- |
| MW6 | 02/04/05 | <0.50 | <0.50 | 54.3 | <0.50 | <0.50 | <0.50 | --- | --- | --- |
| MW6 | 05/02/05 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <100 | --- | --- |

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California
(Page 2 of 4)

| Well ID | Sampling Date | ETBE (µg/L) | TAME (µg/L) | TBA (µg/L) | EDB (µg/L) | 1,2-DCA (µg/L) | DIPE (µg/L) | Ethanol (µg/L) | EHCss (µg/L) | TOG (µg/L) |
|------------|---|-----------------|----------------|----------------|----------------|----------------|----------------|------------------|--------------|------------|
| MW6 | 08/01/05 | <0.50 | <0.50 | 29.2 | <0.50 | 15.3 | <0.50 | <100 | --- | --- |
| MW6 | 10/25/05 | <0.500 | <0.500 | 20.6 | <0.500 | <0.500 | <0.500 | --- | --- | --- |
| MW6 | 01/24/06 | <5.0 | <5.0 | <200 | <5.0 | <5.0 | <5.0 | <1,000 | --- | --- |
| MW7 | 01/20/94 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 02/03/94 | --- | --- | --- | --- | --- | --- | --- | --- | 470 |
| MW7 | 03/10/94 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 04/22/94 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 05/10-11/94 | --- | --- | --- | --- | --- | --- | --- | --- | 1,400 |
| MW7 | 11/94 - 02/06/95: Not analyzed for these analytes. | | | | | | | | | |
| MW7 | 02/06/95 | --- | --- | --- | --- | --- | --- | --- | 1,100 | --- |
| MW7 | 06/07/95 | --- | --- | --- | --- | --- | --- | --- | 1,000 | --- |
| MW7 | 09/18/95 | --- | --- | --- | --- | --- | --- | --- | 870 | --- |
| MW7 | 11/01/95 | --- | --- | --- | --- | --- | --- | --- | 1,400 | --- |
| MW7 | 02/14/96 | --- | --- | --- | --- | --- | --- | --- | 940 | --- |
| MW7 | 06/19/96 | --- | --- | --- | --- | --- | --- | --- | 1,000 | --- |
| MW7 | 09/24/96 | --- | --- | --- | --- | --- | --- | --- | 910 | --- |
| MW7 | 12/11/96 | --- | --- | --- | --- | --- | --- | --- | 1,100 | --- |
| MW7 | 03/19/97 | --- | --- | --- | --- | --- | --- | --- | 580 | --- |
| MW7 | 06/04/97 | --- | --- | --- | --- | --- | --- | --- | 780 | --- |
| MW7 | 09/02/97 | --- | --- | --- | --- | --- | --- | --- | 740 | --- |
| MW7 | 12/21/00 | Well destroyed. | | | | | | | | |
| MW8 | 01/20/94 - 03/21/00 Not analyzed for these analytes. | | | | | | | | | |
| MW8 | 12/21/00 | Well destroyed. | | | | | | | | |
| MW9 | 01/20/94 - 06/19/96: Not analyzed for these analytes. | | | | | | | | | |
| MW9 | 06/19/96 | --- | --- | --- | --- | --- | --- | --- | <50 | --- |
| MW9 | 06/19/96 - 12/21/00: Not analyzed for these analytes. | | | | | | | | | |
| MW9 | 12/21/00 | Well destroyed. | | | | | | | | |
| MW10 | 01/20/94 - 06/19/96: Not analyzed for these analytes. | | | | | | | | | |
| MW10 | 06/19/96 | --- | --- | --- | --- | --- | --- | --- | <50 | --- |
| MW10 | 06/19/96 - 12/21/00: Not analyzed for these analytes. | | | | | | | | | |
| MW10 | 12/21/00 | Well destroyed. | | | | | | | | |
| MW11 | 01/20/94 - 06/19/96: Not analyzed for these analytes. | | | | | | | | | |
| MW11 | 06/19/96 | --- | --- | --- | --- | --- | --- | --- | <50 | --- |
| MW11 | 06/19/96 - 12/21/00: Not analyzed for these analytes. | | | | | | | | | |
| MW11 | 12/21/00 | Well destroyed. | | | | | | | | |

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California
(Page 3 of 4)

| Well ID | Sampling Date | ETBE (µg/L) | TAME (µg/L) | TBA (µg/L) | EDB (µg/L) | 1,2-DCA (µg/L) | DIPE (µg/L) | Ethanol (µg/L) | EHCss (µg/L) | TOG (µg/L) |
|-------------|---|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|----------------|--------------|------------|
| MW 12 | 01/20/94 - 11/02/04: Not analyzed for these analytes. | | | | | | | | | |
| MW 12 | 03/30/01 - present Well covered by asphalt. | | | | | | | | | |
| MW 13 | 01/20/94 - 12/21/00: Not analyzed for these analytes. | | | | | | | | | |
| MW 13 | 12/21/00 Well destroyed. | | | | | | | | | |
| MW 14 | 01/20/94 - 02/06/95: Not analyzed for these analytes. | | | | | | | | | |
| MW 14 | 02/06/95 | --- | --- | --- | --- | --- | --- | --- | --- | 400 |
| MW 14 | 06/07/95 | --- | --- | --- | --- | --- | --- | --- | 450 | --- |
| MW 14 | 09/18/95 | --- | --- | --- | --- | --- | --- | --- | 1,200 | --- |
| MW 14 | 11/01/95 | --- | --- | --- | --- | --- | --- | --- | 1,600 | --- |
| MW 14 | 02/14/96 | --- | --- | --- | --- | --- | --- | --- | 680 | --- |
| MW 14 | 06/19/96 | --- | --- | --- | --- | --- | --- | --- | 670 | --- |
| MW 14 | 09/24/96 | --- | --- | --- | --- | --- | --- | --- | 4,500 | --- |
| MW 14 | 12/11/96 | --- | --- | --- | --- | --- | --- | --- | 750 | --- |
| MW 14 | 03/19/97 | --- | --- | --- | --- | --- | --- | --- | 470 | --- |
| MW 14 | 06/04/97 | --- | --- | --- | --- | --- | --- | --- | 590 | --- |
| MW 14 | 09/02/97 | --- | --- | --- | --- | --- | --- | --- | 1,300 | --- |
| MW 14 | 09/02/97 - 03/26/04: Not analyzed for these analytes. | | | | | | | | | |
| MW 14 | 03/26/04 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | --- | --- | --- |
| MW 14 | 11/02/04 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | --- | --- | --- |
| MW 14 | 02/04/05 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | --- | --- | --- |
| MW 14 | 05/02/05 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <100 | --- | --- |
| MW 14 | 08/01/05 | <0.50 | <0.50 | <10.0 | <0.50 | 1.90 | <0.50 | <100 | --- | --- |
| MW 14 | 10/25/05 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | --- | --- | --- |
| MW14 | 01/24/06 | <0.50 | <0.50 | <20 | <0.50 | <0.50 | <0.50 | <100 | --- | --- |
| MW 15 | 01/20/94 - 12/21/00: Not analyzed for these analytes. | | | | | | | | | |
| MW 15 | 12/21/00 Well destroyed. | | | | | | | | | |

