**ExxonMobil Environmental Services Company**
4096 Piedmont Avenue #194
Oakland, California 94611
510 547 8196 Telephone
510 547 8706 Facsimile

**Jennifer C. Sedlachek**
Project Manager



ExxonMobil

May 21, 2010

Ms. Barbara Jakub, P.G.
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Room 250
Alameda, California 94502-6577

**RE: Former Exxon RAS #73006/720 High Street, Oakland, California.**

Dear Ms. Jakub:

Attached for your review and comment is a copy of the letter report entitled ***Groundwater Monitoring Report, First Quarter 2010,*** dated May 21, 2010, for the above-referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Petaluma, California, and details activities pertaining to 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,

Jennifer C. Sedlachek
Project Manager

Attachment: ERI's Groundwater Monitoring Report, First Quarter 2010, dated May 21, 2010

cc: w/ attachment
Mr. Mansour Sepehr, Ph.D., P.E., SOMA Environmental Engineering, Incorporated
Mr. Mo Mashoon, Mash Petroleum, Inc.
Mr. Victor Chu

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

VALUE, QUALITY, RESPONSE

Southern California
Northern California
Central California
Pacific Northwest
New England
Southwest
Montana
Texas

May 21, 2010
ERI 201013.Q101

Ms. Jennifer C. Sedlachek
ExxonMobil Environmental Services
4096 Piedmont Avenue #194
Oakland, California 94611

**SUBJECT** **Groundwater Monitoring Report, First Quarter 2010**
Former Exxon Service Station 73006
720 High Street, Oakland, California

Alameda County RO #491

## INTRODUCTION

At the request of ExxonMobil Environmental Services (EMES), on behalf of ExxonMobil Corporation, Environmental Resolutions, Inc. (ERI) performed first quarter 2010 groundwater monitoring and sampling activities at the subject site. Relevant plates, tables, and appendices 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:** | | 03/04/10 |
| **Wells gauged only:** | | MW2, MW3, MW6, MW14 |
| **Wells gauged and sampled:** | | MW16A, MW16B, MW17A, MW17B, MW18A, MW18B, MW19A, MW19B |
| **Presence of NAPL:** | | Not observed |
| **Laboratory:** | | Calscience Environmental Laboratories, Inc. Garden Grove, California |
| **Analyses performed:** | EPA 8015B | TPHd, TPHg |
| | EPA 8021B | BTEX |
| | EPA 8260B | MTBE, ETBE, TAME, TBA, EDB, 1,2-DCA, DIPE, ethanol |
| **Waste disposal:** | | 84 gallons of purge and decon water delivered to InStrat, Inc., of Rio Vista, California, on 03/11/10 |

## REMEDIAL SYSTEM SUMMARY

EMES'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 NAPL were removed from on-site wells. In 1993, petrotraps were installed in wells MW2, MW4, and MW6; and 6.3 gallons of NAPL were removed. A GWPTS operated from January 1995 to December 1998, an AS/SVE system operated from August 1996 to July 1999, and a bio-sparge system operated from July 2001 to June 2003.

### Groundwater Pump and Treat System

The GWPTS was designed to treat separate-phase and dissolved-phase petroleum hydrocarbons in groundwater extracted from the interceptor trench beneath the site. 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 PVC piping were used to direct the water stream from the holding tank through water filters, an air stripper, and subsequently through liquid-phase GAC canisters connected in series. The treated groundwater was discharged to the sanitary sewer regulated by East Bay Municipal Utilities District. The GWPTS operated from January 1995 to December 1998 and removed approximately 10 pounds of TPHg and 3 pounds of benzene. The GWPTS was shut down when influent concentrations decreased.

### 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.

## CONCLUSIONS AND RECOMMENDATIONS

Groundwater elevations, flow directions, and dissolved-phase petroleum hydrocarbon concentrations are consistent with the historical data for the site.

## DOCUMENT DISTRIBUTION

ERI recommends forwarding copies of this report to:

Ms. Barbara Jakub, P.G.
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Mr. Mo Mashoon
Mash Petroleum
428 13th Street, 10th Floor
Oakland, California 94612

Mr. Mansour Sepehr, Ph.D., P.E.
SOMA Environmental Engineering, Incorporated
6620 Owens Drive, Suite A
Pleasanton, California 94588

Mr. Victor Chu
Property Owner
720 High Street
Oakland, California 94601

**LIMITATIONS**

For any documents cited that were not generated by ERI, the data taken from those documents is used "as is" and is assumed to be accurate. ERI does not guarantee the accuracy of this data and makes no warranties for the referenced work performed nor the inferences or conclusions stated in these documents.

This document was prepared in accordance with generally accepted standards of environmental, geological, and engineering practices in California at the time of investigation. No soil engineering or geotechnical references are implied or should be inferred. The evaluation of the geologic conditions at the site for this investigation is made from a limited number of data points. Subsurface conditions may vary away from these data points.

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.

SCANNED IMAGE

Jennifer L. Lacy
Senior Staff Scientist

SCANNED IMAGE

Heidi L. Dieffenbach-Carle
P.G. 6793

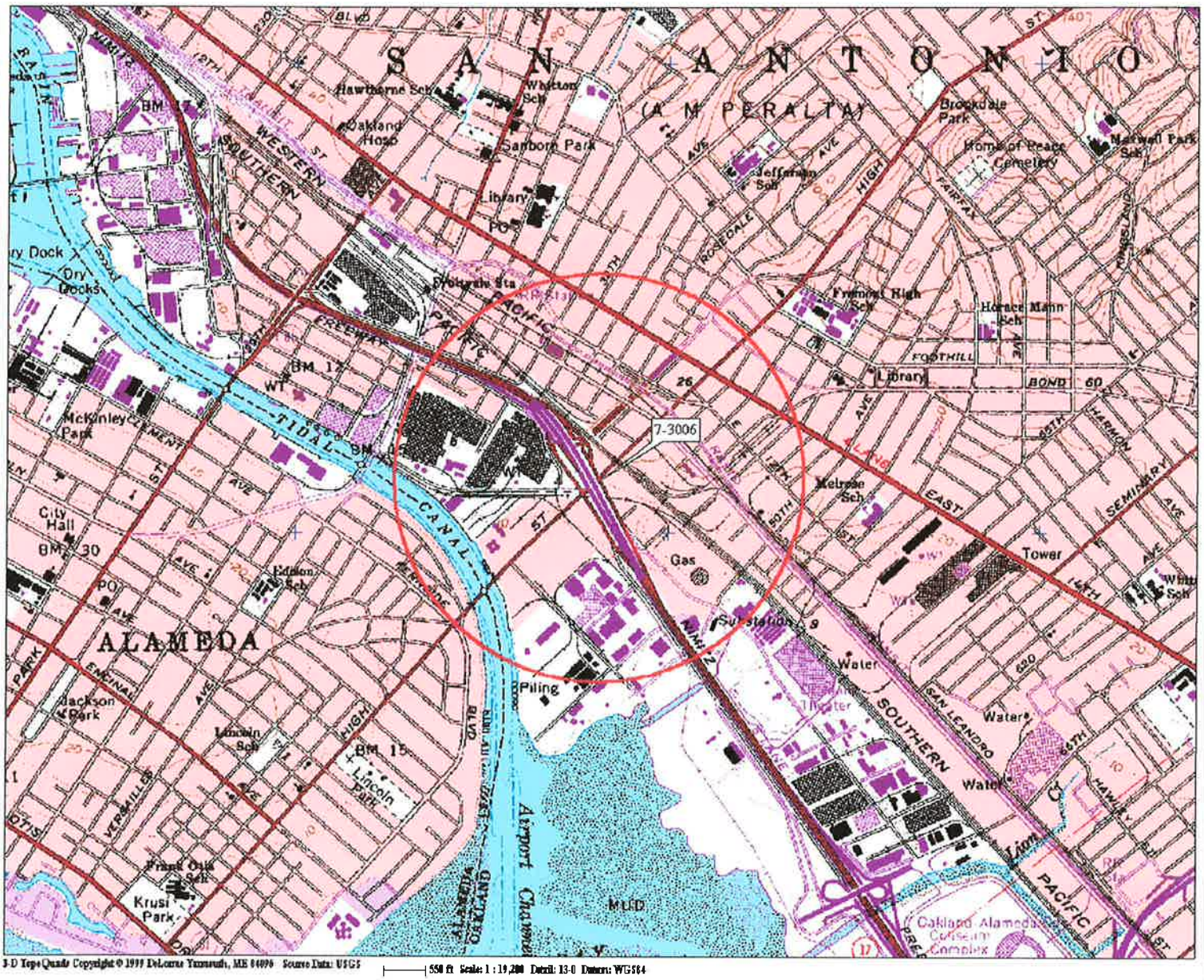
Enclosures:

Acronym List

| | |
|---|---|
| Plate 1 | Site Vicinity Map |
| Plate 2 | Select Analytical Results |
| Plate 3 | Groundwater Elevation Map – Shallow Zone |
| Plate 4 | Groundwater Elevation Map – Deep Zone |
| Table 1A | Cumulative Groundwater Monitoring and Sampling Data |
| Table 1B | Additional Cumulative Groundwater Monitoring and Sampling Data |
| Table 2 | Well Construction Details |
| Appendix A | Groundwater Sampling Protocol |
| Appendix B | Laboratory Analytical Report and Chain-of-Custody Record |
| Appendix C | Waste Disposal Documentation |
| Appendix D | Field Data Sheets |

## ACRONYM LIST

| | |
|---|---|
| µg/L | Micrograms per liter |
| µs | Microsiemens |
| 1,2-DCA | 1,2-dichloroethane |
| acfm | Actual cubic feet per minute |
| AS | Air sparge |
| bgs | Below ground surface |
| BTEX | Benzene, toluene, ethylbenzene, and total xylenes |
| CEQA | California Environmental Quality Act |
| cfm | Cubic feet per minute |
| COC | Chain of Custody |
| CPT | Cone Penetration (Penetrometer) Test |
| DIPE | Di-isopropyl ether |
| DO | Dissolved oxygen |
| DOT | Department of Transportation |
| DPE | Dual-phase extraction |
| DTW | Depth to water |
| EDB | 1,2-dibromoethane |
| EPA | Environmental Protection Agency |
| ESL | Environmental screening level |
| ETBE | Ethyl tertiary butyl ether |
| FID | Flame-ionization detector |
| fpm | Feet per minute |
| GAC | Granular activated carbon |
| gpd | Gallons per day |
| gpm | Gallons per minute |
| GWPTS | Groundwater pump and treat system |
| HVOC | Halogenated volatile organic compound |
| J | Estimated value between MDL and PQL (RL) |
| LEL | Lower explosive limit |
| LPC | Liquid-phase carbon |
| LRP | Liquid-ring pump |
| LUFT | Leaking underground fuel tank |
| LUST | Leaking underground storage tank |
| MCL | Maximum contaminant level |
| MDL | Method detection limit |
| mg/kg | Milligrams per kilogram |
| mg/L | Milligrams per liter |
| $mg/m^3$ | Milligrams per cubic meter |
| MPE | Multi-phase extraction |
| MRL | Method reporting limit |
| msl | Mean sea level |
| MTBE | Methyl tertiary butyl ether |
| MTCA | Model Toxics Control Act |
| NAI | Natural attenuation indicators |
| NAPL | Non-aqueous phase liquid |
| NEPA | National Environmental Policy Act |
| NGVD | National Geodetic Vertical Datum |
| NPDES | National Pollutant Discharge Elimination System |
| O&M | Operations and Maintenance |
| ORP | Oxidation-reduction potential |
| OSHA | Occupational Safety and Health Administration |
| OVA | Organic vapor analyzer |
| P&ID | Process & Instrumentation Diagram |
| PAH | Polycyclic aromatic hydrocarbon |
| PCB | Polychlorinated biphenyl |
| PCE | Tetrachloroethene or perchloroethylene |
| PID | Photo-ionization detector |
| PLC | Programmable logic control |
| POTW | Publicly owned treatment works |
| ppmv | Parts per million by volume |
| PQL | Practical quantitation limit |
| psi | Pounds per square inch |
| PVC | Polyvinyl chloride |
| QA/QC | Quality assurance/quality control |
| RBSL | Risk-based screening levels |
| RCRA | Resource Conservation and Recovery Act |
| RL | Reporting limit |
| scfm | Standard cubic feet per minute |
| SSTL | Site-specific target level |
| STLC | Soluble threshold limit concentration |
| SVE | Soil vapor extraction |
| SVOC | Semivolatile organic compound |
| TAME | Tertiary amyl methyl ether |
| TBA | Tertiary butyl alcohol |
| TCE | Trichloroethene |
| TOC | Top of well casing elevation; datum is msl |
| TOG | Total oil and grease |
| TPHd | Total petroleum hydrocarbons as diesel |
| TPHg | Total petroleum hydrocarbons as gasoline |
| TPHmo | Total petroleum hydrocarbons as motor oil |
| TPHs | Total petroleum hydrocarbons as stoddard solvent |
| TRPH | Total recoverable petroleum hydrocarbons |
| UCL | Upper confidence level |
| USCS | Unified Soil Classification System |
| USGS | United States Geologic Survey |
| UST | Underground storage tank |
| VCP | Voluntary Cleanup Program |
| VOC | Volatile organic compound |
| VPC | Vapor-phase carbon |




FN 2010

## EXPLANATION

1/2-mile radius circle

N

APPROXIMATE SCALE

0 0.5 1 mile

SOURCE:
Modified from a map provided by DeLorme 3-D TopoQuads

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# SITE VICINITY MAP

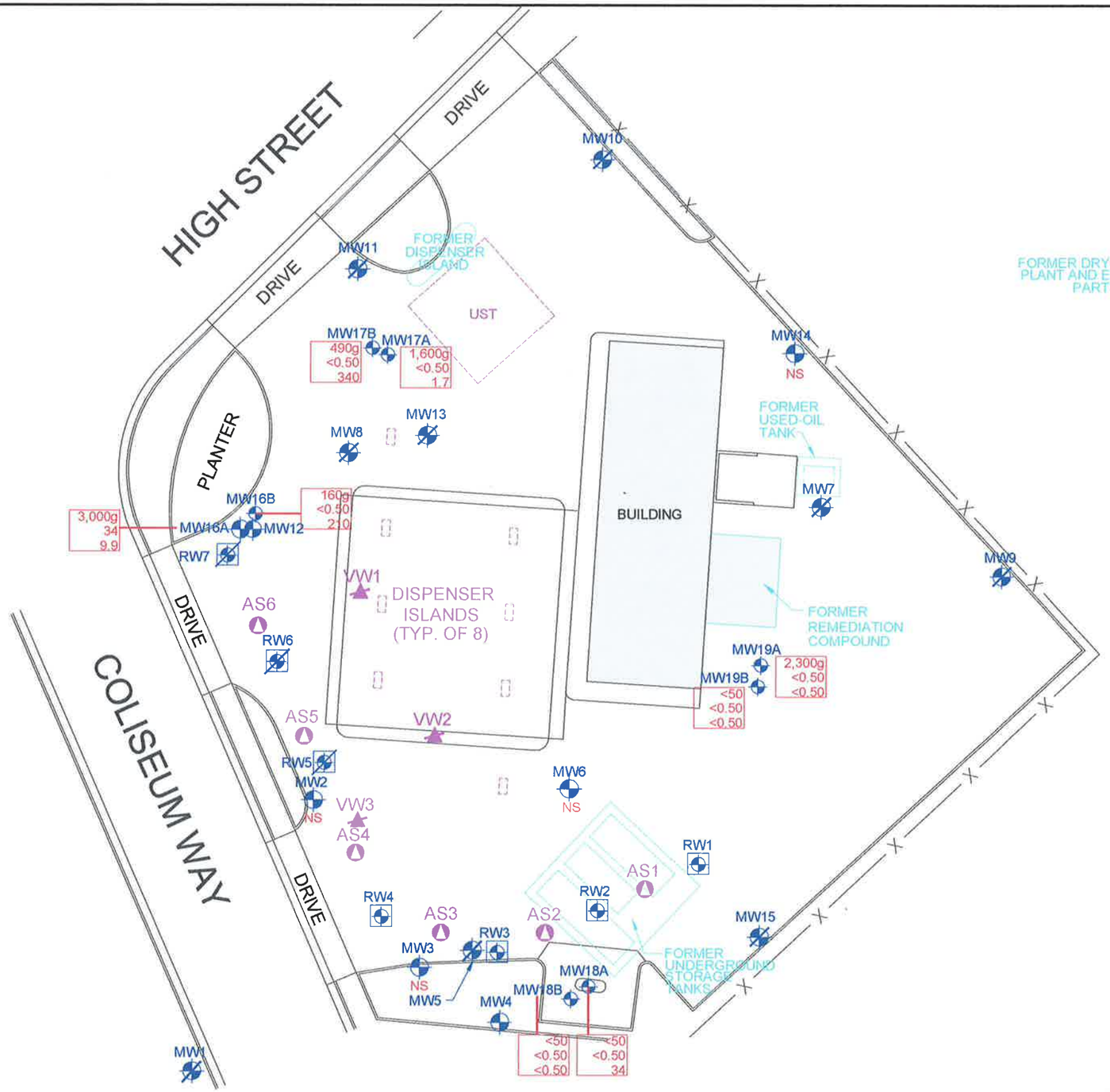
FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California

**PROJECT NO.** 2010

**PLATE** 1

Analyte Concentrations in ug/L
Sampled March 4, 2010

| | |
|---|---|
| Total Petroleum Hydrocarbons as gasoline | |
| Benzene | |
| Methyl Tertiary Butyl Ether | |
| < | Less Than the Stated Laboratory Reporting Limit |
| ug/L | Micrograms per Liter |
| NS | Not Sampled |
| g | Hydrocarbon pattern is not consistent with that of the specified standard. |




APPROXIMATE SCALE
0 30 60 Feet

FN 2010 10 1QTR_QM

SOURCE:
Modified from a map provided by Morrow Surveying

# SELECT ANALYTICAL RESULTS
## March 4, 2010

FORMER
EXXON SERVICE STATION 73006
720 High Street
Oakland, California

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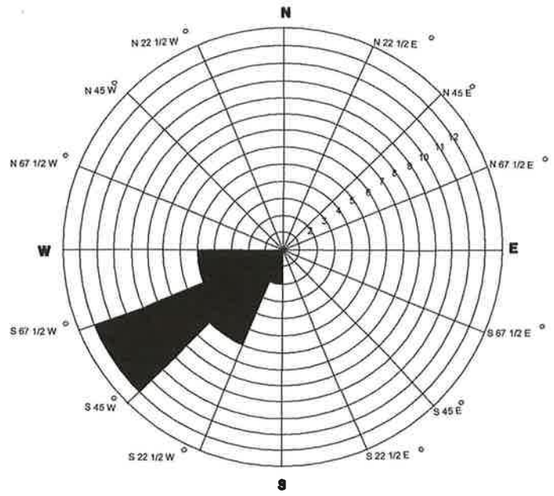
EXPLANATION