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California
(Page 4 of 4)

| | | |
|------------|---|--|
| Notes: | | |
| SUBJ | = | Results of subjective evaluation, liquid-phase hydrocarbon thickness in feet. |
| NLPH | = | No liquid-phase hydrocarbons present in well. |
| TOC | = | Top of well casing elevation; datum is mean sea level. |
| DTW | = | Depth to water. |
| GW Elev. | = | Groundwater elevation; datum is mean sea level. If liquid-phase hydrocarbons present, elevation adjusted using TOC - [DTW - (PT x 0.8)]. |
| [] | = | Amount recovered. |
| TPHd | = | Total petroleum hydrocarbons as diesel analyzed using EPA Method 3510/8015 (modified). |
| TPHg | = | Total petroleum hydrocarbons as gasoline analyzed using EPA Method 5030/8015 (modified). |
| MTBE 8021B | = | Methyl tertiary butyl ether analyzed using EPA Method 8021B. |
| MTBE 8260B | = | Methyl tertiary butyl ether analyzed using EPA Method 8260B. |
| BTEX | = | Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B. |
| TOG | = | Total oil and grease analyzed using Standard Method 5520. |
| EHCss | = | Extractable hydrocarbons as stoddard solvent analyzed using EPA Method 8015. |
| EDB | = | 1,2-dibromoethane analyzed using EPA Method 8260B. |
| 1,2-DCA | = | 1,2-dichloroethane analyzed using EPA Method 8260B. |
| TAME | = | Tertiary amyl methyl ether analyzed using EPA Method 8260B. |
| TBA | = | Tertiary butyl alcohol analyzed using EPA Method 8260B. |
| ETBE | = | Ethyl tertiary butyl ether analyzed using EPA Method 8260B. |
| DIPE | = | Di-isopropyl ether analyzed using EPA Method 8260B. |
| µg/L | = | Micrograms per liter. |
| fbgs | = | Feet below ground surface. |
| --- | = | Not measured/Not sampled/Not analyzed. |
| < | = | Less than the indicated reporting limit shown by the laboratory. |
| a | = | A peak eluting earlier than benzene, suspected to be MTBE, was present. |
| b | = | Sample containers broken in transit. |
| c | = | Chromatogram pattern: unidentified hydrocarbons C6 - C12. |
| d | = | Chromatogram pattern: weathered gasoline C6 - C12. |
| e | = | Chromatogram pattern: weathered diesel C9 - C24 and unidentified hydrocarbons C9 - C36. |
| f | = | Chromatogram pattern: unidentified hydrocarbons C9 - C24. |
| g | = | Diesel result is not consistent with diesel fuel. |
| h | = | Well inaccessible. |
| i | = | TPHd note: Analyst notes samples resemble paint thinner more than Stoddard Solvent. |
| j | = | Analyte detected in trip blank and/or bailer blank; result is suspect. |
| k | = | Higher reported TPH concentrations in groundwater may be due to different laboratory quantitation procedures. |

TABLE 2
WELL CONSTRUCTION DETAILS
Former Exxon Service Station 7-3006
720 High Street
Oakland, California
(Page 1 of 2)

| Well ID | Date Well Installed | TOC Elevation (feet) | Borehole Diameter (inches) | Total Depth of Boring (fbgs) | Well Depth (fbgs) | Well Casing Diameter (inches) | Well Casing Material | Screened Interval (fbgs) | Slot Size (inches) | Filter Pack Interval (fbgs) | Filter Pack Material |
|---------|---------------------|----------------------|----------------------------|------------------------------|-------------------|-------------------------------|----------------------|--------------------------|--------------------|-----------------------------|----------------------|
| MW1 | 05/21/88 | 12.79 | NS | 29.0 | 29.0 | 4 | NS | 4.0-29.0 | NS | 2-29 | NS |
| MW2 | 09/10/87 | 13.06 | NS | 36.0 | 35.0 | 4 | NS | 10.0-35.0 | NS | 8-36 | NS |
| MW3 | 09/10/87 | 13.71 | NS | 36.0 | 35.0 | 4 | NS | 10.0-35.0 | NS | 8-36 | NS |
| MW4 | 09/10/87 | 12.77 | NS | 36.0 | 35.0 | 4 | NS | 10.0-35.0 | NS | 8-36 | NS |
| MW5 | Well destroyed | | | | | | | | | | |
| MW6 | 09/10/87 | 14.23 | NS | 36.0 | 35.0 | 4 | NS | 10.0-35.0 | NS | 8-36 | NS |
| MW7 | Well destroyed | | | | | | | | | | |
| MW8 | Well destroyed | | | | | | | | | | |
| MW9 | Well destroyed | | | | | | | | | | |
| MW10 | Well destroyed | | | | | | | | | | |
| MW11 | Well destroyed | | | | | | | | | | |
| MW12 | 11/27/89 | 12.61 | 10 | 15.5 | 15.5 | 4 | PVC | 5.0-15.0 | 0.010 | 4-15.5 | NS |
| MW13 | Well destroyed | | | | | | | | | | |
| MW14 | 10/31/90 | 15.14 | 10 | 18.5 | 17.0 | 4 | PVC | 7.0-17.0 | 0.010 | 5.5-17 | NS |
| MW15 | Well destroyed. | | | | | | | | | | |
| VW1 | Well destroyed. | | | | | | | | | | |
| VW2 | Well destroyed. | | | | | | | | | | |
| VW3 | Well destroyed. | | | | | | | | | | |

TABLE 2
WELL CONSTRUCTION DETAILS
Former Exxon Service Station 7-3006
720 High Street
Oakland, California
(Page 2 of 2)

| Well ID | Date Well Installed | TOC Elevation (feet) | Borehole Diameter (inches) | Total Depth of Boring (fbgs) | Well Depth (fbgs) | Well Casing Diameter (inches) | Well Casing Material | Screened Interval (fbgs) | Slot Size (inches) | Filter Pack Interval (fbgs) | Filter Pack Material |
|---------|----------------------------|----------------------|----------------------------|------------------------------|-------------------|-------------------------------|----------------------|--------------------------|--------------------|-----------------------------|----------------------|
| AS1 | Information not available. | | | | | | | | | | |
| AS2 | Information not available. | | | | | | | | | | |
| AS3 | Information not available. | | | | | | | | | | |
| AS4 | Information not available. | | | | | | | | | | |
| AS5 | Information not available. | | | | | | | | | | |
| AS6 | Information not available. | | | | | | | | | | |
| RW1 | April 1994 | NS | NS | 16.88 | NS | 6 | NS | --- | NS | NS | NS |
| RW2 | April 1994 | NS | NS | 16.82 | NS | 6 | NS | --- | NS | NS | NS |
| RW3 | April 1994 | NS | NS | 16.72 | NS | 6 | NS | --- | NS | NS | NS |
| RW4 | April 1994 | NS | NS | 17.18 | NS | 6 | NS | --- | NS | NS | NS |
| RW5 | Well destroyed. | | | | | | | | | | |
| RW6 | Well destroyed. | | | | | | | | | | |
| RW7 | Well destroyed. | | | | | | | | | | |

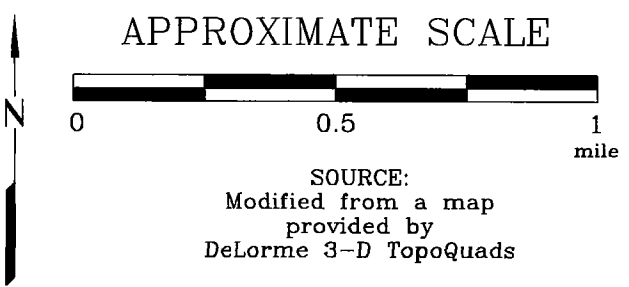
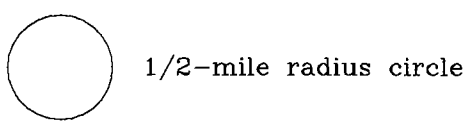
Notes:
TOC = Top of well casing elevation; datum is mean sea level.
fbgs = Feet below ground surface.
NS = Not specified.



3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04095 Source Data: USGS 654 ft Scale: 1" = 19,200' Detail: 13-0 Datum: WGS84

FN 2010

EXPLANATION

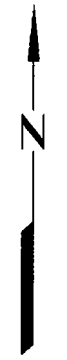
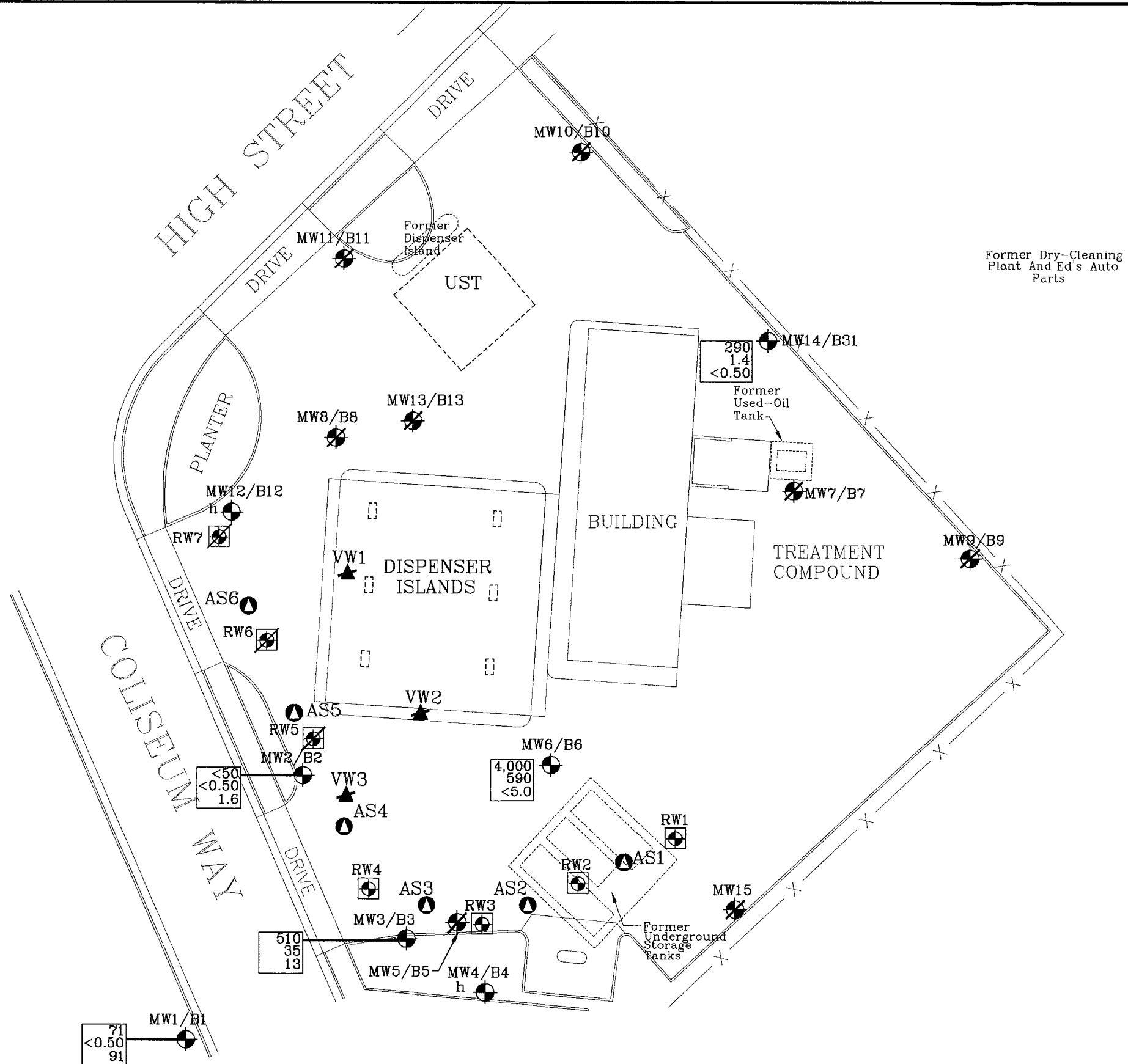


SITE VICINITY MAP
FORMER EXXON SERVICE STATION 7-3006
720 High Street
Oakland, California

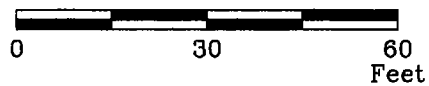
PROJECT NO.
2010
PLATE
1

Analyte Concentrations in ug/L
 Sampled January 24, 2006

- 4,000 Total Petroleum Hydrocarbons as gasoline
- 590 Benzene
- <5.0 Methyl Tertiary Butyl Ether (EPA Method 8260B)
- < Less Than the Stated Laboratory Reporting Limit
- ug/L Micrograms per Liter
- h Well inaccessible.



APPROXIMATE SCALE



FN 20100004_QM

SOURCE:
 Modified from a map
 provided by
 Morrow Surveying



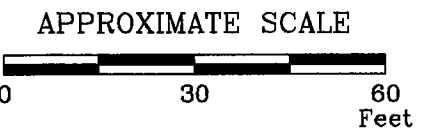
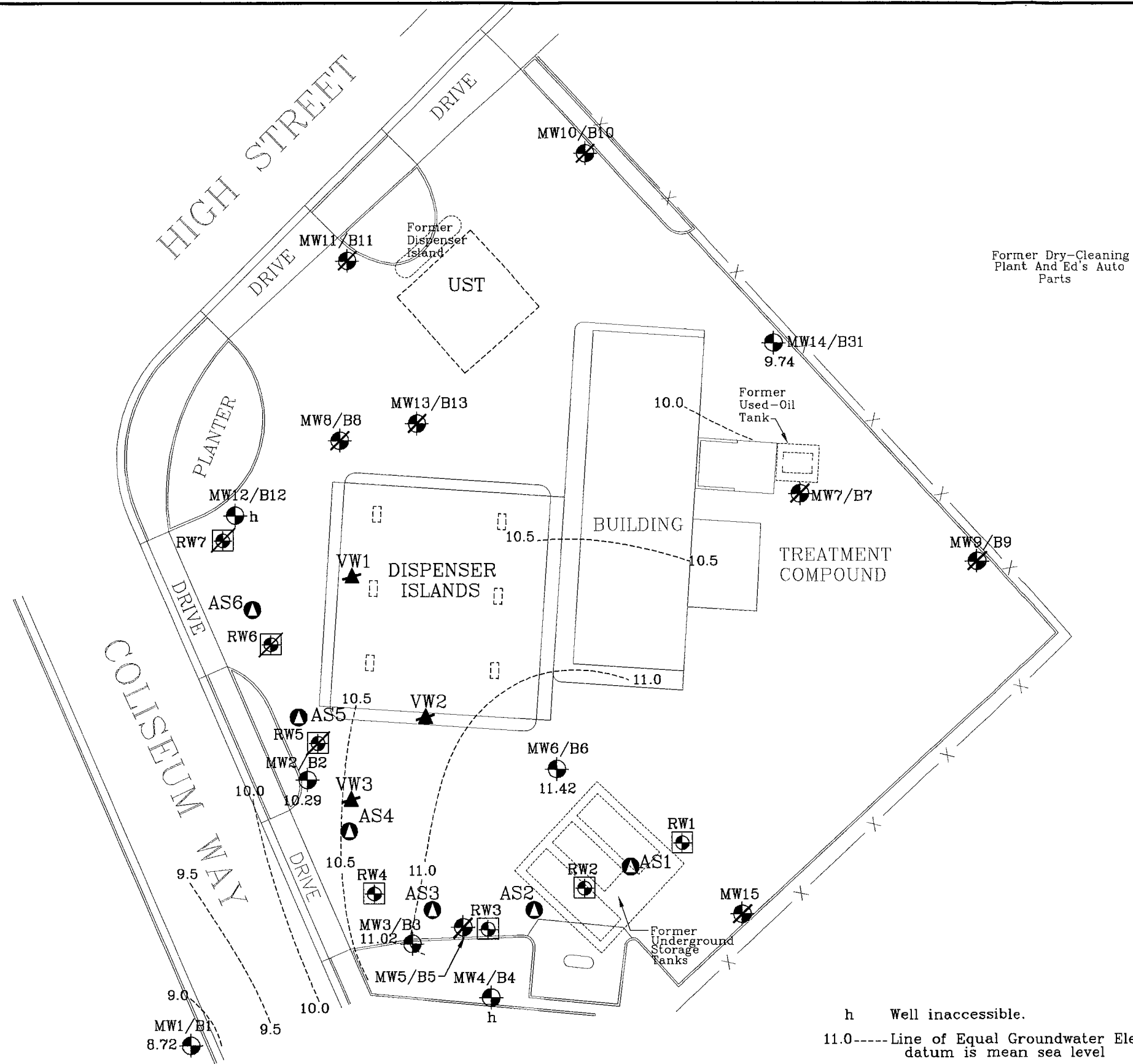
SELECT ANALYTICAL RESULTS
January 24, 2006
 FORMER
 EXXON SERVICE STATION 7-3006
 720 High Street
 Oakland, California

EXPLANATION

- MW14 Groundwater Monitoring Well
- RW4 Recovery Well
- AS6 Air Sparge Well

- VW3 Destroyed Soil Vapor Extraction Well
- RW7 Destroyed Recovery Well
- MW15 Destroyed Groundwater Monitoring Well

PROJECT NO.
 2010
PLATE
 2



FN 20100004_QM

h Well inaccessible.
 11.0-----Line of Equal Groundwater Elevation;
 datum is mean sea level

SOURCE:
 Modified from a map
 provided by
 Morrow Surveying



GROUNDWATER ELEVATION MAP
January 24, 2006
 FORMER
 EXXON SERVICE STATION 7-3006
 720 High Street
 Oakland, California

EXPLANATION

- MW14
 Groundwater Monitoring Well
 9.74 Groundwater elevation in feet;
 datum is mean sea level
- RW4
 Recovery Well
- AS6
 Air Sparge Well

- VW3
 Destroyed Soil Vapor
 Extraction Well
- RW7
 Destroyed Recovery Well
- MW15
 Destroyed Groundwater
 Monitoring Well

PROJECT NO.
 2010
PLATE
 3

ATTACHMENT A
GROUNDWATER SAMPLING PROTOCOL

GROUNDWATER SAMPLING PROTOCOL

The static water level and separate-phase product level, if present, in each well that contained water and/or separate-phase product are measured with an ORS Interface Probe, which is accurate to the nearest 0.01 foot. To calculate groundwater elevations and evaluate groundwater gradient, depth to water (DTW) levels are subtracted from top of casing elevations.