- MW19B — 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

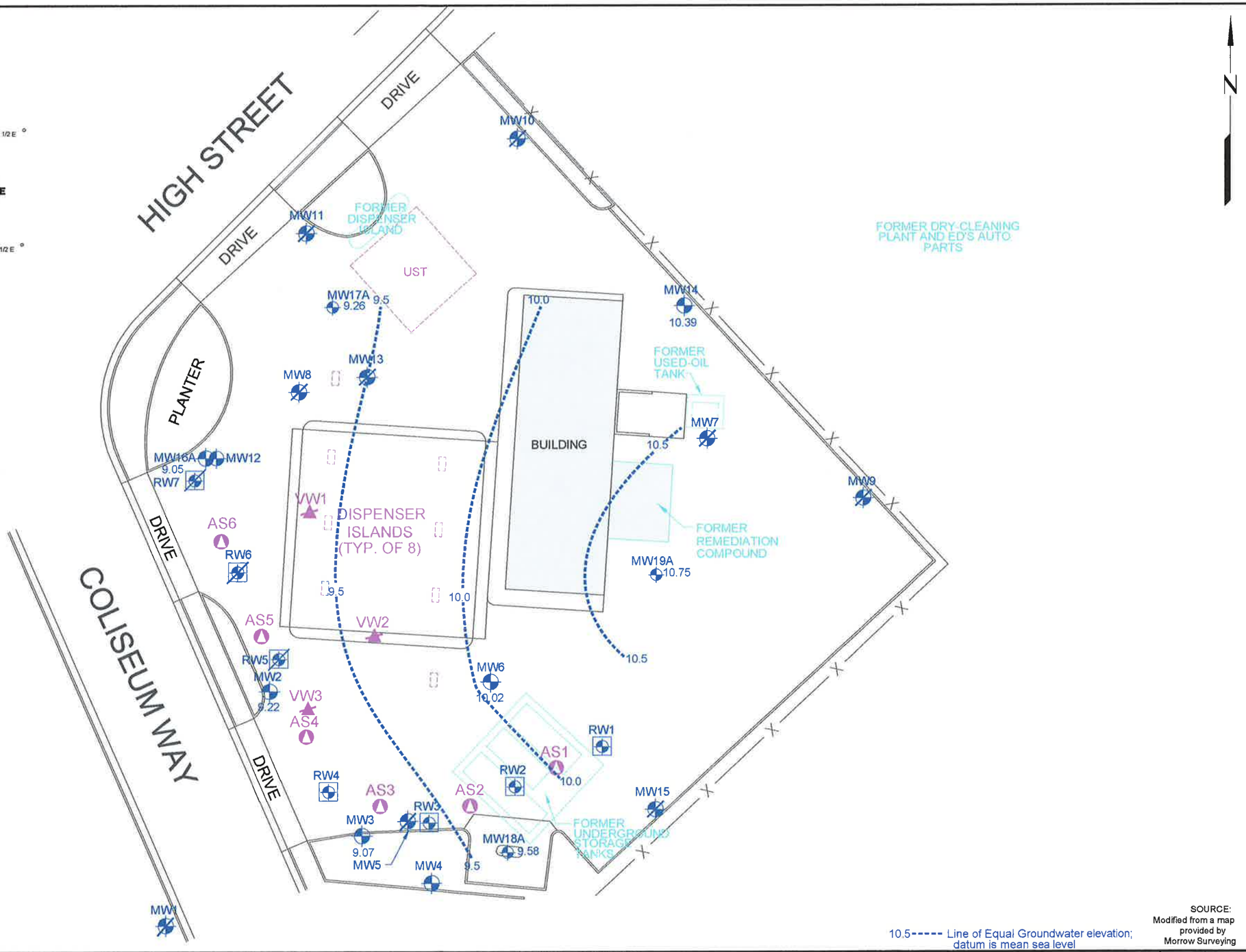
| PROJECT NO. |
|---|
| 2010 |
| **PLATE** |
| 2 |

F:\EXXONMOBIL\ExxonMobil Projects\022010 (73006) Oakland\2010 AutoCad\QM\2010\10 1QTR QM.dwg, 5/19/2010 2:14:02 P.M. mkjones




**GROUNDWATER FLOW DIRECTION ROSE DIAGRAM**
March 11, 2003, Through March 4, 2010

NOTE:
Groundwater flow direction measured upgradient from well MW16A.




APPROXIMATE SCALE
0 30 60
Feet

FN 2010 10 1QTR_QM

10.5------ Line of Equal Groundwater elevation; datum is mean sea level

SOURCE:
Modified from a map provided by Morrow Surveying

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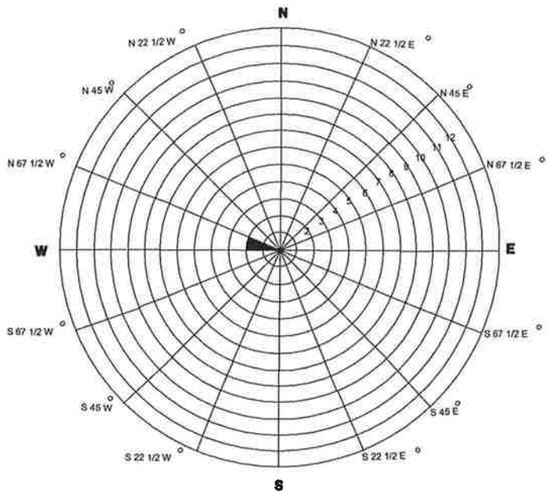
VALUE, QUALITY, RESPONSE

# GROUNDWATER ELEVATION MAP - SHALLOW WELLS
## March 4, 2010
FORMER
EXXON SERVICE STATION 73006
720 High Street
Oakland, California

EXPLANATION
- MW19B — Groundwater Monitoring Well
- 10.75 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

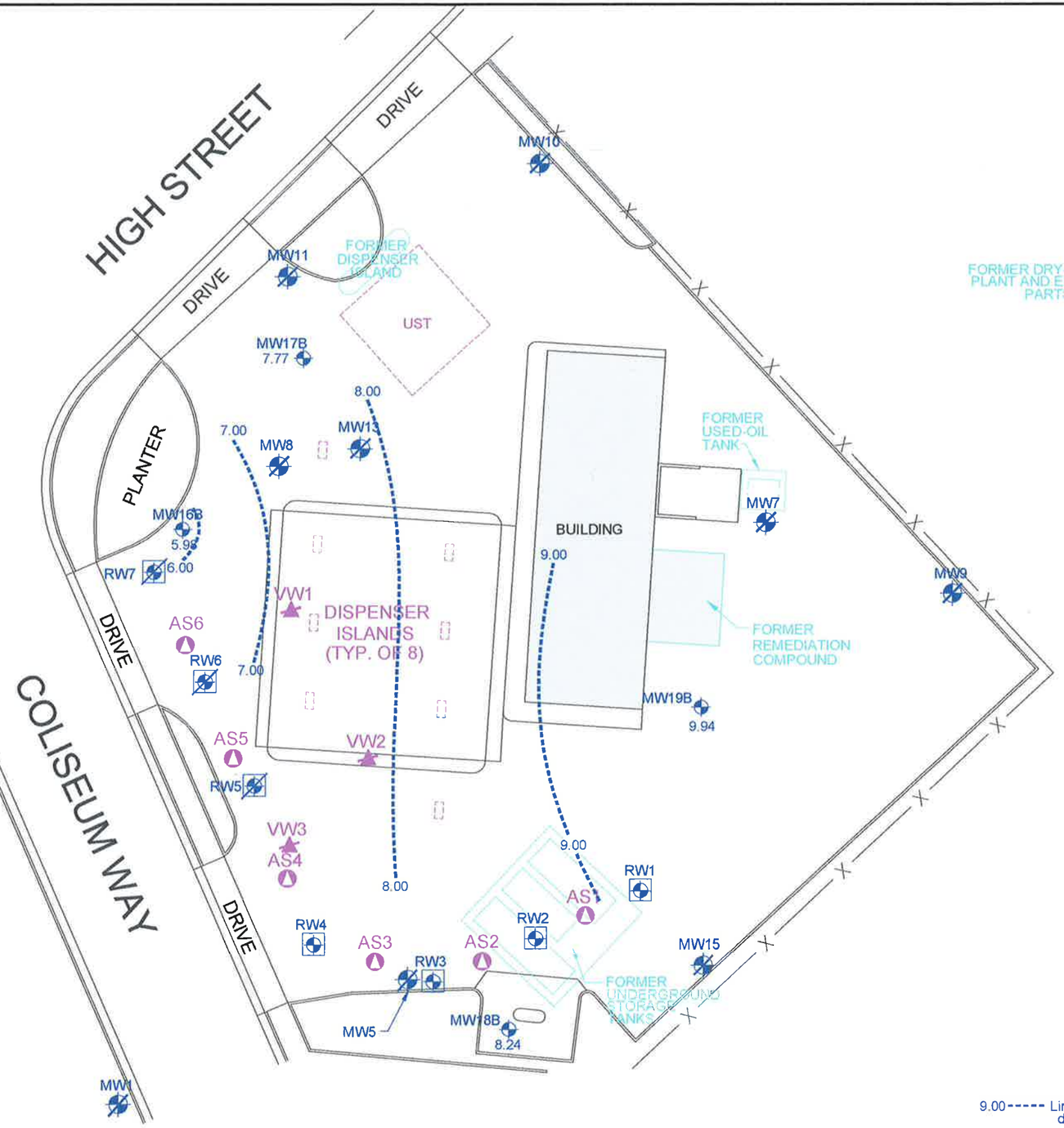
PROJECT NO.
2010

PLATE
3




**GROUNDWATER FLOW DIRECTION ROSE DIAGRAM**
October 1, 2009 through March 4, 2010

NOTE:
Groundwater flow direction measured upgradient from well MW16B.




APPROXIMATE SCALE
0 30 60
Feet

FN 2010 10 1QTR_QM

9.00 ----- Line of Equal Groundwater elevation; datum is mean sea level

SOURCE: Modified from a map provided by Morrow Surveying

VALUE, QUALITY, RESPONSE

# GROUNDWATER ELEVATION MAP - DEEP WELLS
## March 4, 2010

FORMER
EXXON SERVICE STATION 73006
720 High Street
Oakland, California

EXPLANATION

- MW19B — Groundwater Monitoring Well
- 9.94 — 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** 4