Groundwater samples collected for subjective evaluation are collected by gently lowering approximately half the length of a clean Teflon® or polypropylene bailer past the air-water interface (if possible) and collecting a sample from near the surface of the water in the well. The samples are checked for measurable free-phase hydrocarbons or sheen. If appropriate, free-phase hydrocarbons are removed from the well.

Before water samples are collected from the groundwater monitoring wells, the wells are purged until a minimum of three well casing volumes is purged and stabilization of the temperature, pH, and conductivity is obtained. Water samples from the wells that do not obtain stability of the temperature, pH, and conductivity are considered to be "grab samples." The quantity of water purged from each well is calculated as follows:

1 well casing volume = $\pi r^2 h(7.48)$ where:

| | | |
|-------|---|---|
| r | = | radius of the well casing in feet. |
| h | = | column of water in the well in feet (depth to bottom - depth to water) |
| 7.48 | = | conversion constant from cubic feet to gallons |
| π | = | ratio of the circumference of a circle to its diameter |

Gallons of water purged/gallons in 1 well casing volume = well casing volumes removed.

After purging, each well is allowed to recharge to at least 80% of the initial water level. Water samples from wells that do not recover at least 80% (due to slow recharging of the well) between purging and sampling are considered to be "grab samples." Water samples are collected with a new, disposable Teflon® or polypropylene bailer. The groundwater is carefully poured into selected sample containers (40-milliliter [ml] glass vials, 1,000-ml glass amber bottles, etc.), which are filled so as to produce a positive meniscus.

Depending on the required analysis, each sample container is preserved with hydrochloric acid, nitric acid, etc., or it is preservative free. The type of preservative used for each sample is specified on the Chain-of-Custody form.

Each vial and glass amber bottle is sealed with a cap containing a Teflon® septum, and subsequently examined for air bubbles to avoid headspace, which would allow volatilization to occur. The samples are promptly transported in iced storage in a thermally-insulated ice chest, accompanied by a Chain-of-Custody record, to a California state-certified laboratory.

ATTACHMENT B

**LABORATORY ANALYTICAL REPORT
AND CHAIN-OF-CUSTODY RECORD**



7 February, 2006

Paula Sime
Environmental Resolutions (Exxon)
601 North McDowell Blvd.
Petaluma, CA 94954

RE: Exxon 7-3006
Work Order: MPA1260

Enclosed are the results of analyses for samples received by the laboratory on 01/26/06 08:30. The samples arrived at a temperature of 4° C. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Leticia Reyes
Project Manager

CA ELAP Certificate #1210

Environmental Resolutions (Exxon)
601 North McDowell Blvd.
Petaluma CA, 94954

Project: Exxon 7-3006
Project Number: 7-3006
Project Manager: Paula Sime

MPA1260
Reported:
02/07/06 16:39

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| MW1 | MPA1260-01 | Water | 01/24/06 13:40 | 01/26/06 08:30 |
| MW2 | MPA1260-02 | Water | 01/24/06 14:14 | 01/26/06 08:30 |
| MW3 | MPA1260-03 | Water | 01/24/06 14:50 | 01/26/06 08:30 |
| MW6 | MPA1260-04 | Water | 01/24/06 14:30 | 01/26/06 08:30 |
| MW14 | MPA1260-05 | Water | 01/24/06 13:56 | 01/26/06 08:30 |
| QCBB | MPA1260-06 | Water | 01/24/06 15:20 | 01/26/06 08:30 |

Environmental Resolutions (Exxon)
 601 North McDowell Blvd.
 Petaluma CA, 94954

 Project: Exxon 7-3006
 Project Number: 7-3006
 Project Manager: Paula Sime

 MPA1260
 Reported:
 02/07/06 16:39

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B
Sequoia Analytical - Morgan Hill

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--|------------|--------------------|---------------|----------|----------------|-----------------|-----------------|----------------------------|--------------|
| MW1 (MPA1260-01) Water Sampled: 01/24/06 13:40 Received: 01/26/06 08:30 | | | | | | | | | |
| Gasoline Range Organics (C4-C12) | 71 | 50 | ug/l | 1 | 6A30012 | 01/30/06 | 01/30/06 | EPA 8015B/8021B | HC-11 |
| Benzene | ND | 0.50 | " | " | " | " | " | " | |
| Toluene | ND | 0.50 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.50 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.50 | " | " | " | " | " | " | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | | <i>112 %</i> | <i>80-120</i> | | <i>"</i> | <i>"</i> | <i>"</i> | <i>"</i> | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | <i>103 %</i> | <i>80-120</i> | | <i>"</i> | <i>"</i> | <i>"</i> | <i>"</i> | |
| MW2 (MPA1260-02) Water Sampled: 01/24/06 14:14 Received: 01/26/06 08:30 | | | | | | | | | |
| Gasoline Range Organics (C4-C12) | ND | 50 | ug/l | 1 | 6A28003 | 01/28/06 | 01/28/06 | EPA 8015B/8021B | |
| Benzene | ND | 0.50 | " | " | " | " | " | " | |
| Toluene | ND | 0.50 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.50 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.50 | " | " | " | " | " | " | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | | <i>110 %</i> | <i>80-120</i> | | <i>"</i> | <i>"</i> | <i>"</i> | <i>"</i> | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | <i>103 %</i> | <i>80-120</i> | | <i>"</i> | <i>"</i> | <i>"</i> | <i>"</i> | |
| MW3 (MPA1260-03) Water Sampled: 01/24/06 14:50 Received: 01/26/06 08:30 | | | | | | | | | |
| Gasoline Range Organics (C4-C12) | 510 | 100 | ug/l | 2 | 6A28003 | 01/28/06 | 01/28/06 | EPA 8015B/8021B | |
| Benzene | 35 | 1.0 | " | " | " | " | " | " | |
| Toluene | ND | 1.0 | " | " | " | " | " | " | |
| Ethylbenzene | 2.1 | 1.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 1.0 | " | " | " | " | " | " | CF1 |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | | <i>106 %</i> | <i>80-120</i> | | <i>"</i> | <i>"</i> | <i>"</i> | <i>"</i> | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | <i>103 %</i> | <i>80-120</i> | | <i>"</i> | <i>"</i> | <i>"</i> | <i>"</i> | |

Environmental Resolutions (Exxon)
 601 North McDowell Blvd.
 Petaluma CA, 94954

 Project: Exxon 7-3006
 Project Number: 7-3006
 Project Manager: Paula Sime

 MPA1260
 Reported:
 02/07/06 16:39

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B
Sequoia Analytical - Morgan Hill

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|-------------|--------------------|-------|---------------|---------|----------|----------|--------------------|-------|
| MW6 (MPA1260-04) Water Sampled: 01/24/06 14:30 Received: 01/26/06 08:30 | | | | | | | | | |
| Gasoline Range Organics (C4-C12) | 4000 | 2500 | ug/l | 50 | 6A28003 | 01/28/06 | 01/28/06 | EPA 8015B/8021B | |
| Benzene | 590 | 25 | " | " | " | " | " | " | |
| Toluene | ND | 25 | " | " | " | " | " | " | |
| Ethylbenzene | 51 | 25 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 25 | " | " | " | " | " | " | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | | <i>109 %</i> | | <i>80-120</i> | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | <i>96 %</i> | | <i>80-120</i> | " | " | " | " | |
| MW14 (MPA1260-05) Water Sampled: 01/24/06 13:56 Received: 01/26/06 08:30 | | | | | | | | | |
| Gasoline Range Organics (C4-C12) | 290 | 50 | ug/l | 1 | 6A28003 | 01/28/06 | 01/28/06 | EPA 8015B/8021B | |
| Benzene | 1.4 | 0.50 | " | " | " | " | " | " | CF1 |
| Toluene | ND | 0.50 | " | " | " | " | " | " | |
| Ethylbenzene | 1.9 | 0.50 | " | " | " | " | " | " | CF1 |
| Xylenes (total) | ND | 0.50 | " | " | " | " | " | " | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | | <i>110 %</i> | | <i>80-120</i> | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | <i>118 %</i> | | <i>80-120</i> | " | " | " | " | |