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Monitoring Well Samples** | | | | | | | | | | | | | | |
| MW1 | Prior to 04/25/89 | --- | Well installed. | | | | | | --- | | | | | |
| MW1 | May 1988 | --- | 12.87 | --- | --- | --- | 25 | --- | --- | --- | 240 | 90 | 5 | 25 |
| MW1 | 04/25/89 | --- | 12.87 | 7.55 | 5.32 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 04/27/89 | --- | 12.87 | 10.16 | 2.71 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 09/06/89 | --- | 12.87 | 10.88 | 1.99 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 09/22/89 | --- | 12.87 | 11.06 | 1.81 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 11/01/89 | --- | 12.87 | 10.82 | 2.05 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 11/15/89 | --- | 12.87 | 11.07 | 1.80 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 12/06/89 | --- | 12.87 | 10.33 | 2.54 | No | 240 | 630 | --- | --- | 12 | 5.6 | 3.7 | 25 |
| MW1 | 02/20/90 | --- | 12.87 | 8.81 | 4.06 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 04/19/90 | --- | 12.87 | 9.33 | 3.54 | No | <100 | <20 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 07/03/90 | --- | 12.87 | 8.44 | 4.43 | No | 160 | 130 | --- | --- | 6 | <0.5 | <0.5 | <0.5 |
| MW1 | 07/26/90 | --- | 12.87 | 8.99 | 3.88 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 08/20/90 | --- | 12.87 | 9.50 | 3.37 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 09/19/90 | --- | 12.87 | 9.99 | 2.88 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 11/27/90 | --- | 12.87 | 10.62 | 2.25 | No | <100 | <50 | --- | --- | 0.7 | <0.5 | <0.5 | <0.5 |
| MW1 | 01/17/91 | --- | 12.87 | 10.31 | 2.56 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 03/26/91 | --- | 12.87 | 7.79 | 5.08 | No | <100 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 05/02/91 | --- | 12.87 | 8.88 | 3.99 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 06/20/91 | --- | 12.87 | 9.62 | 3.25 | No | <100 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 08/07/91 | --- | 12.87 | 10.20 | 2.67 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 09/17/91 | --- | 12.87 | 10.40 | 2.47 | No | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 11/13/91 | --- | 12.87 | 10.20 | 2.67 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 12/10/91 | --- | 12.87 | 10.23 | 2.64 | No | <50 | <50 | --- | --- | 1.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 01/21/92 | --- | 12.87 | 9.32 | 3.55 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 03/25/92 | --- | 12.87 | 9.30 | 3.57 | No | <50 | --- | --- | --- | 1.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 06/22/92 | --- | 12.87 | 8.46 | 4.41 | No | 75 | 110 | --- | --- | 4.9 | 7.9 | 3.7 | 21 |
| MW1 | 09/24/92 | --- | 12.87 | 9.61 | 3.26 | No | <50 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 10/14/92 | --- | 12.87 | 9.85 | 3.02 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 11/16/92 | --- | 12.87 | 9.65 | 3.22 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 12/08/92 | --- | 12.87 | 9.30 | 3.57 | No | 51 | 170 | --- | --- | 10 | <0.5 | <0.5 | 0.6 |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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 | 01/27/93 | --- | 12.87 | 6.13 | 6.74 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 02/18/93 | --- | 12.87 | 6.07 | 6.80 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 03/10/93 | --- | 12.87 | 6.12 | 6.75 | No | 140 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 04/06/93 | --- | 12.87 | 5.84 | 7.03 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 05/28/93 | --- | 12.87 | 7.27 | 5.60 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 06/10/93 | --- | 12.87 | 7.40 | 5.47 | No | <100 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 07/17/93 | --- | 12.87 | 8.08 | 4.79 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 08/11/93 | --- | 12.87 | 8.54 | 4.33 | No | <50p | <50 | --- | --- | <0.5/<5o | <0.5/<5o | <0.5/<5o | <0.5/<5o |
| MW1 | 09/01/93 | --- | 12.87 | 8.80 | 4.07 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 10/26/93 | --- | 12.87 | 9.41 | 3.46 | No | <50 | <50 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 11/12/93 | --- | 12.87 | 9.48 | 3.39 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 12/27/93 | --- | 12.87 | 8.62 | 4.25 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 01/20/94 | --- | 12.87 | 9.25 | 3.62 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 02/02/94 - 02/03/94 | --- | 12.87 | 8.60 | 4.27 | No | 70 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | 0.7 |
| MW1 | 03/10/94 | --- | 12.87 | 8.31 | 4.56 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 04/22/94 | --- | 12.87 | 7.95 | 4.92 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 05/10/94 - 05/11/94 | --- | 12.87 | 7.48 | 5.39 | No | 100 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | 1.6 |
| MW1 | 06/27/94 | --- | 12.87 | 7.65 | 5.22 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 08/31/94 | --- | 12.87 | 9.39 | 3.48 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 09/29/94 | --- | 12.87 | 9.83 | 3.04 | No | <50 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 10/25/94 | --- | 12.87 | 10.19 | 2.68 | No | --- | <50 | <50 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 11/30/94 | --- | 12.87 | 8.97 | 3.90 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 12/27/94 | --- | 12.87 | 7.44 | 5.43 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW1 | 02/06/95 | --- | 12.87 | 5.71 | 7.16 | No | --- | <50 | 100 | --- | 0.52 | <0.5 | <0.5 | <0.5 |
| MW1 | 06/07/95 | --- | 12.87 | 7.62 | 5.25 | No | 81 | <50 | 3.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 09/18/95 | --- | 12.87 | 10.02 | 2.85 | No | 82 | <50 | 6 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 11/01/95 | --- | 12.87 | 10.74 | 2.13 | No | 160 | <50 | 8.9 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 02/14/96 | --- | 12.87 | 7.81 | 5.06 | No | 100 | <50 | 7.8 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 06/19/96 | --- | 12.87 | 7.47 | 5.40 | No | 93 | <50 | 7.1 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 09/24/96 | --- | 12.87 | 10.42 | 2.45 | No | 83 | <50 | 9.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 12/11/96 | --- | 12.87 | 8.50 | 4.37 | No | 81 | <50 | 7.2 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 03/19/97 | --- | 12.87 | 9.14 | 3.73 | No | 78 | <50 | 6.4 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 06/04/97 | --- | 12.87 | 9.82 | 3.05 | No | 58 | <50 | 6.0 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 09/02/97 | --- | 12.87 | 10.26 | 2.61 | No | 150 | <50 | 5.4 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 12/02/97 | --- | 12.87 | 9.32 | 3.55 | No | 88 | <50 | 5.1 | --- | <0.5 | <0.5 | <0.5 | <0.5 |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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 | 03/24/98 | --- | 12.87 | 6.44 | 6.43 | No | 58 | <50 | 5.6 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 06/23/98 | --- | 12.87 | 9.23 | 3.64 | No | 84 | <50 | 3.8 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 09/29/98 | --- | 12.87 | 9.91 | 2.96 | No | 61 | <50 | 2.6 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 12/30/98 | --- | 12.87 | 9.21 | 3.66 | No | 80 | <50 | 4.1 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 03/24/99 | --- | 12.87 | 5.53 | 7.34 | No | 64.3 | <50 | 4.95 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 06/22/99 | --- | 12.87 | 7.39 | 5.48 | No | 83.5 | <50 | 3.70 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 09/29/99 | --- | 12.87 | 8.90 | 3.97 | No | 52.9 | <50 | 4.81 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 12/21/99 | --- | 12.87 | 8.94 | 3.93 | No | 60 | <50 | 10 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 03/21/00 | --- | 12.87 | 5.34 | 7.53 | No | --- | <50 | 4.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 03/30/01 | --- | 12.87 | 5.29 | 7.58 | No | 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 | No | <50.0 | 116 | 110 | 160 | 1.10 | <0.50 | <0.50 | <0.50 |
| MW1 | 03/11/03 | --- | 12.79 | 6.63 | 6.16 | No | <50 | 153 | 188 | 179 | <0.5 | <0.5 | <0.5 | <0.5 |
| MW1 | 03/26/04 | --- | 12.79 | 6.18 | 6.61 | No | 74g | <50.0 | --- | 171 | <0.50 | 0.5 | <0.5 | <0.5 |
| MW1 | 11/02/04 | --- | 12.79 | 6.44 | 6.35 | No | 75g | 145 | --- | 137 | 0.50 | <0.5 | <0.5 | <0.5 |
| MW1 | 02/04/05 | --- | 12.79 | 5.01 | 7.78 | No | 158g | 132 | --- | 120 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW1 | 05/02/05 | --- | 12.79 | 4.66 | 8.13 | No | 386g | 131 | --- | 138 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW1 | 08/01/05 | --- | 12.79 | 5.51 | 7.28 | No | 129g | 89.8 | --- | 98.4 | 0.70 | <0.5 | <0.5 | <0.5 |
| MW1 | 10/25/05 | --- | 12.79 | 5.54 | 7.25 | No | <50.0 | 67.2 | --- | 84.1 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW1 | 01/24/06 | --- | 12.79 | 4.07 | 8.72 | No | <50 | 71 | --- | 91 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW1 | 04/28/06 | --- | 12.79 | 4.01 | 8.78 | No | <47 | 80 l | --- | 92n | <0.50n | <0.50 | <0.50 | <0.50 |
| MW1 | 08/04/06 | --- | 12.79 | 4.78 | 8.01 | No | 159 | 70.9 | --- | 71.0 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW1 | 10/06/06 | --- | 12.79 | 7.02 | 5.77 | No | <47 | 70 l | --- | 98 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW1 | 01/12/07 | --- | 12.79 | Well inaccessible. | | | | | | | | | | |
| MW1 | 03/26/07 | --- | Well destroyed. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| MW2 | 09/10/87 | --- | Well installed. | | | | | | --- | | | | | |
| MW2 | Sept 1987 | --- | 12.98 | --- | --- | --- | --- | 1,445 | --- | --- | 233 | 810 | 56 | 209 |
| MW2 | May 1988 | --- | 12.98 | --- | --- | LPH | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 04/25/89 | --- | 12.98 | 9.27 | 5.44 | 2.16 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 07/19/89 | --- | 12.98 | 10.81 | 3.42 | 1.56 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 07/27/89 | --- | 12.98 | 10.18 | 2.90 | 0.13 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 09/06/89 | --- | 12.98 | 10.89 | 2.16 | 0.09 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 09/22/89 | --- | 12.98 | 11.56 | 1.87 | 0.56 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 11/01/89 | --- | 12.98 | 10.85 | 2.20 | 0.09 | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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 | 11/15/89 | --- | 12.98 | 11.05 | 1.99 | 0.07 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 12/06/89 | --- | 12.98 | 10.23 | 2.85 | 0.13 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 02/20/90 | --- | 12.98 | 8.86 | 4.35 | 0.29 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 04/19/90 | --- | 12.98 | 9.09 | 3.97 | 0.10 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 07/03/90 | --- | 12.98 | 8.75 | 4.27 | 0.05 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 07/26/90 | --- | 12.98 | 8.71 | 4.35 | 0.10 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 08/20/90 | --- | 12.98 | 9.25 | 3.75 | 0.02 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 09/19/90 | --- | 12.98 | 9.79 | 3.21 | 0.02 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 11/27/90 | --- | 12.98 | 10.40 | 2.64 | 0.07 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 01/17/91 | --- | 12.98 | 10.03 | 2.99 | 0.05 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 03/26/91 | --- | 12.98 | 8.98 | 4.06 | 0.08 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 05/02/91 | --- | 12.98 | 8.73 | 4.27 | 0.02 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 06/20/91 | --- | 12.98 | 9.11 | 3.89 | 0.02 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 08/07/91 | --- | 12.98 | 10.00 | 3.01 | 0.04 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 09/17/91 | --- | 12.98 | 10.11 | 2.89 | 0.02 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 11/13/91 | --- | 12.98 | 9.88 | 3.12 | 0.02 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 12/10/91 | --- | 12.98 | 9.02 | 3.98 | 0.03 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 01/21/92 | --- | 12.98 | 9.08 | 3.92 | 0.03 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 03/25/92 | --- | 12.98 | 6.00 | 7.00 | 0.03 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 06/22/92 | --- | 12.98 | 8.46 | 4.53 | 0.01[1/2 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 09/24/92 | --- | 12.98 | 9.08 | 3.90 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 10/14/92 | --- | 12.98 | 9.34 | 3.66 | 0.02[1/2 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 11/16/92 | --- | 12.98 | 9.16 | 3.84 | 0.02 [1/2 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 12/08/92 | --- | 12.98 | 8.93 | 4.07 | 0.02[1/2 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 01/27/93 | --- | 12.98 | 5.76 | 7.22 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 02/18/93 | --- | 12.98 | 4.21 | 8.78 | 0.01 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 03/10/93 | --- | 12.98 | 6.75 | 6.23 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 04/06/93 | --- | 12.98 | 5.37 | 7.61 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 05/28/93 | --- | 12.98 | --- | --- | [2 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 06/10/93 | --- | 12.98 | --- | --- | [1/2 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 07/17/93 | --- | 12.98 | --- | --- | [2 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 08/11/93 | --- | 12.98 | --- | --- | [1/2 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 09/01/93 | --- | 12.98 | --- | --- | [1/2 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 10/26/93 | --- | 12.98 | --- | --- | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 11/12/93 | --- | 12.98 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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 | 12/27/93 | --- | 12.98 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 01/20/94 | --- | 12.98 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 02/02/94 - 02/03/94 | --- | 12.98 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 03/10/94 | --- | 12.98 | 6.96 | 6.29 | [8 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 04/22/94 | --- | 12.98 | --- | --- | [10 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW2 | 05/10/94 - 05/11/94 | --- | 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 | No | 820 | 1,400 | 57 | --- | 15 | 2.8 | 8.6 | <2.5 |
| MW2 | 03/27/98 | --- | 12.98 | 6.06 | 6.92 | No | 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 | No | 180 | 290 | 9.3 | --- | <0.50 | 0.65 | 1.5 | 1.5 |
| MW2 | 12/30/98 | --- | 12.98 | 9.83 | 3.15 | No | 700 | 520 | 16 | --- | 17 | 0.96 | 2.6 | 3.5 |
| MW2 | 03/24/99 | --- | 12.98 | 4.47 | 8.51 | No | 1,440 | 14,000 | <40 | --- | 1,300 | 336 | 786 | 3,420 |
| MW2 | 06/22/99 | --- | 12.98 | 6.42 | 6.56 | No | 2,310 | 1,080 | 25.2 | --- | 54.3 | 14.9 | 38.8 | 107 |
| MW2 | 09/29/99 | --- | 12.98 | 8.00 | 4.98 | No | 2,720e | 517 | 15.4 | --- | 37.5 | 7.48 | 12.9 | 15.2 |
| MW2 | 12/21/99 | --- | 12.98 | 8.10 | 4.88 | No | 6,300 | 3,200 | <2 | --- | 360 | 5.5 | 120 | 106 |
| MW2 | 03/21/00 | --- | 12.98 | Well inaccessible. | | | | | | | | | | |
| MW2 | 03/30/01 | --- | 12.98 | 3.09 | 9.89 | No | 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. | | | | | | | | | | |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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 | 03/11/02 k | --- | 13.06 | 3.78 | 9.28 | No | 293 | <1,000 | 62.0 | 30 | <10.0 | <10.0 | <10.0 | <10.0 |
| MW2 | 03/11/03 | --- | 13.06 | 5.49 | 7.57 | No | 422 | 1,490 | 325 | 428 | 279 | 3.0 | 9.8 | 18.9 |
| MW2 | 03/27/04 | --- | 13.06 | 4.65 | 8.41 | No | 184g | 254 | --- | 131 | 6.80 | 0.5 | <0.5 | 1.2 |
| MW2 | 11/02/04 | --- | 13.06 | 4.43 | 8.63 | No | 96 | 52.0 | --- | 8.00 | 1.40 | <0.5 | <0.5 | <0.5 |
| MW2 | 02/04/05 | --- | 13.06 | 3.32 | 9.74 | No | 372g | 66.0 | --- | 8.30 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW2 | 05/02/05 | --- | 13.06 | 2.74 | 10.32 | No | 195g | 84.2 | --- | 5.30 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW2 | 08/01/05 | --- | 13.06 | 2.99 | 10.07 | No | 344g | <50.0 | --- | 1.70 | 0.60 | <0.5 | <0.5 | <0.5 |
| MW2 | 10/25/05 | --- | 13.06 | 2.08 | 10.98 | No | 55.3g | <50.0 | --- | 1.22 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW2 | 01/24/06 | --- | 13.06 | 2.77 | 10.29 | No | 170g | <50 | --- | 1.6 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW2 | 04/28/06 | --- | 13.06 | 1.46 | 11.60 | No | 6,900m | <50 | --- | 1.4n | 0.99n | <0.50 | <0.50 | <0.50 |
| MW2 | 08/04/06 | --- | 13.06 | 1.52 | 11.54 | No | 145 | <50.0 | --- | 0.820 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW2 | 10/06/06 | --- | 13.06 | 5.55 | 7.51 | No | 90g | <50 | --- | 2.1 | 0.78 | <0.50 | <0.50 | <0.50 |
| MW2 | 01/12/07 | --- | 13.06 | 5.50 | 7.56 | No | 180g | 95 | --- | 7.0 | 7.6 | <0.50 | <0.50 | <0.50 |
| MW2 | 04/09/07 | --- | 13.06 | 5.68 | 7.38 | No | 230g | 115 | --- | 8.99 | 1.36j | <0.50 | <0.50 | 0.62 |
| MW2 | 08/06/07 | --- | 13.06 | 6.15 | 6.91 | No | 160g | 83 | --- | 7.4 | 0.65 | <0.50 | <0.50 | <0.50 |
| MW2 | 11/15/07 | --- | 13.06 | 6.71 | 6.35 | No | 120g | 140 | --- | 13 | 22 | <0.50 | <0.50 | <0.50 |
| MW2 | 01/02/08 | --- | 13.06 | 6.20 | 6.86 | No | 430j | 890 | --- | 25 | 330 | <5.0 | <5.0 | 6.6 |
| MW2 | 04/03/08 | --- | 13.06 | 5.10 | 7.96 | No | 230g | 170 | --- | 13 | <0.50 | 1.0 | <0.50 | 1.9 |
| MW2 | 07/09/08 | --- | 13.06 | 6.23 | 6.83 | No | 350g | 86 | --- | 6.4 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW2 | 10/01/08 | --- | 13.06 | Well covered by asphalt. | | | | | | | | | | |
| MW2 | 01/07/09 | --- | 13.06 | Well covered by asphalt. | | | | | | | | | | |
| MW2 | 01/16/09 | --- | 13.06 | 6.99 | 6.07 | No | 1,100 | 1,000 | --- | 14 | 290 | 3.6 | 1.2 | 11 |
| MW2 | 04/24/09 | --- | 13.06 | 5.76 | 7.30 | No | 310 | 570 | --- | 6.1 | <0.50 | <0.50 | <0.50 | <1.0 |
| MW2 | 07/01/09 | --- | 13.06 | 6.37 | 6.69 | No | 290 | 68 | --- | 11 | <0.50 | <0.50 | <0.50 | <1.0 |
| MW2 | 10/01/09 | --- | 13.06 | 6.61 | 6.45 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| **MW2** | **03/04/10** | **---** | **13.06** | **3.84** | **9.22** | **No** | **---** | **---** | **---** | **---** | **---** | **---** | **---** | **---** |
| MW3 | 09/10/87 | --- | Well installed. | | | | | | --- | | | | | |
| MW3 | Sept 1987 | --- | 12.92 | --- | --- | --- | 660 | 2,101 | --- | --- | 360 | 1,062 | 68 | 298 |
| MW3 | May 1988 | --- | 12.92 | --- | --- | --- | --- | 8,700 | --- | --- | 3,980 | 280 | 240 | 600 |
| MW3 | 04/25/89 | --- | 12.92 | 7.57 | 5.43 | 0.08 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 07/19/89 | --- | 12.92 | 10.33 | 3.14 | 0.66 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 07/27/89 | --- | 12.92 | Well inaccessible. | | | | | | | | | | |
| MW3 | 09/06/89 | --- | 12.92 | 11.22 | 1.78 | 0.07 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 09/22/89 | --- | 12.92 | 11.38 | 1.78 | 0.28 | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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 | 11/01/89 | --- | 12.92 | 10.90 | 2.05 | 0.01 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 11/15/89 | --- | 12.92 | 11.18 | 1.85 | 0.11 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 12/06/89 | --- | 12.92 | 10.29 | 2.65 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 02/20/90 | --- | 12.92 | 8.73 | 4.24 | 0.04 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 04/19/90 | --- | 12.92 | 9.20 | 3.81 | 0.09 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 07/03/90 | --- | 12.92 | 8.50 | 4.46 | 0.03 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 07/26/90 | --- | 12.92 | 8.58 | 4.39 | 0.04 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 08/20/90 | --- | 12.92 | 9.21 | 3.74 | 0.01 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 09/19/90 | --- | 12.92 | 10.02 | 3.20 | 0.35 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 11/27/90 | --- | 12.92 | 10.72 | 2.56 | 0.42 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 01/17/91 | --- | 12.92 | 10.05 | 2.97 | 0.10 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 03/26/91 | --- | 12.92 | 7.65 | 5.37 | 0.10 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 05/02/91 | --- | 12.92 | 8.54 | 4.42 | 0.03 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 06/20/91 | --- | 12.92 | 8.89 | 4.07 | 0.03 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 08/07/91 | --- | 12.92 | 9.99 | 2.97 | 0.03 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 09/17/91 | --- | 12.92 | 10.32 | 2.80 | 0.22 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 11/13/91 | --- | 12.92 | 10.14 | 2.99 | 0.24 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 12/10/91 | --- | 12.92 | 10.10 | 2.93 | 0.11 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 01/21/92 | --- | 12.92 | 9.07 | 3.92 | 0.06 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 03/25/92 | --- | 12.92 | 5.96 | 7.01 | 0.04 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 06/22/92 | --- | 12.92 | 8.07 | 4.89 | 0.02[1/2 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 09/24/92 | --- | 12.92 | 9.29 | 3.65 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 10/14/92 | --- | 12.92 | 9.49 | 3.47 | 0.02[1/2 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 11/16/92 | --- | 12.92 | 9.29 | 3.67 | 0.02[1/2 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 12/08/92 | --- | 12.92 | 9.08 | 3.88 | 0.02[1/2 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 01/27/93 | --- | 12.92 | 5.65 | 7.29 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 02/18/93 | --- | 12.92 | 4.63 | 8.31 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 03/10/93 | --- | 12.92 | 5.53 | 7.41 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 04/06/93 | --- | 12.92 | 5.10 | 7.84 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 05/28/93 | --- | 12.92 | 6.50 | 6.44 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 06/10/93 | --- | 12.92 | 6.65 | 6.29 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 07/17/93 | --- | 12.92 | 7.03 | 5.91 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 08/11/93 | --- | 12.92 | 7.56 | 5.38 | Sheen | 3,200/140q | 5,100 | --- | --- | 1,300/2,000o | 12/<2.5o | 87/160o | 47/60o |
| MW3 | 09/01/93 | --- | 12.92 | 8.20 | 4.75 | 0.01 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 10/26/93 | --- | 12.92 | 8.88 | 4.06 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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 | 11/12/93 | --- | 12.92 | 8.96 | 3.98 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 12/27/93 | --- | 12.92 | 9.03 | 3.91 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 01/20/94 | --- | 12.92 | 8.24 | 4.70 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 02/02/94 - 02/03/94 | --- | 12.92 | 7.68 | 5.26 | 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 - 05/11/94 | --- | 12.92 | 6.43 | 6.49 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 06/27/94 | --- | 12.92 | 6.97 | 5.95 | 0.01 | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | No | 17,000 | 4,800 | 30 | --- | 340 | <5.0 | 8.2 | 20 |
| MW3 | 03/19/97 | --- | 12.92 | 9.83 | 3.09 | No | 3,000 | 1,900 | 80 | --- | 160 | 11 | 5.6 | 10 |
| MW3 | 06/04/97 | --- | 12.92 | 10.43 | 2.49 | No | 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 | No | 6,700 | 920 | 21 | --- | 10 | 2.1 | <1.0 | 2.7 |
| MW3 | 03/24/98 | --- | 12.92 | 5.93 | 6.99 | No | 4,600 | 1,500 | 25 | --- | 5,500 | <5.0 | <5.0 | <5.0 |
| MW3 | 06/23/98 | --- | 12.92 | 11.13 | 1.79 | No | 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 | No | 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 | No | 6,860 | 1,470 | <10 | --- | 492 | <2.5 | <2.5 | <2.5 |
| MW3 | 09/29/99 | --- | 12.92 | 8.10 | 4.82 | No | 2,290e | 315 | <5.0 | --- | 11.5 | 3.07 | <1.0 | 2.54 |
| MW3 | 12/21/99 | --- | 12.92 | 7.99 | 4.93 | No | 37,000 | 6,600 | 4 | --- | 22 | 5 | 5.1 | 31.4 |
| MW3 | 01/26/00 | --- | 12.92 | 5.48 | 7.44 | No | 2,600g | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 03/21/00 | --- | 12.92 | Well inaccessible. | | | | | | | | | | |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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 | 03/30/01 | --- | 12.92 | 4.02 | 8.90 | No | 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 | No | 19,100 | <2,500 | 130 | 175 | 165 | <25.0 | <25.0 | <25.0 |
| MW3 | 03/11/03 | --- | 13.71 | 6.23 | 7.48 | No | 1,190 | 887 | 122 | 119 | 71.9 | 0.8 | 1.1 | 2.0 |
| MW3 | 03/26/04 | --- | 13.71 | 5.47 | 8.24 | No | 16,500g | 1,350 | --- | 98.4 | 30.8 | 1.6 | <0.5 | 3.8 |
| MW3 | 11/02/04 | --- | 13.71 | 5.30 | 8.41 | No | 3,620g | 466 | --- | 30.8 | 32.4 | <0.5 | <0.5 | 4.7 |
| MW3 | 02/04/05 | --- | 13.71 | 4.14 | 9.57 | No | 2,850g | 531 | --- | 22.7 | 19.3 | <0.5 | 0.6 | 1.6 |
| MW3 | 05/02/05 | --- | 13.71 | 3.41 | 10.30 | No | 3,940g | 586 | --- | 29.5 | 36.3 | 3.1 | 0.8 | 4.3 |
| MW3 | 08/01/05 | --- | 13.71 | 3.88 | 9.83 | No | 1,550 | 815 | --- | 18.1 | 36.6 | 0.6 | 1.1 | 2.4 |
| MW3 | 10/25/05 | --- | 13.71 | 3.11 | 10.60 | No | 4,010g | 379 | --- | 3.47 | <0.50 | <0.50 | <0.50 | 1.01 |
| MW3 | 01/24/06 | --- | 13.71 | 2.69 | 11.02 | No | 2,200g | 510 | --- | 13 | 35 | <1.0 | 2.1 | <1.0 |
| MW3 | 04/28/06 | --- | 13.71 | 2.44 | 11.27 | No | 100g | 330 | --- | 13n | 3.8n | <1.0 | <1.0 | <1.0 |
| MW3 | 08/04/06 | --- | 13.71 | 2.51 | 11.20 | No | 3,890 | 441 | --- | 10.1 | 14.7 | 0.57 | 1.44 | 4.23 |
| MW3 | 10/06/06 | --- | 13.71 | 6.33 | 7.38 | No | 5,300j | 360 | --- | 9.7 | 3.8 | <1.0 | <1.0 | <1.0 |
| MW3 | 01/12/07 | --- | 13.71 | 6.20 | 7.51 | No | 4,700 | 300 | --- | 9.0 | 3.9 | <2.5 | <2.5 | <2.5 |
| MW3 | 04/09/07 | --- | 13.71 | 6.47 | 7.24 | No | 1,600 | 428 | --- | 11.8 | 3.33j | <0.50 | 0.74 | 4.11 |
| MW3 | 08/06/07 | --- | 13.71 | 6.91 | 6.80 | No | 5,200 | 390 | --- | 8.1 | 5.3 | <0.50 | <0.50 | <0.50 |
| MW3 | 11/15/07 | --- | 13.71 | 7.47 | 6.24 | No | 7,000 | 290 | --- | 6.2 | 3.0 | <0.50 | <0.50 | <0.50 |
| MW3 | 01/02/08 | --- | 13.71 | 6.87 | 6.84 | No | 19,000j | 390 | --- | 9.9 | 6.4 | <1.0 | <1.0 | <1.0 |
| MW3 | 04/03/08 | --- | 13.71 | 5.96 | 7.75 | No | 1,200 | 330 | --- | 10 | 4.7 | 2.5 | <0.50 | 2.9 |
| MW3 | 07/09/08 | --- | 13.71 | 7.00 | 6.71 | No | 2,500 | 640 | --- | 11 | 10 | 3.2 | <0.50 | 1.6 |
| MW3 | 10/01/08 | --- | 13.71 | 7.56 | 6.15 | No | 590 | 730 | --- | 6.0 | 1.4 | <0.50 | <0.50 | <1.0 |
| MW3 | 01/07/09 | --- | 13.71 | 7.61 | 6.10 | No | 6,900 | 760 | --- | 5.9 | <0.50 | <0.50 | 1.5 | 3.0 |
| MW3 | 01/16/09 | --- | 13.71 | 7.74 | 5.97 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 04/24/09 | --- | 13.71 | 6.47 | 7.24 | No | 6,700 | 2,200 | --- | 12 | <0.50 | <0.50 | 1.5 | 3.3 |
| MW3 | 07/01/09 | --- | 13.71 | 7.05 | 6.66 | No | 1,700 | 390 | --- | 4.3 | <0.50 | <0.50 | <0.50 | 2.8 |
| MW3 | 10/01/09 | --- | 13.71 | 7.36 | 6.35 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| **MW3** | **03/04/10** | **---** | **13.71** | **4.64** | **9.07** | **No** | **---** | **---** | **---** | **---** | **---** | **---** | **---** | **---** |
| MW4 | 09/10/87 | --- | Well installed. | | | | | | --- | | | | | |
| MW4 | Sept 1987 | --- | 12.77 | --- | --- | --- | 740 | 92,500 | --- | --- | 70 | 7 | 10 | 16 |
| MW4 | May 1988 | --- | 12.77 | --- | --- | LPH | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 04/25/89 | --- | 12.77 | 7.26 | 5.64 | 0.16 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 07/19/89 | --- | 12.77 | 10.32 | 3.03 | 0.72 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 07/27/89 | --- | 12.77 | Well inaccessible. | | | | | | | | | | |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW4 | 09/06/89 | --- | 12.77 | 11.40 | 1.43 | 0.07 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 09/22/89 | --- | 12.77 | 11.64 | 1.28 | 0.19 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 11/01/89 | --- | 12.77 | 11.00 | 1.77 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 11/15/89 | --- | 12.77 | 11.18 | 1.67 | 0.10 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 12/06/89 | --- | 12.77 | 10.25 | 2.52 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 02/20/90 | --- | 12.77 | 8.40 | 4.37 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 04/19/90 | --- | 12.77 | 9.04 | 3.75 | 0.03 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 07/03/90 | --- | 12.77 | 8.00 | 4.77 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 07/26/90 | --- | 12.77 | 8.57 | 4.23 | 0.04 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 08/20/90 | --- | 12.77 | 9.08 | 3.70 | 0.01 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 09/19/90 | --- | 12.77 | 9.76 | 3.03 | 0.03 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 11/27/90 | --- | 12.77 | 10.83 | 2.01 | 0.09 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 01/17/91 | --- | 12.77 | 9.96 | 2.97 | 0.20 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 03/26/91 | --- | 12.77 | 6.20 | 6.64 | 0.09 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 05/02/91 | --- | 12.77 | 7.50 | 5.30 | 0.04 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 06/20/91 | --- | 12.77 | 7.79 | 5.01 | 0.04 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 08/07/91 | --- | 12.77 | 9.81 | 3.00 | 0.05 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 09/17/91 | --- | 12.77 | 10.02 | 2.83 | 0.10 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 11/13/91 | --- | 12.77 | 9.90 | 2.97 | 0.12 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 12/10/91 | --- | 12.77 | 9.92 | 2.93 | 0.10 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 01/21/92 | --- | 12.77 | 9.50 | 3.33 | 0.08 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 03/25/92 | --- | 12.77 | 5.01 | 7.78 | 0.03 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 06/22/92 | --- | 12.77 | 7.34 | 5.45 | 0.02[1/2 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 09/24/92 | --- | 12.77 | 9.03 | 3.74 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 10/14/92 | --- | 12.77 | 9.27 | 3.52 | 0.02[1/2 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 11/16/92 | --- | 12.77 | 9.09 | 3.70 | 0.02[1/2 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 12/08/92 | --- | 12.77 | 10.24 | 2.55 | 0.02[1/2 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 01/27/93 | --- | 12.77 | 4.95 | 7.85 | 0.04 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 02/18/93 | --- | 12.77 | 4.89 | 7.89 | 0.01 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 03/10/93 | --- | 12.77 | 6.40 | 6.37 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 04/06/93 | --- | 12.77 | 4.36 | 8.41 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 05/28/93 | --- | 12.77 | --- | --- | [2 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 06/10/93 | --- | 12.77 | --- | --- | [2 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 07/17/93 | --- | 12.77 | --- | --- | 2/5 gal. | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 08/11/93 | --- | 12.77 | --- | --- | 1/4 gal. | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW4 | 09/01/93 | --- | 12.77 | --- | --- | 1/4 gal. | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 10/26/93 | --- | 12.77 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 11/12/93 | --- | 12.77 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 12/27/93 | --- | 12.77 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 01/20/94 | --- | 12.77 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 02/02/94 - 02/03/94 | --- | 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 - 05/11/94 | --- | 12.77 | --- | --- | [5 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 06/27/94 | --- | 12.77 | 6.5 | 6.27 | 0.01 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 08/31/94 | --- | 12.77 | 7.84 | 4.93 | 0.02 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 09/29/94 | --- | 12.77 | 8.43 | 4.34 | 0.03 | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | 06/19/96 | --- | 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 | No | 15,000 | 1,500 | 50 | --- | <2.5 | 9.7 | 3.0 | 10 |
| MW4 | 03/24/98 | --- | 12.77 | 5.79 | 6.98 | No | 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 | No | 9,760 | 1,470 | <10 | --- | 404 | <2.5 | <2.5 | <2.5 |
| MW4 | 09/29/99 | --- | 12.77 | 7.32 | 5.45 | No | 2,470f | 589c | 8.12 | --- | 12.6 | <1.0 | <1.0 | <1.0 |
| MW4 | 12/21/99 | --- | 12.77 | 7.58 | 5.19 | No | 230,000 | 2,000 | <2 | --- | <0.5 | 0.56 | 1.9 | 18.6 |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW4 | 01/26/00 | --- | 12.77 | 5.85 | 6.92 | No | 3,200g | --- | --- | --- | --- | --- | --- | --- |
| MW4 | 03/21/00 | --- | 12.77 | 3.58 | 9.19 | No | 5,900 | 270 | 13 | --- | 6.8 | 0.83 | <0.5 | 3.6 |
| MW4 | 03/30/01 | --- | 12.77 | Well covered by asphalt. | | | | | | | | | | |
| MW5 | Prior to September 1987 | --- | Well installed. | | | | | | --- | | | | | |
| MW5 | Sept 1987 | --- | 8.38 | --- | --- | --- | 37,220 | 26,600 | --- | --- | 560 | 1,710 | 1,580 | 7,150 |
| MW5 | May 1988 | --- | 8.38 | --- | --- | LPH | --- | --- | --- | --- | --- | --- | --- | --- |
| MW5 | 04/25/89 | --- | 8.38 | 8.06 | 0.32 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW5 | 07/18/89 | --- | Well destroyed. | | | | | | | | | | | |
| MW6 | 09/10/87 | --- | Well installed. | | | | | | --- | | | | | |
| MW6 | May 1988 | --- | 14.27 | --- | --- | --- | --- | 29,300 | --- | --- | 12,820 | 550 | 1,440 | 5,500 |
| MW6 | 04/25/89 | --- | 14.27 | 8.02 | 6.25 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 09/06/89 | --- | 14.27 | 13.64 | 0.69 | 0.08 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 09/22/89 | --- | 14.27 | 13.79 | 0.54 | 0.07 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 11/01/89 | --- | 14.27 | 12.78 | 1.49 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 11/15/89 | --- | 14.27 | 12.91 | 1.36 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 12/06/89 | --- | 14.27 | 11.84 | 2.43 | No | 4,800 | 9,000 | --- | --- | 370 | 13 | 2.6 | 430 |
| MW6 | 02/20/90 | --- | 14.27 | 9.08 | 5.19 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 04/19/90 | --- | 14.27 | 9.72 | 4.55 | No | 26,000 | 27,000 | --- | --- | 3,000 | 120 | 490 | 2,100 |
| MW6 | 07/03/90 | --- | 14.27 | 8.00 | 6.27 | No | 13,000 | 30,000 | --- | --- | 5,500 | 1,400 | 1,200 | 3,100 |
| MW6 | 07/26/90 | --- | 14.27 | 8.70 | 5.57 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 08/20/90 | --- | 14.27 | 9.62 | 4.65 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 09/19/90 | --- | 14.27 | 10.25 | 4.02 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 11/27/90 | --- | 14.27 | 10.82 | 3.45 | Sheen | 7,600 | 15,000 | --- | --- | 4,400 | 120 | 800 | 2,300 |
| MW6 | 01/17/91 | --- | 14.27 | 9.93 | 4.34 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 03/26/91 | --- | 14.27 | 8.45 | 5.82 | No | <100 | 55,000 | --- | --- | 10,000 | 380 | 1,600 | 6,900 |
| MW6 | 05/02/91 | --- | 14.27 | 8.90 | 5.37 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 06/20/91 | --- | 14.27 | 9.47 | 4.80 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 08/07/91 | --- | 14.27 | 10.10 | 4.17 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 09/17/91 | --- | 14.27 | 10.21 | 4.06 | Sheen | --- | 17,000 | --- | --- | 4,500 | 160 | 890 | 3,100 |
| MW6 | 11/13/91 | --- | 14.27 | 9.62 | 4.65 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 12/10/91 | --- | 14.27 | 9.59 | 4.68 | Sheen | 1,200 | 32,000 | --- | --- | 6,000 | 290 | 1,400 | 4,700 |
| MW6 | 01/21/92 | --- | 14.27 | 9.25 | 5.02 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 03/25/92 | --- | 14.27 | 6.88 | 7.39 | No | 2,700 | 21,000 | --- | --- | 8,000 | 250 | 1,700 | 5,000 |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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 | 06/22/92 | --- | 14.27 | 7.38 | 6.89 | No | 1,700 | 43,000 | --- | --- | 11,000 | 150 | 2,100 | 5,000 |
| MW6 | 09/24/92 | --- | 14.27 | 8.70 | 5.57 | No | 2,000 | 45,000 | --- | --- | 9,800 | 270 | 1,700 | 3,600 |
| MW6 | 10/14/92 | --- | 14.27 | 8.91 | 5.36 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 11/16/92 | --- | 14.27 | 8.75 | 5.52 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 12/08/92 | --- | 14.27 | 8.51 | 5.76 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 01/27/93 | --- | 14.27 | 5.69 | 8.58 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 02/18/93 | --- | 14.27 | 4.90 | 9.45 | 0.10 [1/2 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 03/10/93 | --- | 14.27 | 6.07 | 8.24 | 0.05 [1/4 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 04/06/93 | --- | 14.27 | 4.98 | 9.29 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 05/28/93 | --- | 14.27 | --- | --- | [3 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 06/10/93 | --- | 14.27 | --- | --- | [3 c.] | 38,000 | 130,000 | --- | --- | 9,800 | 650 | 5,100 | 12,000 |