Environmental Resolutions (Exxon)
 601 North McDowell Blvd.
 Petaluma CA, 94954

 Project: Exxon 7-3006
 Project Number: 7-3006
 Project Manager: Paula Sime

 MPA1260
 Reported:
 02/07/06 16:39

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B
Sequoia Analytical - Morgan Hill

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------|-----------------|--------|----------|---------|----------|----------|-------------------|-------|
| MW1 (MPA1260-01) Water Sampled: 01/24/06 13:40 Received: 01/26/06 08:30 | | | | | | | | | |
| Diesel Range Organics (C10-C28) | ND | 50 | ug/l | 1 | 6A31003 | 01/31/06 | 01/31/06 | EPA 8015B-SVOA | |
| Surrogate: <i>n</i> -Octacosane | | 80 % | 34-123 | | " | " | " | " | |
| MW2 (MPA1260-02) Water Sampled: 01/24/06 14:14 Received: 01/26/06 08:30 | | | | | | | | | |
| Diesel Range Organics (C10-C28) | 170 | 50 | ug/l | 1 | 6A31003 | 01/31/06 | 02/01/06 | EPA 8015B-SVOA | HC-12 |
| Surrogate: <i>n</i> -Octacosane | | 81 % | 34-123 | | " | " | " | " | |
| MW3 (MPA1260-03) Water Sampled: 01/24/06 14:50 Received: 01/26/06 08:30 | | | | | | | | | |
| Diesel Range Organics (C10-C28) | 2200 | 500 | ug/l | 10 | 6A31003 | 01/31/06 | 01/31/06 | EPA 8015B-SVOA | HC-12 |
| Surrogate: <i>n</i> -Octacosane | | 96 % | 34-123 | | " | " | " | " | |
| MW6 (MPA1260-04) Water Sampled: 01/24/06 14:30 Received: 01/26/06 08:30 | | | | | | | | | |
| Diesel Range Organics (C10-C28) | 570 | 50 | ug/l | 1 | 6A31003 | 01/31/06 | 01/31/06 | EPA 8015B-SVOA | HC-12 |
| Surrogate: <i>n</i> -Octacosane | | 90 % | 34-123 | | " | " | " | " | |
| MW14 (MPA1260-05) Water Sampled: 01/24/06 13:56 Received: 01/26/06 08:30 | | | | | | | | | |
| Diesel Range Organics (C10-C28) | 440 | 50 | ug/l | 1 | 6A31003 | 01/31/06 | 01/31/06 | EPA 8015B-SVOA | HC-12 |
| Surrogate: <i>n</i> -Octacosane | | 93 % | 34-123 | | " | " | " | " | |

Environmental Resolutions (Exxon)
 601 North McDowell Blvd.
 Petaluma CA, 94954

 Project: Exxon 7-3006
 Project Number: 7-3006
 Project Manager: Paula Sime

 MPA1260
 Reported:
 02/07/06 16:39

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--|------------|--------------------|---------------|----------|---------|----------|----------|-----------|-------|
| MW1 (MPA1260-01) Water Sampled: 01/24/06 13:40 Received: 01/26/06 08:30 | | | | | | | | | |
| tert-Amyl methyl ether | ND | 2.5 | ug/l | 5 | 6B06006 | 02/06/06 | 02/06/06 | EPA 8260B | |
| tert-Butyl alcohol | ND | 100 | " | " | " | " | " | " | |
| Di-isopropyl ether | ND | 2.5 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 2.5 | " | " | " | " | " | " | |
| 1,2-Dichloroethane | ND | 2.5 | " | " | " | " | " | " | |
| Ethanol | ND | 500 | " | " | " | " | " | " | |
| Ethyl tert-butyl ether | ND | 2.5 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | 91 | 2.5 | " | " | " | " | " | " | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | | <i>105 %</i> | <i>60-135</i> | | " | " | " | " | |
| MW2 (MPA1260-02) Water Sampled: 01/24/06 14:14 Received: 01/26/06 08:30 | | | | | | | | | |
| tert-Amyl methyl ether | ND | 0.50 | ug/l | 1 | 6B06006 | 02/06/06 | 02/06/06 | EPA 8260B | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| Di-isopropyl ether | ND | 0.50 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | " | " | " | " | " | " | |
| 1,2-Dichloroethane | ND | 0.50 | " | " | " | " | " | " | |
| Ethanol | ND | 100 | " | " | " | " | " | " | |
| Ethyl tert-butyl ether | ND | 0.50 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | 1.6 | 0.50 | " | " | " | " | " | " | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | | <i>95 %</i> | <i>60-135</i> | | " | " | " | " | |
| MW3 (MPA1260-03) Water Sampled: 01/24/06 14:50 Received: 01/26/06 08:30 | | | | | | | | | |
| tert-Amyl methyl ether | ND | 1.0 | ug/l | 2 | 6B06006 | 02/06/06 | 02/06/06 | EPA 8260B | |
| tert-Butyl alcohol | ND | 40 | " | " | " | " | " | " | |
| Di-isopropyl ether | ND | 1.0 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | " | " | " | " | " | " | |
| 1,2-Dichloroethane | ND | 1.0 | " | " | " | " | " | " | |
| Ethanol | ND | 200 | " | " | " | " | " | " | |
| Ethyl tert-butyl ether | ND | 1.0 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | 13 | 1.0 | " | " | " | " | " | " | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | | <i>103 %</i> | <i>60-135</i> | | " | " | " | " | |

Environmental Resolutions (Exxon)
 601 North McDowell Blvd.
 Petaluma CA, 94954

 Project: Exxon 7-3006
 Project Number: 7-3006
 Project Manager: Paula Sime

 MPA1260
 Reported:
 02/07/06 16:39

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------|--------------------|--------|----------|---------|----------|----------|-----------|-------|
| MW6 (MPA1260-04) Water Sampled: 01/24/06 14:30 Received: 01/26/06 08:30 | | | | | | | | | |
| tert-Amyl methyl ether | ND | 5.0 | ug/l | 10 | 6B06006 | 02/06/06 | 02/06/06 | EPA 8260B | |
| tert-Butyl alcohol | ND | 200 | " | " | " | " | " | " | |
| Di-isopropyl ether | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| Ethanol | ND | 1000 | " | " | " | " | " | " | |
| Ethyl tert-butyl ether | ND | 5.0 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 5.0 | " | " | " | " | " | " | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | | 101 % | 60-135 | " | " | " | " | " | |
| MW14 (MPA1260-05) Water Sampled: 01/24/06 13:56 Received: 01/26/06 08:30 | | | | | | | | | |
| tert-Amyl methyl ether | ND | 0.50 | ug/l | 1 | 6B06006 | 02/06/06 | 02/06/06 | EPA 8260B | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| Di-isopropyl ether | ND | 0.50 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | " | " | " | " | " | " | |
| 1,2-Dichloroethane | ND | 0.50 | " | " | " | " | " | " | |
| Ethanol | ND | 100 | " | " | " | " | " | " | |
| Ethyl tert-butyl ether | ND | 0.50 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 0.50 | " | " | " | " | " | " | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | | 95 % | 60-135 | " | " | " | " | " | |

| | | |
|---|--|--|
| Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954 | Project: Exxon 7-3006 Project Number: 7-3006 Project Manager: Paula Sime | MPA1260 Reported: 02/07/06 16:39 |
|---|--|--|

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control
Sequoia Analytical - Morgan Hill

| Analyte | Result | Evaluation Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|---------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|---------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

Batch 6A28003 - EPA 5030B [P/T]
Blank (6A28003-BLK1)