| MW6 | 07/17/93 | --- | 14.27 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 08/11/93 | --- | 14.27 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 09/01/93 | --- | 14.27 | --- | --- | [1/2 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 10/26/93 | --- | 14.27 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 11/12/93 | --- | 14.27 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 12/27/93 | --- | 14.27 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 01/20/94 | --- | 14.27 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 02/02/94 - 02/03/94 | --- | 14.27 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 03/10/94 | --- | 14.27 | 7.82 | 6.45 | [1/4 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 04/22/94 | --- | 14.27 | --- | --- | [10 c.] | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6 | 05/10/94 - 05/11/94 | --- | 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 | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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 | 12/11/96 | --- | 14.27 | 9.20 | 5.07 | No | 2,900 | 9,100 | <100 | --- | 2,100 | 22 | 160 | 260 |
| MW6 | 03/19/97 | --- | 14.27 | 10.14 | 4.13 | No | 3,800 | 24,000 | 250 | --- | 5,800 | 91 | 1,300 | 1,900 |
| MW6 | 06/04/97 | --- | 14.27 | 10.58 | 3.69 | No | 3,300 | 20,000 | 270 | --- | 4,400 | <50 | 540 | 480 |
| MW6 | 09/02/97 | --- | 14.27 | 11.02 | 3.25 | No | 2,100 | 8,100 | <25 | --- | 1,800 | <25 | 140 | 170 |
| MW6 | 12/02/97 | --- | 14.27 | 10.45 | 3.82 | No | 2,300 | 6,800 | <100 | --- | 1,100 | <20 | 77 | 74 |
| MW6 | 03/24/98 | --- | 14.27 | 7.09 | 7.18 | No | 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 | No | 2,300 | 8,600 | <100 | --- | 2,100 | 25 | 300 | 260 |
| MW6 | 12/30/98 | --- | 14.27 | 9.97 | 4.30 | No | 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 | No | 5,670 | 6,720 | <40 | --- | 2,400 | <10 | 767 | 14.4 |
| MW6 | 09/29/99 | --- | 14.27 | 8.66 | 5.61 | No | 1,370f | 6,310d | <250 | --- | <25 | <25 | 133 | <25 |
| MW6 | 12/21/99 | --- | 14.27 | 8.57 | 5.70 | No | 2,300 | 3,800 | 12 | --- | 890 | 3.3 | 94 | 95 |
| MW6 | 03/21/00 | --- | 14.27 | Well inaccessible. | | | | | | | | | | |
| MW6 | 03/30/01 | --- | 14.27 | 3.66 | 10.61 | No | 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 | No | 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 | No | 1,100 | 5,120 | 15.7 | 1.80 | 920 | 3.2 | 36 | 19.4 |
| MW6 | 03/26/04 | --- | 14.23 | 5.22 | 9.01 | No | 596g | 5,090 | --- | 0.70 | 1,130 | 14.7 | 164 | 62.9 |
| MW6 | 11/02/04 | --- | 14.23 | 4.84 | 9.39 | No | 1,000g | 4,320 | --- | <0.50 | 793 | 3.6 | 178 | 53.0 |
| MW6 | 02/04/05 | --- | 14.23 | 3.83 | 10.40 | No | 1,410g | 3,950 | --- | <0.50 | 1,210 | 9.4 | 110 | 22.6 |
| MW6 | 05/02/05 | --- | 14.23 | 3.18 | 11.05 | No | 852g | 4,900 | --- | <0.50 | 755 | 6.6 | 189 | 20.9 |
| MW6 | 08/01/05 | --- | 14.23 | 3.92 | 10.31 | No | 1,290g | 3,320 | --- | 1.20 | 597 | 5.1 | 64.7 | 47.5 |
| MW6 | 10/25/05 | --- | 14.23 | 3.93 | 10.30 | No | 861g | 2,870 | --- | 1.48 | 496 | 4.24 | 63.5 | 35.9 |
| MW6 | 01/24/06 | --- | 14.23 | 2.81 | 11.42 | No | 570g | 4,000 | --- | <5.0 | 590 | <25 | 51 | <25 |
| MW6 | 04/28/06 | --- | 14.23 | 2.68 | 11.55 | No | 400g | 3,600 | --- | 2.3n | 600n | <12 | 60 | <12 |
| MW6 | 08/04/06 | --- | 14.23 | 3.07 | 11.16 | No | 899 | 4,070 | --- | 0.920 | 294 | 4.42 | 74.1 | 19.9 |
| MW6 | 10/06/06 | --- | 14.23 | 5.64 | 8.59 | No | 430g,j | 1,900 | --- | <0.50 | 140 | <12 | 24 | <12 |
| MW6 | 01/12/07 | --- | 14.23 | 5.82 | 8.41 | No | 300g | 1,700 | --- | <0.50 | 98 | <5.0 | 16 | <5.0 |
| MW6 | 04/09/07 | --- | 14.23 | 6.03 | 8.20 | No | 230g | 2,150 | --- | <0.500 | 116j | 1.66 | 12.3 | 6.39 |
| MW6 | 08/06/07 | --- | 14.23 | 6.40 | 7.83 | No | 190g | <500 | --- | <0.50 | 85 | <5.0 | <5.0 | <5.0 |
| MW6 | 11/15/07 | --- | 14.23 | 6.93 | 7.30 | No | 390g | 410 | --- | <0.50 | 57 | <2.5 | <2.5 | <2.5 |
| MW6 | 01/02/08 | --- | 14.23 | 6.40 | 7.83 | No | 170g,j | 670 | --- | <0.50 | 63 | <2.5 | <2.5 | <2.5 |
| MW6 | 04/03/08 | --- | 14.23 | 5.47 | 8.76 | No | 340g | 460 | --- | <0.50 | 13 | 1.9 | 2.3 | 2.9 |
| MW6 | 07/09/08 | --- | 14.23 | 6.50 | 7.73 | No | 290g | 1,200 | --- | <0.50 | 86 | <5.0 | <5.0 | <5.0 |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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 | 10/01/08 | --- | 14.23 | Well covered by asphalt. | | | | | | | | | | |
| MW6 | 01/07/09 | --- | 14.23 | Well covered by asphalt. | | | | | | | | | | |
| MW6 | 01/16/09 | --- | 14.23 | 7.25 | 6.98 | No | 110 | 200 | --- | <0.50 | 1.9 | <0.50 | <0.50 | <1.0 |
| MW6 | 04/24/09 | --- | 14.23 | 5.91 | 8.32 | No | 160 | 450 | --- | <0.50 | 54 | <0.50 | 0.57o | <1.0 |
| MW6 | 07/01/09 | --- | 14.23 | 6.47 | 7.76 | No | <50 | 150 | --- | <0.50 | 30 | <0.50 | <0.50 | <1.0 |
| MW6 | 10/01/09 | --- | 14.23 | 6.70 | 7.53 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| **MW6** | **03/04/10** | **---** | **14.23** | **4.21** | **10.02** | **No** | **---** | **---** | **---** | **---** | **---** | **---** | **---** | **---** |
| MW7 | Prior to September 1987 | --- | Well installed. | | | | | | --- | | | | | |
| MW7 | Sept 1987 | --- | 14.84 | --- | --- | --- | 1,531 | 2,790 | --- | --- | 258 | 2 | <2 | 42 |
| MW7 | May 1988 | --- | 14.84 | --- | --- | --- | --- | 19 | --- | --- | 300o | <10o | <10o | <10o |
| MW7 | 04/25/89 | --- | 14.84 | 8.66 | 6.18 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 09/06/89 | --- | 14.84 | 11.72 | 3.12 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 09/22/89 | --- | 14.84 | 11.89 | 2.95 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 12/06/89 | --- | 14.84 | 10.46 | 4.38 | No | 2,500 | 1,700 | --- | --- | 220 | 5.3 | 5 | 8.6 |
| MW7 | 02/20/90 | --- | 14.84 | 8.44 | 6.40 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 04/19/90 | --- | 14.84 | 9.54 | 5.30 | No | 3,500 | 2,700 | --- | --- | 220 | 8.6 | 7 | 20 |
| MW7 | 07/03/90 | --- | 14.84 | 7.54 | 7.39 | No | 910 | 2,500 | --- | --- | 380 | 13 | 16 | 35 |
| MW7 | 07/26/90 | --- | 14.84 | 8.08 | 6.76 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 08/20/90 | --- | 14.84 | 8.82 | 6.02 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 09/19/90 | --- | 14.84 | 9.01 | 5.83 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 11/27/90 | --- | 14.84 | 9.54 | 5.30 | No | 1,300 | 2,300 | --- | --- | 630 | 16 | 32 | 29 |
| MW7 | 01/17/91 | --- | 14.84 | 8.50 | 6.34 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 03/26/91 | --- | 14.84 | 5.92 | 8.92 | No | <100 | <3,500 | --- | --- | 420 | 18 | 17 | 27 |
| MW7 | 05/02/91 | --- | 14.84 | 7.72 | 7.12 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 06/20/91 | --- | 14.84 | 8.19 | 6.65 | No | <100 | 3,100 | --- | --- | 270 | 8.8 | 33 | 19 |
| MW7 | 08/07/91 | --- | 14.84 | 8.70 | 6.14 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 09/17/91 | --- | 14.84 | 8.77 | 6.07 | No | --- | 2,400 | --- | --- | 390 | 10 | 15 | 18 |
| MW7 | 11/13/91 | --- | 14.84 | 8.51 | 6.33 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 12/10/91 | --- | 14.84 | 8.58 | 6.26 | No | 530 | 1,700 | --- | --- | 290 | 5.3 | 7.1 | <0.5 |
| MW7 | 01/21/92 | --- | 14.84 | 8.32 | 6.52 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 03/25/92 | --- | 14.84 | 9.27 | 5.57 | No | 760 | 1,500 | --- | --- | 320 | 7.2 | 16 | 19 |
| MW7 | 06/22/92 | --- | 14.84 | 6.97 | 7.87 | No | 830 | 3,100 | --- | --- | 260 | 5.8 | 21 | 27 |
| MW7 | 09/24/92 | --- | 14.84 | 8.00 | 6.84 | No | 660 | 3,900 | --- | --- | 160 | 4.6 | 3.7 | 13 |
| MW7 | 10/14/92 | --- | 14.84 | 8.15 | 6.69 | No | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW7 | 11/16/92 | --- | 14.84 | 7.92 | 6.92 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 12/08/92 | --- | 14.84 | 7.75 | 7.09 | No | 540 | 17,000 | --- | --- | 1,100 | 35 | 77 | 46 |
| MW7 | 01/27/93 | --- | 14.84 | 5.09 | 9.75 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 02/18/93 | --- | 14.84 | 4.51 | 10.33 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 03/10/93 | --- | 14.84 | 4.78 | 10.06 | No | 640 | 3,500 | --- | --- | 160 | 6.2 | 22 | 19 |
| MW7 | 04/06/93 | --- | 14.84 | 4.48 | 10.36 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 05/28/93 | --- | 14.84 | 5.44 | 9.40 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 06/10/93 | --- | 14.84 | 5.60 | 9.24 | No | 570 | 1,600 | --- | --- | 140 | 6.5 | 22 | 61 |
| MW7 | 07/17/93 | --- | 14.84 | 6.33 | 8.51 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 08/11/93 | --- | 14.84 | 6.87 | 7.97 | No | 370/2,000q | 2,700 | --- | --- | 130/140o | 1.3/5o | 13/12o | 12/10o |
| MW7 | 09/01/93 | --- | 14.84 | 7.12 | 7.72 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 10/26/93 | --- | 14.84 | 7.67 | 7.17 | No | 1,000 | 2,500 | --- | --- | 90 | 4.7 | 6.6 | 15 |
| MW7 | 11/12/93 | --- | 14.84 | 7.69 | 7.15 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 12/27/93 | --- | 14.84 | 7.42 | 7.42 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 01/20/94 | --- | 14.84 | 8.67 | 6.17 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 02/02/94 - 02/03/94 | --- | 14.84 | 8.47 | 6.37 | No | 1,300 | 2,900 | --- | --- | 79 | 5.0 | 8.2 | 21 |
| MW7 | 03/10/94 | --- | 14.84 | 8.24 | 6.37 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 04/22/94 | --- | 14.84 | 7.95 | 6.89 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 05/10/94 - 05/11/94 | --- | 14.84 | 7.53 | 7.31 | No | 1,300 | 2,400 | --- | --- | 88 | 5.6 | 5.2 | 15 |
| MW7 | 06/27/94 | --- | 14.84 | 8.01 | 6.83 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 08/31/94 | --- | 14.84 | 9.19 | 5.65 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 09/29/94 | --- | 14.84 | 9.65 | 5.19 | No | 56 | 1,900 | --- | --- | 71 | 3.1 | 3.5 | 7.8 |
| MW7 | 10/25/94 | --- | 14.84 | 9.96 | 4.88 | No | 89 | 1,400 | --- | --- | 51 | 1.5 | 24 | 6.8 |
| MW7 | 11/30/94 | --- | 14.84 | 7.78 | 7.06 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 12/27/94 | --- | 14.84 | 7.51 | 7.33 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 02/06/95 | --- | 14.84 | 5.79 | 9.05 | No | 1,300 | 2,500 | --- | --- | 130 | <10 | <10 | <10 |
| MW7 | 06/07/95 | --- | 14.84 | 7.73 | 7.11 | No | 1,200 | 2,400 | 39 | --- | 91 | 5 | 7.6 | 14 |
| MW7 | 06/22/95 | --- | 14.84 | 6.97 | 7.87 | No | 660 | 3,900 | --- | --- | 260 | 5.8 | 21 | 27 |
| MW7 | 09/18/95 | --- | 14.84 | 9.81 | 5.03 | No | 1,100 | 1,800 | <25 | --- | 17 | <5.0 | <5.0 | <5.0 |
| MW7 | 11/01/95 | --- | 14.84 | 10.56 | 4.28 | No | 1,700 | 3,000 | <13 | --- | 2.7 | 11 | 25 | <2.5 |
| MW7 | 02/14/96 | --- | 14.84 | 8.04 | 6.80 | No | 1,200 | 1,900 | <25 | --- | 59 | <5.0 | <5.0 | <5.0 |
| MW7 | 06/19/96 | --- | 14.84 | 7.33 | 7.51 | No | 1,400 | 2,000 | <25 | --- | 96 | <5.0 | <5.0 | 5.6 |
| MW7 | 09/24/96 | --- | 14.84 | 10.10 | 4.74 | No | 1,100 | 950 | <25 | --- | 6.8 | <5.0 | <5.0 | <5.0 |
| MW7 | 12/11/96 | --- | 14.84 | 8.50 | 6.34 | No | 1,600 | 2,500 | <10 | --- | 50 | <2.0 | 6.4 | 30 |
| MW7 | 03/19/97 | --- | 14.84 | 8.88 | 5.96 | No | 840 | 2,700 | <25 | --- | 61 | 8.0 | 21 | 68 |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW7 | 06/04/97 | --- | 14.84 | 9.38 | 5.46 | No | 1,000 | 1,900 | <2.5 | --- | 45 | <2.0 | 5.3 | 13 |
| MW7 | 09/02/97 | --- | 14.84 | 9.69 | 5.15 | No | 790 | 1,700 | <2.5 | --- | 28 | 2.2 | <2.0 | 5.9 |
| MW7 | 12/02/97 | --- | 14.84 | 8.65 | 6.19 | No | 1,100 | 2,000 | 14 | --- | 33 | 2.2 | 2.0 | 5.8 |
| MW7 | 03/24/98 | --- | 14.84 | 6.40 | 8.44 | No | 950 | 2,300 | <25 | --- | 73 | <5.0 | <5.0 | 22 |
| MW7 | 06/23/98 | --- | 14.84 | 8.34 | 6.50 | No | 1,600 | 4,700 | 140 | --- | 50 | <5.0 | 12 | 20 |
| MW7 | 09/29/98 | --- | 14.84 | 9.76 | 5.08 | No | 630 | 700 | <5.0 | --- | 2.7 | 1.3 | 2.4 | 5.3 |
| MW7 | 12/30/98 | --- | 14.84 | 8.86 | 5.98 | No | 1,700 | 1,400 | <5.0 | --- | 17 | 7.7 | 2.8 | 16 |
| MW7 | 03/24/99 | --- | 14.84 | 5.48 | 9.36 | Sheen | 860 | 1,740 | 6.73 | --- | 59.2 | 2.76 | 4.33 | 15.1 |
| MW7 | 06/22/99 | --- | 14.84 | 6.54 | 8.30 | No | 5,330 | 3,250 | <4.0 | --- | 59.5 | 3.96 | 2.89 | 6.38 |
| MW7 | 09/29/99 | --- | 14.84 | 8.45 | 6.39 | No | 1,750f | 1,360c,d | <25 | --- | 3.07 | <2.5 | 5.02 | 6.32 |
| MW7 | 12/21/99 | --- | 14.84 | 8.39 | 6.45 | No | 4,600 | 2,900 | <2 | --- | 47 | 2 | 1.7 | 8.53 |
| MW7 | 03/21/00 | --- | 14.84 | 4.72 | 10.12 | No | 1,500 | 760 | <2 | --- | 43 | 2 | 2.2 | 10.8 |
| MW7 | 12/21/00 | --- | Well destroyed. | | | | | | | | | | | |
| MW8 | Prior to September 1987 | --- | Well installed. | | | | | | --- | | | | | |
| MW8 | Sept 1987 | --- | 13.45 | --- | --- | --- | --- | 1,325 | --- | --- | 81 | 74 | 42 | 182 |
| MW8 | May 1988 | --- | 13.45 | --- | --- | LPH | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 04/25/89 | --- | 13.45 | 8.31 | 5.67 | 0.66 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 07/19/89 | --- | 13.45 | 10.97 | 3.48 | 1.25 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 07/27/89 | --- | 13.45 | 10.34 | 3.17 | 0.08 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 09/06/89 | --- | 13.45 | 11.09 | 2.50 | 0.17 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 09/22/89 | --- | 13.45 | 11.58 | 2.16 | 0.36 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 11/01/89 | --- | 13.45 | 11.03 | 2.42 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 11/15/89 | --- | 13.45 | 11.25 | 2.21 | 0.01 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 12/06/89 | --- | 13.45 | 10.30 | 3.15 | Sheen | 34,000 | 42,000 | --- | --- | 2,600 | 630 | 210 | 3,700 |
| MW8 | 02/20/90 | --- | 13.45 | 8.00 | 5.46 | 0.01 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 04/19/90 | --- | 13.45 | 8.50 | 4.95 | No | 53,000 | 49,000 | --- | --- | 2,100 | 820 | 1,100 | 4,800 |
| MW8 | 07/03/90 | --- | 13.45 | 7.55 | 5.90 | No | 32,000 | 44,000 | --- | --- | 4,000 | 1,500 | 2,000 | 6,300 |
| MW8 | 07/26/90 | --- | 13.45 | 7.86 | 5.59 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 08/20/90 | --- | 13.45 | 8.92 | 4.53 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 09/19/90 | --- | 13.45 | 9.55 | 3.90 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 11/27/90 | --- | 13.45 | 10.29 | 3.17 | 0.01 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 01/17/91 | --- | 13.45 | 9.97 | 3.48 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 03/26/91 | --- | 13.45 | 8.45 | 5.00 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 05/02/91 | --- | 13.45 | 8.85 | 4.60 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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 | 06/20/91 | --- | 13.45 | 9.45 | 4.00 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 08/07/91 | --- | 13.45 | 10.00 | 3.45 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 09/17/91 | --- | 13.45 | 10.11 | 3.34 | Sheen | --- | 57,000 | --- | --- | 14,000 | 7,800 | 3,100 | 12,000 |
| MW8 | 11/13/91 | --- | 13.45 | 9.63 | 3.82 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 12/10/91 | --- | 13.45 | 9.66 | 3.79 | Sheen | 1,400 | 66,000 | --- | --- | 9,500 | 5,000 | 3,100 | 12,000 |
| MW8 | 01/21/92 | --- | 13.45 | 9.35 | 4.10 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 03/25/92 | --- | 13.45 | 8.02 | 5.43 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 06/22/92 | --- | 13.45 | 7.01 | 6.44 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 09/24/92 | --- | 13.45 | 8.33 | 5.12 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 10/14/92 | --- | 13.45 | 8.65 | 4.80 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 11/16/92 | --- | 13.45 | 8.27 | 5.18 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 12/08/92 | --- | 13.45 | 8.25 | 5.20 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 01/27/93 | --- | 13.45 | 5.22 | 8.23 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 02/18/93 | --- | 13.45 | 4.27 | 9.18 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 03/10/93 | --- | 13.45 | 5.30 | 8.15 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 04/06/93 | --- | 13.45 | 4.56 | 8.89 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 05/28/93 | --- | 13.45 | 5.62 | 7.83 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 06/10/93 | --- | 13.45 | 5.75 | 7.70 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 07/17/93 | --- | 13.45 | 6.43 | 7.02 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 08/11/93 | --- | 13.45 | 6.99 | 6.46 | Sheen | 2,600/370q | 53,000 | --- | --- | 4,200/4,900o | 1,300/1,600o | 2,600/3,300o | 7,200/8,200o |
| MW8 | 09/01/93 | --- | 13.45 | 7.33 | 6.12 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 10/26/93 | --- | 13.45 | 7.98 | 5.47 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 11/12/93 | --- | 13.45 | 8.07 | 5.38 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 12/27/93 | --- | 13.45 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 01/20/94 | --- | 13.45 | 8.90 | 4.55 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 02/02/94 - 02/03/94 | --- | 13.45 | 8.58 | 4.87 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 03/10/94 | --- | 13.45 | 7.16 | 6.29 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 04/22/94 | --- | 13.45 | 7.34 | 6.11 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 05/10/94 - 05/11/94 | --- | 13.45 | 7.04 | 6.41 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW8 | 06/27/94 | --- | 13.45 | 6.01 | 7.44 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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 | 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 | No | 8,000 | 20,000 | <50 | --- | 57 | <50 | 850 | 660 |
| MW8 | 12/02/97 | --- | 13.45 | 8.83 | 4.62 | No | 2,700 | 6,900 | 130 | --- | 83 | <10 | <10 | 100 |
| MW8 | 03/24/98 | --- | 13.45 | 6.52 | 6.93 | No | 2,900 | 10,000 | <125 | --- | 190 | <25 | 470 | 330 |
| MW8 | 06/23/98 | --- | 13.45 | 9.02 | 4.43 | No | 3,700 | 10,000 | <50 | --- | 140 | <10 | 460 | 260 |
| MW8 | 09/29/98 | --- | 13.45 | 9.72 | 3.73 | No | 3,600 | 12,000 | 130 | --- | 46 | <10 | 340 | 190 |
| MW8 | 12/30/98 | --- | 13.45 | 9.06 | 4.39 | No | 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 | No | 2,170f | 5,420 | <25 | --- | 20.4 | <5.0 | <5.0 | 38.5 |
| MW8 | 12/21/99 | --- | 13.45 | 8.41 | 5.04 | No | 2,100 | 4,700 | <2 | --- | 190 | 15 | 160 | 68.2 |
| MW8 | 03/21/00 | --- | 13.45 | 4.47 | 8.98 | No | --- | 6,300 | 270 | --- | 380 | 12 | 260 | 86 |
| MW8 | 12/21/00 | --- | Well destroyed. | | | | | | | | | | | |
| MW9 | Prior to May 1988 | --- | Well installed. | | | | | | --- | | | | | |
| MW9 | May 1988 | --- | 14.64 | --- | --- | --- | --- | <50 | --- | --- | <0.5 | 1 | <1 | <1 |
| MW9 | 04/25/89 | --- | 14.64 | 8.25 | 6.39 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 09/06/89 | --- | 14.64 | Well inaccessible. | | | | | | | | | | |
| MW9 | 09/22/89 | --- | 14.64 | Well inaccessible. | | | | | | | | | | |
| MW9 | 12/06/89 | --- | 14.64 | 10.12 | 4.52 | No | 110 | 100 | --- | --- | 1.8 | 3.7 | 1.4 | 8.8 |
| MW9 | 02/20/90 | --- | 14.64 | 9.38 | 5.26 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 04/19/90 | --- | 14.64 | 9.40 | 5.25 | No | <100 | <20 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 07/03/90 | --- | 14.64 | 8.79 | 5.85 | No | <100 | <20 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 07/26/90 | --- | 14.64 | 8.70 | 5.94 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 08/20/90 | --- | 14.64 | 9.09 | 5.55 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 09/19/90 | --- | 14.64 | 9.52 | 5.12 | No | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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 | 11/27/90 | --- | 14.64 | 9.89 | 4.75 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 01/17/91 | --- | 14.64 | Well inaccessible. | | | | | | | | | | |
| MW9 | 03/26/91 | --- | 14.64 | Well inaccessible. | | | | | | | | | | |
| MW9 | 05/02/91 | --- | 14.64 | 9.10 | 5.54 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 06/20/91 | --- | 14.64 | 8.76 | 5.88 | No | <100 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 08/07/91 | --- | 14.64 | 9.37 | 5.27 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 09/17/91 | --- | 14.64 | 9.57 | 5.07 | No | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 11/13/91 | --- | 14.64 | 9.46 | 5.18 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 12/10/91 | --- | 14.64 | 9.30 | 5.34 | No | 52 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 01/21/92 | --- | 14.64 | 9.68 | 4.96 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 03/25/92 | --- | 14.64 | 8.93 | 5.71 | No | <50 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 06/22/92 | --- | 14.64 | 7.45 | 7.19 | No | <50 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 09/24/92 | --- | 14.64 | 8.69 | 5.95 | No | <50 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 10/14/92 | --- | 14.64 | 8.83 | 5.81 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 11/16/92 | --- | 14.64 | 8.80 | 5.84 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 12/08/92 | --- | 14.64 | 8.70 | 5.94 | No | <50 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 01/27/93 | --- | 14.64 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 02/18/93 | --- | 14.64 | 9.22 | 5.42 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 03/10/93 | --- | 14.64 | 5.25 | 9.39 | No | <50 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 04/06/93 | --- | 14.64 | 5.07 | 9.57 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 05/28/93 | --- | 14.64 | 6.08 | 8.56 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 06/10/93 | --- | 14.64 | 6.27 | 8.37 | No | <50 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 07/17/93 | --- | 14.64 | 7.09 | 7.55 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 08/11/93 | --- | 14.64 | 7.60 | 7.04 | No | <50/<50p | <50 | --- | --- | <0.5/<5o | <0.5/<5o | <0.5/<5o | <0.5/<5o |
| MW9 | 09/01/93 | --- | 14.64 | 7.95 | 6.69 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 10/26/93 | --- | 14.64 | 8.44 | 6.20 | No | <50 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 11/12/93 | --- | 14.64 | 8.44 | 6.20 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 12/27/93 | --- | 14.64 | 8.37 | 6.27 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 01/20/94 | --- | 14.64 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 02/02/94 - 02/03/94 | --- | 14.64 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 03/10/94 | --- | 14.64 | 6.90 | 7.74 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 04/22/94 | --- | 14.64 | 7.38 | 7.26 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 05/10/94 - 05/11/94 | --- | 14.64 | 6.96 | 7.68 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 06/27/94 | --- | 14.64 | 7.65 | 6.99 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 08/31/94 | --- | 14.64 | 8.87 | 5.77 | No | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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 | 09/29/94 | --- | 14.64 | 9.19 | 5.45 | No | <50 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 10/25/94 | --- | 14.64 | 9.66 | 4.98 | No | <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 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 02/06/95 | --- | 14.64 | 5.74 | 8.90 | No | 56 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 06/07/95 | --- | 14.64 | 8.33 | 6.31 | No | 72 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 09/18/95 | --- | 14.64 | 9.28 | 5.36 | No | 60 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 11/01/95 | --- | 14.64 | 10.09 | 4.55 | No | 61 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 02/14/96 | --- | 14.64 | 6.26 | 8.38 | No | 83 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 06/19/96 | --- | 14.64 | 6.68 | 7.96 | No | 68 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 09/24/96 | --- | 14.64 | 9.72 | 4.92 | No | <50 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 12/11/96 | --- | 14.64 | 8.11 | 6.53 | No | 91 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 03/19/97 | --- | 14.64 | 7.72 | 6.92 | No | 140 | <50 | <2.5 | --- | 0.83 | <0.5 | <0.5 | <0.5 |
| MW9 | 06/04/97 | --- | 14.64 | 8.87 | 5.77 | No | <50 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 09/02/97 | --- | 14.64 | 9.44 | 5.20 | No | 140 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 12/02/97 | --- | 14.64 | 8.43 | 6.21 | No | 71 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 03/24/98 | --- | 14.64 | 5.84 | 8.80 | No | 62 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 06/23/98 | --- | 14.64 | 7.81 | 6.83 | No | 69 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 09/29/98 | --- | 14.64 | 9.26 | 5.38 | No | 52 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 12/30/98 | --- | 14.64 | 8.28 | 6.36 | No | 74 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9 | 03/24/99 | --- | 14.64 | 4.74 | 9.90 | No | 71.1 | b | b | --- | b | b | b | b |
| MW9 | 06/22/99 | --- | 14.64 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 09/29/99 | --- | 14.64 | 8.41 | 6.23 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 12/21/99 | --- | 14.64 | 8.20 | 6.44 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 03/21/00 | --- | 14.64 | 4.59 | 10.05 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9 | 12/21/00 | --- | Well destroyed. | | | | | | | | | | | |
| MW10 | Prior to 12/06/08 | --- | Well installed. | | | | | | --- | | | | | |
| MW10 | 12/06/89 | --- | 14.05 | 10.46 | 3.59 | No | <100 | 320 | --- | --- | 3.7 | 14 | 5.6 | 32 |
| MW10 | 02/20/90 | --- | 14.05 | 8.12 | 5.93 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW10 | 04/19/90 | --- | 14.05 | 8.54 | 5.51 | No | <100 | <20 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 07/03/90 | --- | 14.05 | 7.88 | 6.17 | No | <100 | <20 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 07/26/90 | --- | 14.05 | 8.19 | 5.86 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW10 | 08/20/90 | --- | 14.05 | 10.33 | 3.72 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW10 | 09/19/90 | --- | 14.05 | 9.49 | 4.56 | No | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW10 | 11/27/90 | --- | 14.05 | 9.89 | 4.16 | No | <100 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 01/17/91 | --- | 14.05 | 9.19 | 4.86 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW10 | 03/26/91 | --- | 14.05 | 7.48 | 6.57 | No | <100 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 05/02/91 | --- | 14.05 | 8.16 | 5.89 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW10 | 06/20/91 | --- | 14.05 | 8.75 | 5.3 | No | <100 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 08/07/91 | --- | 14.05 | 9.53 | 4.52 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW10 | 09/17/91 | --- | 14.05 | 9.72 | 4.33 | No | <100 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 11/13/91 | --- | 14.05 | 10.02 | 4.03 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW10 | 12/10/91 | --- | 14.05 | 9.12 | 4.93 | No | <50 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 01/21/92 | --- | 14.05 | 8.31 | 5.74 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW10 | 03/25/92 | --- | 14.05 | 5.70 | 8.35 | No | <50 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 06/22/92 | --- | 14.05 | 7.50 | 6.55 | No | <50 | <50 | --- | --- | <0.5 | 0.6 | <0.5 | 0.8 |
| MW10 | 09/24/92 | --- | 14.05 | 8.68 | 5.37 | No | <50 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 10/14/92 | --- | 14.05 | 8.88 | 5.17 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW10 | 11/16/92 | --- | 14.05 | 8.70 | 5.35 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW10 | 12/08/92 | --- | 14.05 | 8.31 | 5.74 | No | <50 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | 0.9 |
| MW10 | 01/27/93 | --- | 14.05 | 5.49 | 8.56 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW10 | 02/18/93 | --- | 14.05 | 4.26 | 9.79 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW10 | 03/10/93 | --- | 14.05 | 5.40 | 8.65 | No | <50 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 04/06/93 | --- | 14.05 | 5.28 | 8.77 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW10 | 05/28/93 | --- | 14.05 | 6.22 | 7.83 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW10 | 06/10/93 | --- | 14.05 | 6.49 | 7.56 | No | <50 | <50 | --- | --- | <0.5 | 0.6 | 0.7 | 1.2 |
| MW10 | 07/17/93 | --- | 14.05 | 6.79 | 7.26 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW10 | 08/11/93 | --- | 14.05 | 7.20 | 6.85 | No | <50/<50p | <50 | --- | --- | <0.5/<5o | <0.5/<5o | <0.5/<5o | 1.4/<5o |
| MW10 | 09/01/93 | --- | 14.05 | 8.03 | 6.02 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW10 | 10/26/93 | --- | 14.05 | 8.38 | 5.67 | No | <50 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 11/12/93 | --- | 14.05 | 8.49 | 5.56 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW10 | 12/27/93 | --- | 14.05 | 8.22 | 5.83 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW10 | 01/20/94 | --- | 14.05 | 8.40 | 5.65 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW10 | 02/02/94 - 02/03/94 | --- | 14.05 | 8.00 | 6.05 | No | <50 | <50 | --- | --- | <0.5 | 1.0 | <0.5 | 1.8 |
| MW10 | 03/10/94 | --- | 14.05 | 7.56 | 6.49 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW10 | 04/22/94 | --- | 14.05 | 7.35 | 6.70 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW10 | 05/10/94 - 05/11/94 | --- | 14.05 | 7.06 | 6.99 | No | <50 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 06/27/94 | --- | 14.05 | 7.59 | 6.46 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW10 | 08/31/94 | --- | 14.05 | 8.73 | 5.32 | No | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW10 | 09/29/94 | --- | 14.05 | 9.07 | 4.98 | No | <50 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 10/25/94 | --- | 14.05 | 9.41 | 4.64 | No | <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 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW10 | 02/06/95 | --- | 14.05 | 5.60 | 8.45 | No | --- | <50 | <50 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 06/07/95 | --- | 14.05 | 7.12 | 6.93 | No | <50 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 09/18/95 | --- | 14.05 | 8.54 | 5.51 | No | <50 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 11/01/95 | --- | 14.05 | 9.44 | 4.61 | No | <50 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 02/14/96 | --- | 14.05 | 9.36 | 4.69 | No | 64 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 06/19/96 | --- | 14.05 | 7.32 | 6.73 | No | <50 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 09/24/96 | --- | 14.05 | 9.07 | 4.98 | No | <50 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 12/11/96 | --- | 14.05 | 7.73 | 6.32 | No | 67 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 03/19/97 | --- | 14.05 | 7.62 | 6.43 | No | 51 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 06/04/97 | --- | 14.05 | 8.38 | 5.67 | No | <50 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 09/02/97 | --- | 14.05 | 8.64 | 5.41 | No | 120 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 12/02/97 | --- | 14.05 | 7.22 | 6.83 | No | <50 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 03/24/98 | --- | 14.05 | 5.71 | 8.34 | No | <50 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 06/23/98 | --- | 14.05 | 7.23 | 6.82 | No | 90 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 09/29/98 | --- | 14.05 | 8.39 | 5.66 | No | <50 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 12/06/98 | --- | 14.05 | 10.46 | 3.59 | No | <100 | 320 | --- | --- | 4 | 14 | 6 | 32 |
| MW10 | 12/30/98 | --- | 14.05 | 7.74 | 6.31 | No | 58 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 03/24/99 | --- | 14.05 | 4.74 | 9.31 | No | <50 | <50 | <2.0 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW10 | 06/22/99 | --- | 14.05 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW10 | 09/29/99 | --- | 14.05 | 8.17 | 5.88 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW10 | 12/21/99 | --- | 14.05 | 7.87 | 6.18 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW10 | 12/21/00 | --- | Well destroyed. | | | | | | | | | | | |
| MW11 | Prior to 12/06/08 | --- | Well installed. | | | | | | --- | | | | | |
| MW11 | 12/06/89 | --- | 13.55 | 10.62 | 2.93 | No | <100 | 78 | --- | --- | 5.9 | 6.3 | <0.5 | 48,000 |
| MW11 | 02/20/90 | --- | 13.55 | 9.20 | 4.35 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 04/19/90 | --- | 13.55 | 9.80 | 3.75 | No | <100 | <20 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 07/03/90 | --- | 13.55 | 8.90 | 4.65 | No | <100 | <20 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 07/26/90 | --- | 13.55 | 9.36 | 4.19 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 08/20/90 | --- | 13.55 | 9.90 | 3.65 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 09/19/90 | --- | 13.55 | 10.39 | 3.16 | No | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW11 | 11/27/90 | --- | 13.55 | 10.97 | 2.58 | No | <100 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 01/17/91 | --- | 13.55 | 10.76 | 2.79 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 03/26/91 | --- | 13.55 | 8.80 | 4.75 | No | <100 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 05/02/91 | --- | 13.55 | 9.38 | 4.17 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 06/20/91 | --- | 13.55 | 10.16 | 3.39 | No | <100 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 08/07/91 | --- | 13.55 | 10.69 | 2.86 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 09/17/91 | --- | 13.55 | 10.80 | 2.75 | No | --- | <50 | --- | --- | <0.5 | 0.7 | <0.5 | <0.5 |
| MW11 | 11/13/91 | --- | 13.55 | 10.44 | 3.11 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 12/10/91 | --- | 13.55 | 10.84 | 3.07 | No | <50 | <50 | --- | --- | <0.5 | 0.7 | <0.5 | <0.5 |
| MW11 | 01/21/92 | --- | 13.55 | 10.10 | 3.45 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 03/25/92 | --- | 13.55 | 7.30 | 6.25 | No | <50 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 06/22/92 | --- | 13.55 | 9.02 | 4.53 | No | 57 | 84 | --- | --- | 1.5 | 3.1 | 1.4 | 9.6 |
| MW11 | 09/24/92 | --- | 13.55 | 9.91 | 3.64 | No | <50 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 10/14/92 | --- | 13.55 | 10.11 | 3.44 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 11/16/92 | --- | 13.55 | 9.79 | 3.76 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 12/08/92 | --- | 13.55 | 9.77 | 3.78 | No | 310 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 01/27/93 | --- | 13.55 | 5.67 | 7.88 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 02/18/93 | --- | 13.55 | 5.06 | 8.49 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 03/10/93 | --- | 13.55 | 6.40 | 7.14 | No | 240 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 04/06/93 | --- | 13.55 | 6.42 | 7.13 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 05/28/93 | --- | 13.55 | 7.65 | 5.90 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 06/10/93 | --- | 13.55 | 7.80 | 5.75 | No | 50 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 07/17/93 | --- | 13.55 | 8.42 | 5.13 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 08/11/93 | --- | 13.55 | 8.87 | 4.68 | No | <50/<50p | <50 | --- | --- | 0.5/<5o | 0.7/<5o | 1.2/<5o | 2.7/<5o |
| MW11 | 09/01/93 | --- | 13.55 | 9.09 | 4.46 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 10/26/93 | --- | 13.55 | 9.70 | 3.85 | No | 80 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 11/12/93 | --- | 13.55 | 9.72 | 3.83 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 12/27/93 | --- | 13.55 | 9.56 | 3.99 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 01/20/94 | --- | 13.55 | 9.61 | 3.94 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 02/02/94 - 02/03/94 | --- | 13.55 | 9.56 | 3.99 | No | 160 | <50 | --- | --- | <0.5 | 1.0 | <0.5 | 0.9 |
| MW11 | 03/10/94 | --- | 13.55 | 8.59 | 4.96 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 04/22/94 | --- | 13.55 | 8.47 | 5.08 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 05/10/94 - 05/11/94 | --- | 13.55 | 8.12 | 5.43 | No | 100g | <50 | --- | --- | <0.5a | <0.5 | <0.5 | 3.2 |