Prepared & Analyzed: 01/28/06

| | | | | | | | | | | |
|--|------|------|------|------|--|-----|--------|--|--|--|
| Gasoline Range Organics (C4-C12) | ND | 25 | ug/l | | | | | | | |
| Benzene | ND | 0.25 | " | | | | | | | |
| Toluene | ND | 0.25 | " | | | | | | | |
| Ethylbenzene | ND | 0.25 | " | | | | | | | |
| Xylenes (total) | ND | 0.25 | " | | | | | | | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | 87.8 | | " | 80.0 | | 110 | 80-120 | | | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | 78.2 | | " | 80.0 | | 98 | 80-120 | | | |

LCS (6A28003-BS1)

Prepared & Analyzed: 01/28/06

| | | | | | | | | | | |
|--|------|----|------|------|--|-----|--------|--|--|--|
| Gasoline Range Organics (C4-C12) | 200 | 50 | ug/l | 275 | | 73 | 55-130 | | | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | 79.6 | | " | 80.0 | | 100 | 80-120 | | | |

LCS (6A28003-BS2)

Prepared & Analyzed: 01/28/06

| | | | | | | | | | | |
|--|------|------|------|------|--|-----|--------|--|--|--|
| Benzene | 10.3 | 0.50 | ug/l | 10.0 | | 103 | 75-150 | | | |
| Toluene | 10.1 | 0.50 | " | 10.0 | | 101 | 80-115 | | | |
| Ethylbenzene | 10.3 | 0.50 | " | 10.0 | | 103 | 75-115 | | | |
| Xylenes (total) | 31.0 | 0.50 | " | 30.0 | | 103 | 75-115 | | | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | 89.4 | | " | 80.0 | | 112 | 80-120 | | | |

Matrix Spike (6A28003-MS1)

Source: MPA1386-02

Prepared & Analyzed: 01/28/06

| | | | | | | | | | | |
|--|------|------|------|------|----|-----|--------|--|--|--|
| Gasoline Range Organics (C4-C12) | 182 | 50 | ug/l | 275 | ND | 66 | 55-130 | | | |
| Benzene | 3.62 | 0.50 | " | 4.10 | ND | 88 | 75-150 | | | |
| Toluene | 18.7 | 0.50 | " | 20.7 | ND | 90 | 80-115 | | | |
| Ethylbenzene | 3.72 | 0.50 | " | 4.85 | ND | 77 | 75-115 | | | |
| Xylenes (total) | 21.7 | 0.50 | " | 23.8 | ND | 91 | 75-115 | | | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | 82.4 | | " | 80.0 | | 103 | 80-120 | | | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | 79.2 | | " | 80.0 | | 99 | 80-120 | | | |

Environmental Resolutions (Exxon)
601 North McDowell Blvd.
Petaluma CA, 94954

Project: Exxon 7-3006
Project Number: 7-3006
Project Manager: Paula Sime

MPA1260
Reported:
02/07/06 16:39

**Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control
Sequoia Analytical - Morgan Hill**

| Analyte | Result | Evaluation Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|--|-------|----------------|--|------|----------------|-----|--------------|-------|
| Batch 6A28003 - EPA 5030B [P/T] | | | | | | | | | | |
| Matrix Spike Dup (6A28003-MSD1) | | Source: MPA1386-02 | | | Prepared & Analyzed: 01/28/06 | | | | | |
| Gasoline Range Organics (C4-C12) | 177 | 50 | ug/l | 275 | ND | 64 | 55-130 | 3 | 35 | |
| Benzene | 3.78 | 0.50 | " | 4.10 | ND | 92 | 75-150 | 4 | 25 | |
| Toluene | 17.7 | 0.50 | " | 20.7 | ND | 86 | 80-115 | 5 | 25 | |
| Ethylbenzene | 3.49 | 0.50 | " | 4.85 | ND | 72 | 75-115 | 6 | 25 | QM02 |
| Xylenes (total) | 20.5 | 0.50 | " | 23.8 | ND | 86 | 75-115 | 6 | 25 | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | 80.2 | | " | 80.0 | | 100 | 80-120 | | | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | 79.2 | | " | 80.0 | | 99 | 80-120 | | | |
| Batch 6A30012 - EPA 5030B [P/T] | | | | | | | | | | |
| Blank (6A30012-BLK1) | | Prepared & Analyzed: 01/30/06 | | | | | | | | |
| Gasoline Range Organics (C4-C12) | ND | 25 | ug/l | | | | | | | |
| Benzene | ND | 0.25 | " | | | | | | | |
| Toluene | ND | 0.25 | " | | | | | | | |
| Ethylbenzene | ND | 0.25 | " | | | | | | | |
| Xylenes (total) | ND | 0.25 | " | | | | | | | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | 88.1 | | " | 80.0 | | 110 | 80-120 | | | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | 79.2 | | " | 80.0 | | 99 | 80-120 | | | |
| LCS (6A30012-BS1) | | Prepared & Analyzed: 01/30/06 | | | | | | | | |
| Gasoline Range Organics (C4-C12) | 195 | 50 | ug/l | 275 | | 71 | 55-130 | | | |
| Benzene | 4.01 | 0.50 | " | 4.10 | | 98 | 75-150 | | | |
| Toluene | 20.9 | 0.50 | " | 20.7 | | 101 | 80-115 | | | |
| Ethylbenzene | 4.18 | 0.50 | " | 4.85 | | 86 | 75-115 | | | |
| Xylenes (total) | 24.1 | 0.50 | " | 23.8 | | 101 | 75-115 | | | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | 84.3 | | " | 80.0 | | 105 | 80-120 | | | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | 78.1 | | " | 80.0 | | 98 | 80-120 | | | |

| | | |
|---|--|---|
| Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954 | Project: Exxon 7-3006 Project Number: 7-3006 Project Manager: Paula Sime | MPA1260 Reported: 02/07/06 16:39 |
|---|--|---|

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control
Sequoia Analytical - Morgan Hill

| Analyte | Result | Evaluation Limit | Units | Spike Level | Source Result | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|---------------------|-------|----------------|------------------|----------------|-----|--------------|-------|
|---------|--------|---------------------|-------|----------------|------------------|----------------|-----|--------------|-------|

Batch 6A30012 - EPA 5030B [P/T]

| Matrix Spike (6A30012-MS1) | | Source: MPA1209-08 | | | Prepared & Analyzed: 01/30/06 | | | | | |
|--|------|---------------------------|------|------|--|-----|--------|----|----|--|
| Gasoline Range Organics (C4-C12) | 205 | 50 | ug/l | 275 | ND | 75 | 55-130 | | | |
| Benzene | 4.26 | 0.50 | " | 4.10 | ND | 104 | 75-150 | | | |
| Toluene | 18.6 | 0.50 | " | 20.7 | ND | 90 | 80-115 | | | |
| Ethylbenzene | 3.69 | 0.50 | " | 4.85 | ND | 76 | 75-115 | | | |
| Xylenes (total) | 21.3 | 0.50 | " | 23.8 | ND | 89 | 75-115 | | | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | 74.7 | | " | 80.0 | | 93 | 80-120 | | | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | 79.0 | | " | 80.0 | | 99 | 80-120 | | | |
| Matrix Spike Dup (6A30012-MSD1) | | Source: MPA1209-08 | | | Prepared & Analyzed: 01/30/06 | | | | | |
| Gasoline Range Organics (C4-C12) | 186 | 50 | ug/l | 275 | ND | 68 | 55-130 | 10 | 35 | |
| Benzene | 3.84 | 0.50 | " | 4.10 | ND | 94 | 75-150 | 10 | 25 | |
| Toluene | 19.2 | 0.50 | " | 20.7 | ND | 93 | 80-115 | 3 | 25 | |
| Ethylbenzene | 3.87 | 0.50 | " | 4.85 | ND | 80 | 75-115 | 5 | 25 | |
| Xylenes (total) | 22.6 | 0.50 | " | 23.8 | ND | 95 | 75-115 | 6 | 25 | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | 85.3 | | " | 80.0 | | 107 | 80-120 | | | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | 78.2 | | " | 80.0 | | 98 | 80-120 | | | |

Environmental Resolutions (Exxon)
601 North McDowell Blvd.
Petaluma CA, 94954

Project: Exxon 7-3006
Project Number: 7-3006
Project Manager: Paula Sime

MPA1260
Reported:
02/07/06 16:39

**Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B - Quality Control
Sequoia Analytical - Morgan Hill**

| Analyte | Result | Evaluation Limit | Units | Spike Level | Source Result | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|---------------------|-------|----------------|-------------------------------|----------------|-----|--------------|-------|
| Batch 6A31003 - EPA 3510C | | | | | | | | | |
| Blank (6A31003-BLK1) | | | | | Prepared & Analyzed: 01/31/06 | | | | |
| Diesel Range Organics (C10-C28) | ND | 25 | ug/l | | | | | | |
| Surrogate: n-Octacosane | 34.8 | | " | 50.0 | | 70 34-123 | | | |
| LCS (6A31003-BS1) | | | | | Prepared & Analyzed: 01/31/06 | | | | |
| Diesel Range Organics (C10-C28) | 434 | 50 | ug/l | 500 | | 87 51-128 | | | |
| Surrogate: n-Octacosane | 37.6 | | " | 50.0 | | 75 34-123 | | | |
| LCS Dup (6A31003-BSD1) | | | | | Prepared & Analyzed: 01/31/06 | | | | |
| Diesel Range Organics (C10-C28) | 440 | 50 | ug/l | 500 | | 88 51-128 | 1 | 27 | |
| Surrogate: n-Octacosane | 39.7 | | " | 50.0 | | 79 34-123 | | | |

Environmental Resolutions (Exxon)
601 North McDowell Blvd.
Petaluma CA, 94954

Project: Exxon 7-3006
Project Number: 7-3006
Project Manager: Paula Sime

MPA1260
Reported:
02/07/06 16:39

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Sequoia Analytical - Morgan Hill

| Analyte | Result | Evaluation Limit | Units | Spike Level | Source Result | %REC %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|---------------------|-------|----------------|------------------|--------------|----------------|-----|--------------|-------|
|---------|--------|---------------------|-------|----------------|------------------|--------------|----------------|-----|--------------|-------|

Batch 6B06006 - EPA 5030B P/T
Blank (6B06006-BLK1)

Prepared & Analyzed: 02/06/06

| | | | | | | | | | | |
|-------------------------|----|------|------|--|--|--|--|--|--|--|
| tert-Amyl methyl ether | ND | 0.25 | ug/l | | | | | | | |
| tert-Butyl alcohol | ND | 10 | " | | | | | | | |
| Di-isopropyl ether | ND | 0.25 | " | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 0.25 | " | | | | | | | |
| 1,2-Dichloroethane | ND | 0.25 | " | | | | | | | |
| Ethanol | ND | 50 | " | | | | | | | |
| Ethyl tert-butyl ether | ND | 0.25 | " | | | | | | | |
| Methyl tert-butyl ether | ND | 0.25 | " | | | | | | | |

Surrogate: 1,2-Dichloroethane-d4

4.97

"

5.00

99

60-135

LCS (6B06006-BS1)

Prepared & Analyzed: 02/06/06

| | | | | | | | | | | |
|-------------------------|------|------|------|------|--|-----|--------|--|--|--|
| tert-Amyl methyl ether | 16.9 | 0.50 | ug/l | 16.3 | | 104 | 80-115 | | | |
| tert-Butyl alcohol | 152 | 20 | " | 169 | | 90 | 75-150 | | | |
| Di-isopropyl ether | 15.7 | 0.50 | " | 16.2 | | 97 | 75-125 | | | |
| 1,2-Dibromoethane (EDB) | 16.0 | 0.50 | " | 16.6 | | 96 | 85-120 | | | |
| 1,2-Dichloroethane | 16.0 | 0.50 | " | 15.5 | | 103 | 85-130 | | | |
| Ethanol | 148 | 100 | " | 165 | | 90 | 70-135 | | | |
| Ethyl tert-butyl ether | 16.2 | 0.50 | " | 16.4 | | 99 | 75-130 | | | |
| Methyl tert-butyl ether | 7.48 | 0.50 | " | 7.84 | | 95 | 65-125 | | | |

Surrogate: 1,2-Dichloroethane-d4

4.95

"

5.00

99

60-135

Matrix Spike (6B06006-MS1)

Source: MPA1260-01

Prepared & Analyzed: 02/06/06

| | | | | | | | | | | |
|-------------------------|------|-----|------|------|-----|-----|--------|--|--|--|
| tert-Amyl methyl ether | 89.4 | 2.5 | ug/l | 81.6 | ND | 110 | 80-115 | | | |
| tert-Butyl alcohol | 816 | 100 | " | 844 | ND | 97 | 75-120 | | | |
| Di-isopropyl ether | 82.1 | 2.5 | " | 81.2 | ND | 101 | 75-125 | | | |
| 1,2-Dibromoethane (EDB) | 85.6 | 2.5 | " | 83.2 | ND | 103 | 85-120 | | | |
| 1,2-Dichloroethane | 87.5 | 2.5 | " | 77.6 | 1.6 | 111 | 85-130 | | | |
| Ethanol | 688 | 500 | " | 824 | ND | 83 | 70-135 | | | |
| Ethyl tert-butyl ether | 83.0 | 2.5 | " | 82.0 | ND | 101 | 75-130 | | | |
| Methyl tert-butyl ether | 131 | 2.5 | " | 39.2 | 91 | 102 | 65-125 | | | |

Sequoia Analytical - Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

Environmental Resolutions (Exxon)
 601 North McDowell Blvd.
 Petaluma CA, 94954

 Project: Exxon 7-3006
 Project Number: 7-3006
 Project Manager: Paula Sime

 MPA1260
Reported:
 02/07/06 16:39

**Volatile Organic Compounds by EPA Method 8260B - Quality Control
Sequoia Analytical - Morgan Hill**

| Analyte | Result | Evaluation Limit | Units | Spike Level | Source Result | %REC %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|---------------------|-------|----------------|------------------|--------------|----------------|-----|--------------|-------|
|---------|--------|---------------------|-------|----------------|------------------|--------------|----------------|-----|--------------|-------|

Batch 6B06006 - EPA 5030B P/T
Matrix Spike (6B06006-MS1)

Source: MPA1260-01

Prepared & Analyzed: 02/06/06

| | | | | | | | | | | |
|---|------|--|------|------|--|-----|--------|--|--|--|
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | 5.17 | | ug/l | 5.00 | | 103 | 60-135 | | | |
|---|------|--|------|------|--|-----|--------|--|--|--|

Matrix Spike Dup (6B06006-MSD1)

Source: MPA1260-01

Prepared & Analyzed: 02/06/06

| | | | | | | | | | | |
|---|------|-----|------|------|-----|-----|--------|-----|----|--|
| tert-Amyl methyl ether | 84.9 | 2.5 | ug/l | 81.6 | ND | 104 | 80-115 | 5 | 15 | |
| tert-Butyl alcohol | 797 | 100 | " | 844 | ND | 94 | 75-120 | 2 | 25 | |
| Di-isopropyl ether | 81.2 | 2.5 | " | 81.2 | ND | 100 | 75-125 | 1 | 15 | |
| 1,2-Dibromoethane (EDB) | 81.2 | 2.5 | " | 83.2 | ND | 98 | 85-120 | 5 | 15 | |
| 1,2-Dichloroethane | 78.2 | 2.5 | " | 77.6 | 1.6 | 99 | 85-130 | 11 | 20 | |
| Ethanol | 685 | 500 | " | 824 | ND | 83 | 70-135 | 0.4 | 35 | |
| Ethyl tert-butyl ether | 81.0 | 2.5 | " | 82.0 | ND | 99 | 75-130 | 2 | 25 | |
| Methyl tert-butyl ether | 124 | 2.5 | " | 39.2 | 91 | 84 | 65-125 | 5 | 20 | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | 4.67 | | " | 5.00 | | 93 | 60-135 | | | |

Environmental Resolutions (Exxon)
601 North McDowell Blvd.
Petaluma CA, 94954

Project: Exxon 7-3006
Project Number: 7-3006
Project Manager: Paula Sime

MPA1260
Reported:
02/07/06 16:39

Notes and Definitions

- QM02 The spike recovery was below control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- HC-12 Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
- HC-11 The result for this hydrocarbon is elevated due to the presence of single analyte peak(s) in the quantitation range.
- CF1 Primary and confirmation results varied by greater than 40% RPD.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

CHAIN OF CUSTODY RECORD



(615) 726-0177

Nashville Division *Morgan Hill*

2960 Foster Creighton

Nashville, TN 37204



Consultant Name: Environmental Resolutions, Inc.