| MW11 | 06/24/94 | --- | 13.55 | 8.65 | 4.90 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 08/31/94 | --- | 13.55 | 9.80 | 3.75 | No | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW11 | 09/29/94 | --- | 13.55 | 10.16 | 3.39 | No | <50 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 10/25/94 | --- | 13.55 | 10.48 | 3.07 | No | <50 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 11/30/94 | --- | 13.55 | 8.55 | 5.00 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 12/27/94 | --- | 13.55 | 7.98 | 5.57 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 02/06/95 | --- | 13.55 | 6.49 | 7.06 | No | 160 | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 06/07/95 | --- | 13.55 | 7.98 | 5.57 | No | 50 | <50 | 42 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 09/18/95 | --- | 13.55 | 10.12 | 3.43 | No | 56 | <50 | 32 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 11/01/95 | --- | 13.55 | 10.75 | 2.80 | No | 170 | <50 | 35 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 02/14/96 | --- | 13.55 | 8.03 | 5.52 | No | 76 | <50 | 37 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 06/19/96 | --- | 13.55 | 7.85 | 5.70 | No | 92 | <50 | 33 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 09/24/96 | --- | 13.55 | 10.45 | 3.10 | No | 58 | <50 | 40 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 12/11/96 | --- | 13.55 | 9.02 | 4.53 | No | 110 | <50 | 10 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 03/19/97 | --- | 13.55 | 9.16 | 4.39 | No | 100 | <50 | 6.9 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 06/04/97 | --- | 13.55 | 9.91 | 3.64 | No | <50 | <50 | 5.6 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 09/02/97 | --- | 13.55 | 10.25 | 3.30 | No | 150 | <50 | 4.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 12/02/97 | --- | 13.55 | 9.33 | 4.22 | No | 70 | <50 | 5.8 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 03/24/98 | --- | 13.55 | 6.77 | 6.78 | No | <50 | <50 | 4.1 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 06/23/98 | --- | 13.55 | 8.99 | 4.56 | No | 70 | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 09/29/98 | --- | 13.55 | 9.89 | 3.66 | No | 76 | <50 | 7.7 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 12/30/98 | --- | 13.55 | 9.17 | 4.38 | No | 71 | <50 | 3.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW11 | 03/24/99 | --- | 13.55 | 5.79 | 7.76 | No | 58.2 | <50 | 4.51 | --- | <0.5 | 1.20 | <0.5 | <0.5 |
| MW11 | 06/22/99 | --- | 13.55 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 09/29/99 | --- | 13.55 | 9.14 | 4.41 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 12/21/99 | --- | 13.55 | 9.01 | 4.54 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 03/21/00 | --- | 13.55 | 5.68 | 7.87 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW11 | 12/21/00 | --- | Well destroyed. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| MW12 | 11/27/89 | --- | Well installed. | | | | | | --- | | | | | |
| MW12 | 12/06/89 | --- | 12.61 | 8.00 | 4.61 | No | 4,000 | 85,000 | --- | --- | 6,700 | 6,300 | 1,800 | 7,800 |
| MW12 | 02/20/90 | --- | 12.61 | 6.33 | 6.28 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 04/19/90 | --- | 12.61 | 7.18 | 5.43 | No | 97,000 | 110,000 | --- | --- | 6,600 | 7,400 | 1,800 | 11,000 |
| MW12 | 07/03/90 | --- | 12.61 | 7.41 | 5.20 | No | 50,000 | 92,000 | --- | --- | 11,000 | 11,000 | 3,100 | 13,000 |
| MW12 | 07/26/90 | --- | 12.61 | 6.54 | 6.07 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 08/20/90 | --- | 12.61 | 7.23 | 5.38 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 09/19/90 | --- | 12.61 | 7.77 | 4.84 | No | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW12 | 11/27/90 | --- | 12.61 | 8.15 | 4.46 | No | --- | 69,000 | --- | --- | 11,000 | 10,000 | 3,100 | 12,000 |
| MW12 | 01/17/91 | --- | 12.61 | 8.06 | 4.55 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 03/26/91 | --- | 12.61 | 7.21 | 5.40 | No | <100 | 100,000 | --- | --- | 15,000 | 16,000 | 2,400 | 11,000 |
| MW12 | 05/02/91 | --- | 12.61 | 7.60 | 5.01 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 06/20/91 | --- | 12.61 | 8.02 | 4.59 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 08/07/91 | --- | 12.61 | 8.25 | 4.36 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 09/17/91 | --- | 12.61 | 8.20 | 4.41 | Sheen | | 82,000 | --- | --- | 22,000 | 18,000 | 3,900 | 16,000 |
| MW12 | 11/13/91 | --- | 12.61 | 7.77 | 4.84 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 12/01/91 | --- | 12.61 | 7.75 | 4.86 | Sheen | 1,700 | 99,000 | --- | --- | 18,000 | 16,000 | 3,000 | 11,000 |
| MW12 | 01/21/92 | --- | 12.61 | 7.08 | 5.53 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 03/25/92 | --- | 12.61 | 4.93 | 7.68 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 06/22/92 | --- | 12.61 | 6.04 | 6.57 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 09/24/92 | --- | 12.61 | 6.94 | 5.67 | No | 3,100 | 570,000 | --- | --- | 62,000 | 46,000 | 15,000 | 57,000 |
| MW12 | 10/14/92 | --- | 12.61 | 7.21 | 5.40 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 11/16/92 | --- | 12.61 | 7.00 | 5.61 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 12/08/92 | --- | 12.61 | 6.70 | 5.91 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 01/27/93 | --- | 12.61 | 4.16 | 8.45 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 02/18/93 | --- | 12.61 | 4.01 | 8.60 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 03/10/93 | --- | 12.61 | 3.94 | 8.67 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 04/06/93 | --- | 12.61 | 3.69 | 8.92 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 05/28/93 | --- | 12.61 | 4.66 | 7.95 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 06/10/93 | --- | 12.61 | 4.78 | 7.83 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 07/17/93 | --- | 12.61 | 5.42 | 7.19 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 08/11/93 | --- | 12.61 | 5.83 | 6.78 | Sheen | 2,400/190q | 94,000 | --- | --- | 10,000/13,000o | 8,300/11,000o | 2,800/4,000o | 13,000/15,000o |
| MW12 | 09/01/93 | --- | 12.61 | 6.22 | 6.39 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 10/26/93 | --- | 12.61 | 6.82 | 5.79 | No | 17,000 | 68,000 | --- | --- | 11,000 | 8,500 | 3,400 | 13,000 |
| MW12 | 11/12/93 | --- | 12.61 | 6.88 | 5.73 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 12/27/93 | --- | 12.61 | 8.04 | 4.57 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 01/20/94 | --- | 12.61 | 7.81 | 4.80 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 02/02/94 - 02/03/94 | --- | 12.61 | 7.22 | 5.39 | No | 18,000 | 48,000 | --- | --- | 4,000 | 2,700 | 2,900 | 9,900 |
| MW12 | 03/10/94 | --- | 12.61 | 6.16 | 6.45 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 04/22/94 | --- | 12.61 | 6.31 | 6.30 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 05/10/94 - 05/11/94 | --- | 12.61 | 6.16 | 6.45 | No | 8,200 | 46,000 | --- | --- | 3,000s | 1,600 | 2,900 | 9,100 |
| MW12 | 06/27/94 | --- | 12.61 | 6.55 | 6.06 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 08/31/94 | --- | 12.61 | 7.97 | 4.64 | No | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW12 | 09/29/94 | --- | 12.61 | 8.52 | 4.09 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 10/25/94 | --- | 12.61 | 8.74 | 3.87 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 11/30/94 | --- | 12.61 | 8.73 | 3.88 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 12/30/94 | --- | 12.61 | 6.17 | 6.44 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 02/06/95 | --- | 12.61 | 4.44 | 8.17 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 06/07/95 | --- | 12.61 | 6.59 | 6.02 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 09/18/95 | --- | 12.61 | 8.96 | 3.65 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 11/01/95 | --- | 12.61 | 10.75 | 1.86 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 02/14/96 | --- | 12.61 | 7.73 | 4.88 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 06/19/96 | --- | 12.61 | 5.80 | 6.81 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 09/24/96 | --- | 12.61 | 9.14 | 3.47 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 12/11/96 | --- | 12.61 | 7.31 | 5.30 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 03/19/97 | --- | 12.61 | 9.96 | 2.65 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 06/04/97 | --- | 12.61 | 8.81 | 3.80 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 09/02/97 | --- | 12.61 | 8.93 | 3.68 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW12 | 12/02/97 | --- | 12.61 | 8.41 | 4.20 | No | 3,900 | 45,000 | <250 | --- | 1,800 | 560 | 3,100 | 8,700 |
| MW12 | 03/24/98 | --- | 12.61 | 5.37 | 7.24 | No | 8,800 | 42,000 | <250 | --- | 820 | 280 | 2,800 | 6,800 |
| MW12 | 06/23/98 | --- | 12.61 | 8.43 | 4.18 | Sheen | 7,800 | 39,000 | 560 | --- | 1,000 | 200 | 2,300 | 4,900 |
| MW12 | 09/29/98 | --- | 12.61 | 8.94 | 3.67 | Sheen | 21,000 | 40,000 | <500 | --- | 1,100 | 150 | 2,200 | 3,100 |
| MW12 | 12/30/98 | --- | 12.61 | 8.47 | 4.14 | Sheen | 49,000 | 79,000 | <500 | --- | 1,400 | 400 | 3,300 | 8,500 |
| MW12 | 03/24/99 | --- | 12.61 | 3.71 | 8.90 | Sheen | 5,070 | 40,600 | <20 | --- | 328 | 182 | 1,690 | 3,930 |
| MW12 | 06/22/99 | --- | 12.61 | 4.91 | 7.70 | Sheen | 15,000 | 54,800 | 109 | --- | 203 | 244 | 1,530 | 3,790 |
| MW12 | 09/29/99 | --- | 12.61 | 7.41 | 5.20 | No | 6,830f | 22,900 | 194 | --- | 422 | 72.6 | 1,790 | 2,270 |
| MW12 | 12/21/99 | --- | 12.61 | 7.46 | 5.15 | No | 10,000 | 25,000 | <40 | --- | 580 | 26 | 1,400 | 1,360 |
| MW12 | 03/21/00 | --- | 12.61 | 3.57 | 9.04 | No | 4,400 | 23,000 | 860 | --- | 690 | 33 | 1,600 | 3,290 |
| MW12 | 03/30/01 | --- | 12.61 | Well covered by asphalt. | | | | | | | | | | |
| MW13 | Prior to 12/06/08 | --- | Well installed. | | | | | | --- | | | | | |
| MW13 | 12/06/89 | --- | 14.20 | 9.35 | 4.85 | No | 31,000 | 52,000 | --- | --- | 2,100 | 2,000 | 1,400 | 6,100 |
| MW13 | 02/20/90 | --- | 14.20 | 7.73 | 6.47 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 04/19/90 | --- | 14.20 | 8.68 | 5.52 | No | 54,000 | 59,000 | --- | --- | 1,800 | 1,500 | 1,400 | 7,200 |
| MW13 | 07/03/90 | --- | 14.20 | 8.00 | 6.20 | No | 26,000 | 53,000 | --- | --- | 4,500 | 3,100 | 2,200 | 7,800 |
| MW13 | 07/26/90 | --- | 14.20 | 7.95 | 6.25 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 08/20/90 | --- | 14.20 | 8.66 | 5.54 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 09/19/90 | --- | 14.20 | 9.13 | 5.07 | No | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW13 | 11/27/90 | --- | 14.20 | 9.49 | 4.71 | No | 1,600 | 20,000 | --- | --- | 4,500 | 1,100 | 880 | 3,300 |
| MW13 | 01/17/91 | --- | 14.20 | 9.61 | 4.59 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 03/26/91 | --- | 14.20 | 9.25 | 4.95 | No | <100 | 72,000 | --- | --- | 10,000 | 8,300 | 1,700 | 6,900 |
| MW13 | 05/02/91 | --- | 14.20 | 9.31 | 4.89 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 06/20/91 | --- | 14.20 | 9.73 | 4.47 | No | <100 | 44,000 | --- | --- | 5,600 | 3,100 | 750 | 2,600 |
| MW13 | 08/07/91 | --- | 14.20 | Well inaccessible. | | | | | | | | | | |
| MW13 | 09/17/91 | --- | 14.20 | 9.72 | 4.48 | No | --- | 40,000 | --- | --- | 11,000 | 6,500 | 2,400 | 8,100 |
| MW13 | 11/13/91 | --- | 14.20 | 9.06 | 5.14 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 12/10/91 | --- | 14.20 | 9.04 | 5.16 | No | 3,700 | 72,000 | --- | --- | 11,000 | 7,400 | 2,500 | 9,400 |
| MW13 | 01/21/92 | --- | 14.20 | 8.41 | 5.79 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 03/25/92 | --- | 14.20 | 5.72 | 8.48 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 06/22/92 | --- | 14.20 | 7.31 | 6.89 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 09/24/92 | --- | 14.20 | 8.30 | 5.90 | No | 2,900 | 86,000 | --- | --- | 9,500 | 6,100 | 2,400 | 10,000 |
| MW13 | 10/14/92 | --- | 14.20 | 8.56 | 5.64 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 11/16/92 | --- | 14.20 | 8.36 | 5.84 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 12/08/92 | --- | 14.20 | 8.10 | 6.10 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 01/27/93 | --- | 14.20 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 02/18/93 | --- | 14.20 | 4.89 | 9.31 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 03/10/93 | --- | 14.20 | 5.32 | 8.88 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 04/06/93 | --- | 14.20 | 5.10 | 9.10 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 05/28/93 | --- | 14.20 | 6.00 | 8.20 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 06/10/93 | --- | 14.20 | 6.15 | 8.05 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 07/17/93 | --- | 14.20 | 6.82 | 7.38 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 08/11/93 | --- | 14.20 | 7.31 | 6.89 | Sheen | 2,500/360q | 62,000 | --- | --- | 5,600/7,700o | 2,700/3,700o | 2,300/3,500o | 11,000/14,000o |
| MW13 | 09/01/93 | --- | 14.20 | 7.62 | 6.58 | Sheen | | | --- | --- | | | | |
| MW13 | 10/26/93 | --- | 14.20 | 8.22 | 5.98 | No | 15,000 | 46,000 | --- | --- | 5,200 | 3,200 | 2,500 | 11,000 |
| MW13 | 11/12/93 | --- | 14.20 | 8.29 | 5.91 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 12/27/93 | --- | 14.20 | --- | --- | --- | | | --- | --- | | | | |
| MW13 | 01/20/94 | --- | 14.20 | 9.08 | 5.12 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 02/02/94 - 02/03/94 | --- | 14.20 | 8.75 | 5.45 | No | 8,100 | 41,000 | --- | --- | 3,800 | 1,500 | 2,700 | 9,500 |
| MW13 | 03/10/94 | --- | 14.20 | 7.46 | 6.74 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 04/22/94 | --- | 14.20 | 7.78 | 6.42 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 05/10/94 - 05/11/94 | --- | 14.20 | 7.61 | 6.59 | No | 15,000 | 39,000 | --- | --- | 3,400 | 930 | 2,400 | 8,900 |
| MW13 | 06/27/94 | --- | 14.20 | 7.97 | 6.23 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 08/31/94 | --- | 14.20 | 9.21 | 4.99 | No | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW13 | 09/29/94 | --- | 14.20 | 9.61 | 4.59 | No | 320 | 57,000 | --- | --- | 2,100 | 470 | 2,600 | 8,100 |
| MW13 | 10/25/94 | --- | 14.20 | 9.93 | 4.27 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 11/30/94 | --- | 14.20 | 8.16 | 6.04 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 12/27/94 | --- | 14.20 | 7.61 | 6.59 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 02/06/95 | --- | 14.20 | 5.89 | 8.31 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 06/07/95 | --- | 14.20 | 8.05 | 6.15 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 09/18/95 | --- | 14.20 | 9.94 | 4.26 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 11/01/95 | --- | 14.20 | 10.48 | 3.72 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 02/14/96 | --- | 14.20 | 8.88 | 5.32 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 06/19/96 | --- | 14.20 | 7.22 | 6.98 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 09/24/96 | --- | 14.20 | 10.27 | 3.93 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 12/11/96 | --- | 14.20 | 8.77 | 5.43 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 03/19/97 | --- | 14.20 | 9.46 | 4.74 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 06/04/97 | --- | 14.20 | 9.59 | 4.61 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 09/02/97 | --- | 14.20 | 9.68 | 4.52 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW13 | 12/02/97 | --- | 14.20 | 9.16 | 5.04 | No | 16,000 | 14,000 | <250 | --- | 210 | <50 | 920 | 1,000 |
| MW13 | 03/24/98 | --- | 14.20 | 6.71 | 7.49 | No | 1,700 | 5,600 | 55 | --- | 110 | 6.0 | 420 | 330 |
| MW13 | 06/23/98 | --- | 14.20 | 8.87 | 5.33 | No | 3,800 | 12,000 | 200 | --- | 120 | <20 | 300 | 300 |
| MW13 | 09/29/98 | --- | 14.20 | 9.79 | 4.41 | No | 2,400 | 4,900 | 130 | --- | 130 | 12.0 | 410 | 200 |
| MW13 | 12/30/98 | --- | 14.20 | 9.03 | 5.17 | No | 2,000 | 6,700 | 520 | --- | 100 | 11 | 400 | 250 |
| MW13 | 03/24/99 | --- | 14.20 | 4.91 | 9.29 | Sheen | 688 | 3,730 | 15.5 | --- | 35.9 | 1.58 | 150 | 112 |
| MW13 | 06/22/99 | --- | 14.20 | 5.66 | 8.54 | Sheen | 4,090 | 7,220 | 56.4 | --- | 29.0 | <5.0 | 496 | 318 |
| MW13 | 09/29/99 | --- | 14.20 | 8.62 | 5.58 | No | 1,060f | 5,200 | 103 | --- | 83.0 | 5.90 | 322 | 126 |
| MW13 | 12/21/99 | --- | 14.20 | 8.59 | 5.61 | No | 1,800 | 4,400 | <2 | --- | 52 | 1.9 | 340 | 115 |
| MW13 | 03/21/00 | --- | 14.20 | Well inaccessible. | | | | | | | | | | |
| MW13 | 12/21/00 | --- | Well destroyed. | | | | | | | | | | | |
| MW14 | 10/31/90 | --- | Well installed. | | | | | | --- | | | | | |
| MW14 | 11/27/90 | --- | 15.18 | 9.88 | 5.30 | No | 120 | 390 | --- | --- | <0.5 | <0.5 | 3.6 | 3.7 |
| MW14 | 01/17/91 | --- | 15.18 | 9.13 | 6.05 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW14 | 03/26/91 | --- | 15.18 | 8.51 | 6.67 | No | <100 | 200 | --- | --- | <0.5 | 1.5 | 0.8 | 3.6 |
| MW14 | 05/02/91 | --- | 15.18 | 8.45 | 6.73 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW14 | 06/20/91 | --- | 15.18 | 8.38 | 6.80 | No | <100 | 110 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW14 | 09/17/91 | --- | 15.18 | 9.14 | 6.04 | No | --- | 450 | --- | --- | <0.5 | <0.5 | 3.2 | 2.3 |
| MW14 | 11/13/91 | --- | 15.18 | 8.83 | 6.35 | No | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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 | 12/10/91 | --- | 15.18 | 8.90 | 6.28 | No | 280 | 71 | --- | --- | 0.5 | <0.5 | <0.5 | <0.5 |
| MW14 | 01/21/92 | --- | 15.18 | 8.58 | 6.60 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW14 | 03/25/92 | --- | 15.18 | 6.15 | 9.03 | No | 640 | 61 | --- | --- | <0.5 | <0.5 | 1.1 | <0.5 |
| MW14 | 06/22/92 | --- | 15.18 | 7.70 | 7.48 | No | 350 | 140 | --- | --- | <0.5 | <0.5 | 0.6 | 2 |
| MW14 | 09/24/92 | --- | 15.18 | 9.34 | 5.84 | No | 300 | 75 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW14 | 10/14/92 | --- | 15.18 | 9.40 | 5.78 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW14 | 11/16/92 | --- | 15.18 | 9.17 | 6.01 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW14 | 12/08/92 | --- | 15.18 | 8.89 | 6.29 | No | 220 | 350 | --- | --- | 2.5 | 1.0 | 1.5 | 8.1 |
| MW14 | 01/17/93 | --- | 15.18 | 8.54 | 6.64 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW14 | 02/18/93 | --- | 15.18 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW14 | 03/10/93 | --- | 15.18 | 5.55 | 9.63 | No | <250p | 410 | --- | --- | <0.5 | <0.5 | 0.9 | 1.6 |
| MW14 | 04/06/93 | --- | 15.18 | 5.34 | 9.84 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW14 | 05/28/93 | --- | 15.18 | 6.07 | 9.11 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW14 | 06/10/93 | --- | 15.18 | 6.30 | 8.88 | No | 180 | 180 | --- | --- | <0.5 | <0.5 | 0.8 | 1.9/500r |
| MW14 | 07/17/93 | --- | 15.18 | 7.77 | 7.41 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW14 | 08/11/93 | --- | 15.18 | 7.62 | 7.56 | No | 180/140q | 180 | --- | --- | 0.6/<5o | <0.5/<5o | 1.6/<5o | 3.7/<5o |
| MW14 | 09/01/93 | --- | 15.18 | 8.09 | 7.09 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW14 | 10/26/93 | --- | 15.18 | 8.18 | 7.00 | No | 200 | 260 | --- | --- | <0.5 | <0.5 | <0.5 | 3.6 |