Address: 601 North McDowell Blvd.

City/State/Zip: Petaluma, California 94954

Project Manager: Paula Sime

Telephone Number: (707) 766-2000

ERI Job Number: 201013X

Sampler Name: (Print) Shawn Becker

Sampler Signature: *[Signature]*

ExxonMobil Engineer Jennifer Sedlachek

Telephone Number (510) 547-8188

Account #: 3876

PO #: 4505891268

Facility ID # 7-3006

Global ID# T0800100552

Site Address 720 High Street

City, State Zip Oakland, California 94601

MPA 1260

| TAT <input type="checkbox"/> 24 hour <input type="checkbox"/> 48 hour <input checked="" type="checkbox"/> 8 day <input type="checkbox"/> 72 hour <input type="checkbox"/> 96 hour | PROVIDE: EDF Report | Special Instructions: 7 CA Oxys: MTBE, ETBE, DIPE, TAME, TBA, 1,2-DCA, EDB. | | | | | | Matrix | | | Analyze For: | | | | |
|--|------------------------|--|------|------|----------|---------------------|--------------------|--------|------|-------|--------------|------------|------------|----------------|---------------|
| | | DATE | TIME | COMP | GRAB | PRESERV (VOA/liter) | NUMBER (VOA/liter) | Water | Soil | Vapor | TPHd 8015B | TPHg 8015B | BTEX 8021B | 7 CA Oxys 8260 | Ethanol 8260B |
| MW1 -01 | 1-24-06 | 1240 | | | HCl/none | 6/2 | X | | | X | X | X | X | X | |
| MW2 -02 | 1-24-06 | 1414 | | | HCl/none | 6/2 | X | | | X | X | X | X | X | |
| MW3 -03 | 1-24-06 | 1450 | | | HCl/none | 6/2 | X | | | X | X | X | X | X | |
| MW6 -04 | 1-24-06 | 1430 | | | HCl/none | 6/2 | X | | | X | X | X | X | X | |
| MW14 -05 | 1-24-06 | 1356 | | | HCl/none | 6/2 | X | | | X | X | X | X | X | |
| QCBB -06 | 1-24-06 | 1520 | | | HCl/ | 3/0 | X | | | | | | | | X |

Relinquished by: *[Signature]* Date 1-24-06 Time 1700

Received by: Sample Refrigerator Time 1700

Laboratory Comments:

Temperature Upon Receipt: 4.1

Sample Containers Intact? yes

VOAs Free of Headspace?

Relinquished by: _____ Date _____ Time _____

Received by TestAmerica: M 7 1/26/06 8:30 Time

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: ERI
 REC. BY (PRINT) MF
 WORKORDER: _____

DATE REC'D AT LAB: 1/26/06
 TIME REC'D AT LAB: 8:30
 DATE LOGGED IN: _____

For Regulatory Purposes?
 DRINKING WATER YES / NO
 WASTE WATER YES / NO

| CIRCLE THE APPROPRIATE RESPONSE | LAB SAMPLE # | DASH # | CLIENT ID | CONTAINER DESCRIPTION | PRESERVATIVE | pH | SAMPLE MATRIX | DATE SAMPLED | REMARKS: CONDITION (ETC.) |
|--|--------------|--------|------------|-----------------------|--------------|----|---------------|--------------|---------------------------|
| 1. Custody Seal(s) Present / <input checked="" type="radio"/> Absent Intact / Broken* | | | MPA1260-01 | 6-VOC | HCL | - | L | 1/24/06 | |
| 2. Chain-of-Custody <input checked="" type="radio"/> Present / Absent* | | | ↓ | 2-L Amber | - | ↓ | ↓ | ↓ | |
| 3. Traffic Reports or Packing List: Present / <input checked="" type="radio"/> Absent | | | MPA1260-02 | same | same | ↓ | ↓ | ↓ | |
| 4. Airbill: <input checked="" type="radio"/> Airbill / Sticker Present / Absent | | | ↓ -03 | ↓ | ↓ | ↓ | ↓ | ↓ | |
| | | | ↓ -04 | ↓ | ↓ | ↓ | ↓ | ↓ | |
| | | | ↓ -05 | ↓ | ↓ | ↓ | ↓ | ↓ | |
| | | | ↓ -06 | 3-VOC | HCL | √ | √ | √ | |
| 5. Airbill #: | | | | | | | | | |
| 6. Sample Labels: Present / <input checked="" type="radio"/> Absent | | | | | | | | | |
| 7. Sample IDs: <input checked="" type="radio"/> Listed / Not Listed on Chain-of-Custody | | | | | | | | | |
| 8. Sample Condition: <input checked="" type="radio"/> Intact / Broken* / Leaking* | | | | | | | | | |
| 9. Does information on chain-of-custody, traffic reports and sample labels agree? <input checked="" type="radio"/> Yes / No* | | | | | | | | | |
| 10. Sample received within hold time? <input checked="" type="radio"/> Yes / No* | | | | | | | | | |
| 11. Adequate sample volume received? <input checked="" type="radio"/> Yes / No* | | | | | | | | | |
| 12. Proper preservatives used? <input checked="" type="radio"/> Yes / No* | | | | | | | | | |
| 13. Trip Blank / Temp Blank Received? (circle which, if yes) <input checked="" type="radio"/> Yes / No* | | | | | | | | | |
| 14. Read Temp: <u>4.8</u> Corrected Temp: <u>4.8</u> Is corrected temp 4 +/- 2°C? <input checked="" type="radio"/> Yes / No** <small>(Acceptance range for samples requiring thermal pres.)</small> | | | | | | | | | |

MF 1/26/06

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

ATTACHMENT C
WASTE DISPOSAL DOCUMENTATION

2010 15X

SHIPPER NO. B 016172

STRAIGHT BILL OF LADING—SHORT FORM—Original—Not Negotiable

CARRIER NO. _____

DATE: 1-24-06

~~HAZARDOUS MATERIAL~~ RESOLUTIONS (SCAC)

CONSIGNEE
ROMIC ENVIRONMENTAL TECHNOLOGIES CORP.
2081 BAY ROAD
EAST PALO ALTO, CA. 94303

FROM SHIPPER
EXXON MOBIL CORPORATION
U/O ENI
601 N. MCDOWELL BOULEVARD
PETALUMA, CA. 94954

ROUTE: CAD 981 411 085 U.S. DOT Hazmat Reg. No. _____ VEHICLE NUMBER _____

| NO. SHIPPING UNIT | OHM | Description of articles, special marks, and exceptions | *WEIGHT (Subject to correction) | Class or Rate | CHARGES (For carrier use only) | Check column |
|-------------------|-----|---|---------------------------------|---------------|--------------------------------|--------------|
| | | GROUNDWATER MONITORING WELL PURGE WATER PROFILE: 301560 HANDLING CODE: _____ RECEIVED BY: <u>Audy Kay 1/27/06</u> PLACARDS TENDERED: YES _____ NO <input checked="" type="checkbox"/> PC# _____ EWR# _____ STORE NAME: <u>7-3006</u> STORE ADDRESS: <u>720 High ST</u> <u>Oakland Ca</u> | | | | |

220 gal

EMIT C.O.D. TO: _____ ADDRESS: _____ CITY: _____ STATE _____ ZIP _____

COD AMT: \$ _____ C.O.D. Fee: PREPAID COLLECT \$ _____

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight".
Note: - where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

Subject to Section 7 of conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

TOTAL CHARGES: \$ _____ FREIGHT CHARGES _____
Freight Prepaid except when box at right is checked Check box if charges to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown, marked, consigned, and destined as indicated above, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER: _____

SHIPPER: EXXON MOBIL REFINING & SUPPLIES
ORDER: Exxon Mobil Request
AL MRR

CARRIER: ENVIRONMENTAL RESOLUTIONS
PER: AL MRR
DATE: 1-27-06

EMERGENCY RESPONSE TELEPHONE NUMBER: _____

MONITORED AT ALL TIMES THE HAZARDOUS MATERIAL IS IN TRANSPORTATION INCLUDING STORAGE INCIDENTS TRANSPORTATION. (172.604)

Mark with "X" to designate Hazardous Materials as defined in the Department of Transportation Regulations Governing Transportation of Hazardous Materials. The use of this column as an optional method of designating hazardous materials on Bills of Lading per Section 172.201 and 172.202(b) of the regulations governing the transportation of such materials.