| MW14 | 11/12/93 | --- | 15.18 | 8.16 | 7.02 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW14 | 12/27/93 | --- | 15.18 | 7.95 | 7.23 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW14 | 01/20/94 | --- | 15.18 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW14 | 02/02/94 - 02/03/94 | --- | 15.18 | Well inaccessible. | | | | | | | | | | |
| MW14 | 03/10/94 | --- | 15.18 | 7.84 | 7.34 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW14 | 04/22/94 | --- | 15.18 | 8.00 | 7.18 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW14 | 05/10/94 - 05/11/94 | --- | 15.18 | 7.93 | 7.25 | No | 1,100s | 300 | --- | --- | 2.7 | 7.9 | 2.0 | 27 |
| MW14 | 06/27/94 | --- | 15.18 | 8.19 | 6.99 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW14 | 08/31/94 | --- | 15.18 | 9.44 | 5.74 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW14 | 09/29/94 | --- | 15.18 | 9.82 | 5.36 | No | --- | 300 | 1,600 | --- | <0.5 | <0.5 | 0.9 | 1.3 |
| MW14 | 10/25/94 | --- | 15.18 | 9.99 | 5.19 | No | --- | 200 | 210 | --- | <0.5 | <0.5 | 0.8 | <0.5 |
| MW14 | 11/30/94 | --- | 15.18 | 8.16 | 7.02 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW14 | 12/27/94 | --- | 15.18 | 8.15 | 7.03 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW14 | 02/06/95 | --- | 15.18 | 7.18 | 8.00 | No | 1,200 | 360 | --- | --- | <1.0 | <1.0 | <1.0 | <1.0 |
| MW14 | 06/07/95 | --- | 15.18 | 7.70 | 7.48 | No | 1,100 | 670 | <2.5 | --- | <0.5 | <0.5 | 3.6 | <0.5 |
| MW14 | 09/18/95 | --- | 15.18 | 9.88 | 5.30 | No | 1,900 | 1,300 | <10 | --- | <2.0 | <2.0 | <2.0 | 3 |
| MW14 | 11/01/95 | --- | 15.18 | 10.56 | 4.62 | No | 2,700 | 1,100 | <13 | --- | <2.5 | <2.5 | 3.2 | 3.1 |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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 | 02/14/96 | --- | 15.18 | 9.08 | 6.10 | No | 1,500 | 470 | <2.5 | --- | <0.5 | <0.5 | 1.3 | <0.5 |
| MW14 | 06/19/96 | --- | 15.18 | 8.50 | 6.68 | No | 2,000 | 610 | <12 | --- | <2.5 | <2.5 | <2.5 | <2.5 |
| MW14 | 09/24/96 | --- | 15.18 | 10.23 | 4.95 | No | 5,100 | 1,000 | <25 | --- | <5.0 | <5.0 | <5.0 | <5.0 |
| MW14 | 12/11/96 | --- | 15.18 | 9.09 | 6.09 | No | 2,100 i | 1,100 | <10 | --- | <2.0 | <2.0 | <2.0 | 3.3 |
| MW14 | 03/19/97 | --- | 15.18 | 7.99 | 7.19 | No | 1,400 | 690 | <2.5 | --- | 0.65 | 1.7 | 2.5 | 8.3 |
| MW14 | 06/04/97 | --- | 15.18 | 9.30 | 5.88 | No | 1,500 | 730 | <2.5 | --- | <1.2 | <1.2 | 3.5 | 5.3 |
| MW14 | 09/02/97 | --- | 15.18 | 9.92 | 5.26 | No | 1,900 | 910 | <5.0 | --- | <5.0 | <5.0 | <5.0 | 5.9 |
| MW14 | 12/02/97 | --- | 15.18 | 9.13 | 6.05 | No | 1,200 | 570 | <2.5 | --- | 0.85 | <0.5 | <0.5 | 1.7 |
| MW14 | 03/24/98 | --- | 15.18 | 8.52 | 6.66 | No | 1,300 | 650 | 5.7 | --- | 1.7 | <1.0 | <1.0 | 2.3 |
| MW14 | 06/23/98 | --- | 15.18 | 8.69 | 6.49 | No | 1,100 | 470 | <2.5 | --- | <0.5 | 1.5 | 1.1 | 3.0 |
| MW14 | 09/29/98 | --- | 15.18 | 9.41 | 5.77 | No | 930 | 570 | <2.5 | --- | <0.50 | <0.50 | 2.5 | 3.5 |
| MW14 | 12/30/98 | --- | 15.18 | 9.31 | 5.87 | No | 2,000 | 420 | <2.5 | --- | <0.5 | <0.5 | <0.5 | 2.8 |
| MW14 | 03/24/99 | --- | 15.18 | 4.23 | 10.95 | No | 936 | 456 | <2.0 | --- | <0.5 | <0.5 | 0.685 | <0.5 |
| MW14 | 06/22/99 | --- | 15.18 | 7.24 | 7.94 | No | 1,720 | 403 | <2.0 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW14 | 09/29/99 | --- | 15.18 | 9.41 | 5.77 | No | 927f | 388 | <2.5 | --- | 1.31 | <0.5 | 0.864 | 2.07 |
| MW14 | 12/21/99 | --- | 15.18 | 8.93 | 6.25 | No | 1,400 | 420 | <2 | --- | 0.61 | <0.5 | <0.5 | 6.3 |
| MW14 | 03/21/00 | --- | 15.18 | 5.76 | 9.42 | No | --- | 390 | <2 | --- | 1.4 | <0.5 | 0.82 | 4.5 |
| MW14 | 03/30/01 | --- | 15.18 | 4.21 | 10.97 | No | 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 | No | 954 | 146 | 1.40 | 0.6 | <0.50 | <0.50 | 0.90 | 5.70 |
| MW14 | 03/11/03 | --- | 15.14 | 6.99 | 8.15 | No | 1,020 | 331 | <0.5 | --- | <0.50 | <0.5 | <0.5 | <0.5 |
| MW14 | 03/26/04 | --- | 15.14 | 7.82 | 7.32 | No | 586g | 235 | --- | <0.50 | 1.20 | 0.8 | 0.6 | 1.4 |
| MW14 | 11/02/04 | --- | 15.14 | 7.06 | 8.08 | No | 1,110g | 282 | --- | <0.50 | 0.90 | <0.5 | 1.6 | 7.2 |
| MW14 | 02/04/05 | --- | 15.14 | 6.15 | 8.99 | No | 2,880g | 327 | --- | <0.50 | 0.60 | <0.5 | 0.8 | 1.8 |
| MW14 | 05/02/05 | --- | 15.14 | 4.97 | 10.17 | No | 2,590g | 363 | --- | <0.50 | 1.20 | 0.5 | 1.4 | 2.5 |
| MW14 | 08/01/05 | --- | 15.14 | 5.31 | 9.83 | No | 2,690g | 280 | --- | <0.50 | 0.90 | <0.5 | 0.9 | 1.8 |
| MW14 | 10/25/05 | --- | 15.14 | 5.16 | 9.98 | No | 5,410g | 342 | --- | <0.500 | 0.82 | <0.50 | <0.50 | 1.98 |
| MW14 | 01/24/06 | --- | 15.14 | 5.40 | 9.74 | No | 440g | 290 | --- | <0.50 | 1.4 | <0.50 | 1.9 | <0.50 |
| MW14 | 04/28/06 | --- | 15.14 | 4.06 | 11.08 | No | 190g | 370 | --- | <0.50n | 1.9n | <0.50 | 4.2 | <0.50 |
| MW14 | 08/04/06 | --- | 15.14 | 4.77 | 10.37 | No | 1,290 | 347 | --- | <0.500 | 1.14 | <0.50 | <0.50 | 0.61 |
| MW14 | 10/06/06 | --- | 15.14 | 6.97 | 8.17 | No | 160g,j | 290 | --- | <0.50 | 1.3 | 1.4 | 3.7 | 3.0 |
| MW14 | 01/12/07 | --- | 15.14 | 6.86 | 8.28 | No | 160g | 250 | --- | <0.50 | 1.2 | <0.50 | 2.0 | <0.50 |
| MW14 | 04/09/07 | --- | 15.14 | 8.31 | 6.83 | No | 330g | 309 | --- | <0.500 | 1.01 | 0.55 | 0.97 | 1.17 |
| MW14 | 08/06/07 | --- | 15.14 | 7.41 | 7.73 | No | 200g | 290 | --- | <0.50 | <0.50 | <0.50 | 1.0 | <0.50 |
| MW14 | 11/15/07 | --- | 15.14 | 7.97 | 7.17 | No | 210g | 260 | --- | <0.50 | 0.66 | <0.50 | <0.50 | 1.5 |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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 | 01/02/08 | --- | 15.14 | 8.36 | 6.78 | No | 250g,j | 380 | --- | <0.50 | 0.78 | <0.50 | 1.4 | 3.4 |
| MW14 | 04/03/08 | --- | 15.14 | 8.75 | 6.39 | No | 970g | 400 | --- | <0.50 | 2.0 | 2.8 | 3.9 | 2.4 |
| MW14 | 07/09/08 | --- | 15.14 | 7.43 | 7.71 | No | 1,200g | 280 | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW14 | 10/01/08 | --- | 15.14 | 7.92 | 7.22 | No | 95 | 500 | --- | <0.50 | <0.50 | <0.50 | 1.5 | 4.4 |
| MW14 | 01/07/09 | --- | 15.14 | 6.96 | 8.18 | No | 1,100 | 370 | --- | <0.50 | <0.50 | <0.50 | 1.4 | 2.2 |
| MW14 | 01/16/09 | --- | 15.14 | 7.53 | 7.61 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW14 | 04/24/09 | --- | 15.14 | 5.71 | 9.43 | No | 410 | 500 | --- | <0.50 | <0.50 | <0.50 | 1.2 | <1.0 |
| MW14 | 07/01/09 | --- | 15.14 | 6.71 | 8.43 | No | 130 | 360 | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1.0 |
| MW14 | 10/01/09 | --- | 15.14 | 7.15 | 7.99 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| **MW14** | **03/04/10** | **---** | **15.14** | **4.75** | **10.39** | **No** | **---** | **---** | **---** | **---** | **---** | **---** | **---** | **---** |
| MW15 | Prior to 11/27/90 | --- | Well installed. | | | | | | --- | | | | | |
| MW15 | 11/27/90 | --- | 13.73 | 8.67 | 5.06 | No | 340 | 2,700 | --- | --- | 210 | 5.5 | 600 | 250 |
| MW15 | 01/17/91 | --- | 13.73 | 8.03 | 5.70 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 03/26/91 | --- | 13.73 | Well inaccessible. | | | | | | | | | | |
| MW15 | 05/02/91 | --- | 13.73 | 7.09 | 6.64 | No | <100 | 380 | --- | --- | <0.5 | <0.5 | <0.5 | 1.3 |
| MW15 | 06/20/91 | --- | 13.73 | 7.06 | 6.67 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 08/07/91 | --- | 13.73 | 7.59 | 6.14 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 09/17/91 | --- | 13.73 | 7.89 | 5.84 | No | --- | 490 | --- | --- | 2.9 | 1.7 | 33 | 1.3 |
| MW15 | 11/13/91 | --- | 13.73 | 9.07 | 4.66 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 12/10/91 | --- | 13.73 | 8.60 | 5.13 | No | 300 | 1,600 | --- | --- | 14 | 1.1 | 66 | 9.8 |
| MW15 | 01/21/92 | --- | 13.73 | 9.15 | 4.58 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 03/25/92 | --- | 13.73 | 8.10 | 5.63 | No | 1,400 | 3,400 | --- | --- | 150 | 13 | 690 | 250 |
| MW15 | 06/22/92 | --- | 13.73 | 5.80 | 7.93 | No | 860 | 6,600 | --- | --- | 99 | <0.5 | 670 | 180 |
| MW15 | 09/24/92 | --- | 13.73 | 7.21 | 6.52 | No | 740 | 3,600 | --- | --- | 120 | 7 | 480 | 47 |
| MW15 | 10/14/92 | --- | 13.73 | 7.40 | 6.33 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 11/16/92 | --- | 13.73 | 7.55 | 6.18 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 12/08/92 | --- | 13.73 | 7.42 | 6.31 | No | 430 | 1,600 | --- | --- | 43 | 1.6 | 170 | 23 |
| MW15 | 01/27/93 | --- | 13.73 | 4.37 | 9.36 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 02/18/93 | --- | 13.73 | 4.14 | 9.59 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 03/10/93 | --- | 13.73 | Well inaccessible. | | | | | | | | | | |
| MW15 | 04/06/93 | --- | 13.73 | 3.16 | 10.57 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 05/28/93 | --- | 13.73 | 4.47 | 9.26 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 06/10/93 | --- | 13.73 | 4.59 | 9.14 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 07/17/93 | --- | 13.73 | 5.51 | 8.22 | No | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW15 | 08/11/93 | --- | 13.73 | 6.13 | 7.60 | Sheen | 710/300q | 4,800 | --- | --- | 49/70o | <2.5/<5o | 410/640o | 34/26o |
| MW15 | 09/01/93 | --- | 13.73 | 6.45 | 7.28 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 10/26/93 | --- | 13.73 | 7.16 | 6.57 | No | 970 | 3,400 | --- | --- | 79 | <2.5 | 115 | 32 |
| MW15 | 11/12/93 | --- | 13.73 | 7.82 | 5.91 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 12/27/93 | --- | 13.73 | 7.50 | 6.23 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 01/20/94 | --- | 13.73 | 7.48 | 6.25 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 02/02/94 - 02/03/94 | --- | 13.73 | 7.30 | 6.43 | No | 1,200 | 4,300 | --- | --- | 24 | 6.7 | 170 | 26 |
| MW15 | 03/10/94 | --- | 13.73 | 7.32 | 6.41 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 04/22/94 | --- | 13.73 | 6.67 | 7.06 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 05/10/94 - 05/11/94 | --- | 13.73 | 5.81 | 7.92 | No | 1,400 | 3,900 | --- | --- | 16 | <0.5 | 150 | 13 |
| MW15 | 06/27/94 | --- | 13.73 | 6.14 | 7.59 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 08/31/94 | --- | 13.73 | 7.20 | 6.53 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 09/29/94 | --- | 13.73 | 7.76 | 5.97 | No | 420 | 2,500 | --- | --- | 51 | 15 | 48 | 3.6 |
| MW15 | 10/25/94 | --- | 13.73 | 8.19 | 5.54 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 11/30/94 | --- | 13.73 | 8.57 | 5.16 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 12/27/94 | --- | 13.73 | 6.49 | 7.24 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 02/06/95 | --- | 13.73 | 4.97 | 8.76 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 06/07/95 | --- | 13.73 | 7.14 | 6.59 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 09/18/95 | --- | 13.73 | 9.00 | 4.73 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 11/01/95 | --- | 13.73 | 10.67 | 3.06 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 02/14/96 | --- | 13.73 | 7.27 | 6.46 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 06/19/96 | --- | 13.73 | 6.65 | 7.08 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 09/24/96 | --- | 13.73 | 9.45 | 4.28 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 12/11/96 | --- | 13.73 | 7.77 | 5.96 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 03/19/97 | --- | 13.73 | 8.15 | 5.58 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 06/04/97 | --- | 13.73 | 8.62 | 5.11 | Sheen | --- | --- | --- | --- | --- | --- | --- | --- |
| MW15 | 09/02/97 | --- | 13.73 | 9.04 | 4.69 | No | 480 | 1,100 | 23 | --- | 19 | <2.0 | 11 | 4.9 |
| MW15 | 12/02/97 | --- | 13.73 | 8.43 | 5.30 | No | 600 | 1,700 | 58 | --- | 20 | <5.0 | 11 | <5.0 |
| MW15 | 03/24/98 | --- | 13.73 | 6.35 | 7.38 | No | 450 | 2,100 | <100 | --- | 570 | <20 | <20 | <20 |
| MW15 | 06/23/98 | --- | 13.73 | 7.79 | 5.94 | No | 570 | 2,300 | <25 | --- | 440 | <5.0 | 30 | <5.0 |
| MW15 | 09/29/98 | --- | 13.73 | Well inaccessible. | | | | | | | | | | |
| MW15 | 12/30/98 | --- | 13.73 | 8.42 | 5.31 | No | 510 | 900 | 14 | --- | 6.2 | 1.5 | 5.8 | 3.4 |
| MW15 | 03/24/99 | --- | 13.73 | 4.69 | 9.04 | No | 346 | 1,480 | 12.7 | --- | 181 | 1.15 | 29.8 | <1.0 |
| MW15 | 06/22/99 | --- | 13.73 | 5.42 | 8.31 | No | 558 | 864 | 6.49 | --- | 12.7 | <0.5 | 3.28 | 1.38 |
| MW15 | 09/29/99 | --- | 13.73 | 7.08 | 6.65 | No | 306f | 316 | <5.0 | --- | 1.44 | 7.51 | 1.60 | 3.21 |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW15 | 12/21/99 | --- | 13.73 | 7.51 | 6.22 | No | 300 | 1,500 | 21 | --- | 21 | 1.6 | 0.67 | 5.9 |
| MW15 | 03/21/00 | --- | 13.73 | 3.61 | 10.12 | No | 220 | 680 | <2 | --- | 10 | <0.5 | <0.5 | 4.5 |
| MW15 | 12/21/00 | --- | Well destroyed. | | | | | | | | | | | |
| MW16A | 08/24/09 | --- | --- | Well installed. | | | | | | | | | | |
| MW16A | 09/11/09 | --- | 13.02 | Well surveyed in accordance with AB 2886 standards. | | | | | | | | | | |
| MW16A | 10/01/09 | --- | 13.02 | 6.72 | 6.30 | No | 1,000g | 5,300g | --- | 12 | 96 | 5.9 | 45 | 20 |
| **MW16A** | **03/04/10** | **---** | **13.02** | **3.97** | **9.05** | **No** | **1,000g** | **3,000g** | **---** | **9.9** | **34** | **2.6** | **6.9** | **5.9** |
| MW16B | 08/24/09 | --- | --- | Well installed. | | | | | | | | | | |
| MW16B | 09/11/09 | --- | 13.19 | Well surveyed in accordance with AB 2886 standards. | | | | | | | | | | |
| MW16B | 10/01/09 | --- | 13.19 | 9.02 | 4.17 | No | <50 | 180s | --- | 210 | <0.50 | <0.50 | <0.50 | <1.0 |
| **MW16B** | **03/04/10** | **---** | **13.19** | **7.21** | **5.98** | **No** | **<50** | **160g** | **---** | **210** | **<0.50** | **<0.50** | **<0.50** | **<1.0** |
| MW17A | 08/25/09 | --- | --- | Well installed. | | | | | | | | | | |
| MW17A | 09/11/09 | --- | 13.99 | Well surveyed in accordance with AB 2886 standards. | | | | | | | | | | |
| MW17A | 10/01/09 | --- | 13.99 | 7.44 | 6.55 | No | 370g | 2,200g | --- | 3.7 | <0.50 | <0.50 | 3.7 | 3.9 |
| **MW17A** | **03/04/10** | **---** | **13.99** | **4.73** | **9.26** | **No** | **310g** | **1,600g** | **---** | **1.7** | **<0.50** | **1.9** | **7.2** | **4.3** |
| MW17B | 08/25/09 | --- | --- | Well Installed. | | | | | | | | | | |
| MW17B | 09/11/09 | --- | 13.92 | Well surveyed in accordance with AB2886 standards. | | | | | | | | | | |
| MW17B | 10/01/09 | --- | 13.92 | 8.83 | 5.09 | No | <50 | 450g | --- | 560 | <0.50 | <0.50 | <0.50 | <1.0 |
| **MW17B** | **03/04/10** | **---** | **13.92** | **6.15** | **7.77** | **No** | **<50** | **490g** | **---** | **340** | **<0.50** | **<0.50** | **<0.50** | **<1.0** |
| MW18A | 08/26/09 | --- | --- | Well installed. | | | | | | | | | | |
| MW18A | 09/11/09 | --- | 13.55 | Well surveyed in accordance with AB 2886 standards. | | | | | | | | | | |
| MW18A | 10/01/09 | --- | 13.55 | 5.16 | 8.39 | No | 150 | 150g | --- | 93 | <0.50 | <0.50 | <0.50 | <1.0 |
| **MW18A** | **03/04/10** | **---** | **13.55** | **3.97** | **9.58** | **No** | **130** | **<50** | **---** | **34** | **<0.50** | **<0.50** | **<0.50** | **<1.0** |
| MW18B | 08/25/09 | --- | --- | Well installed. | | | | | | | | | | |
| MW18B | 09/11/09 | --- | 13.21 | Well surveyed in accordance with AB 2886 standards. | | | | | | | | | | |
| MW18B | 10/01/09 | --- | 13.21 | 7.19 | 6.02 | No | <50 | 62 | --- | 0.68 | <0.50 | <0.50 | <0.50 | <1.0 |
| **MW18B** | **03/04/10** | **---** | **13.21** | **4.97** | **8.24** | **No** | **<50** | **<50** | **---** | **<0.50** | **<0.50** | **<0.50** | **<0.50** | **<1.0** |
| MW19A | 08/26/09 | --- | --- | Well installed. | | | | | | | | | | |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW19A | 09/11/09 | --- | 15.05 | Well surveyed in accordance with AB 2886 standards. | | | | | | | | | | |
| MW19A | 10/01/09 | --- | 15.05 | 7.61 | 7.44 | No | 490g | 2,700g | --- | <0.50 | <0.50 | <0.50 | 44 | 62 |
| **MW19A** | **03/04/10** | **---** | **15.05** | **4.30** | **10.75** | **No** | **520g** | **2,300g** | **---** | **<0.50** | **<0.50** | **<0.50** | **30** | **32** |
| MW19B | 08/26/09 | --- | --- | Well installed. | | | | | | | | | | |
| MW19B | 09/11/09 | --- | 15.05 | Well surveyed in accordance with AB 2886 standards. | | | | | | | | | | |
| MW19B | 10/01/09 | --- | 15.05 | 8.66 | 6.39 | No | <50 | <50 | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1.0 |
| **MW19B** | **03/04/10** | **---** | **15.05** | **5.11** | **9.94** | **No** | **<50** | **<50** | **---** | **<0.50** | **<0.50** | **<0.50** | **<0.50** | **<1.0** |
| VW1 | Prior to 02/18/93 | --- | Well installed. | | | | | | --- | | | | | |
| VW1 | 02/18/93 | --- | 14.01 | 4.52 | 9.49 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW1 | 03/10/93 | --- | 14.01 | 5.25 | 8.76 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW1 | 04/06/93 | --- | 14.01 | 5.06 | 8.95 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW1 | 05/28/93 | --- | 14.01 | 5.52 | 8.49 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW1 | 06/10/93 | --- | 14.01 | 6.23 | 7.78 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW1 | 08/11/93 | --- | 14.01 | Well dry. | | | | | | | | | | |
| VW1 | 09/01/93 | --- | 14.01 | Well dry. | | | | | | | | | | |
| VW1 | 10/26/93 | --- | 14.01 | Well dry. | | | | | | | | | | |
| VW1 | 11/12/93 | --- | 14.01 | Well dry. | | | | | | | | | | |
| VW1 | 12/27/93 | --- | 14.01 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| VW1 | 01/20/94 | --- | 14.01 | Well dry. | | | | | | | | | | |
| VW1 | 02/02/94 - 02/03/94 | --- | 14.01 | 5.58 | 8.43 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW1 | 03/10/94 | --- | 14.01 | 6.19 | 7.82 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW1 | 04/22/94 | --- | 14.01 | 5.96 | 8.05 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW1 | 05/10/94 - 05/11/94 | --- | 14.01 | 5.66 | 8.35 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW1 | 06/27/94 | --- | 14.01 | 5.99 | 8.02 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW2 | Prior to 02/18/93 | --- | Well installed. | | | | | | --- | | | | | |
| VW2 | 02/18/93 | --- | 14.09 | 4.41 | 9.68 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW2 | 03/10/93 | --- | 14.09 | 5.17 | 8.92 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW2 | 04/06/93 | --- | 14.09 | 5.04 | 9.05 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW2 | 05/28/93 | --- | 14.09 | 5.46 | 8.63 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW2 | 06/10/93 | --- | 14.09 | 5.60 | 8.49 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW2 | 07/17/93 | --- | 14.09 | 6.38 | 7.71 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW2 | 08/11/93 | --- | 14.09 | 7.90 | 6.19 | No | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VW2 | 09/01/93 | --- | 14.09 | 7.31 | 6.79 | 0.01 | --- | --- | --- | --- | --- | --- | --- | --- |
| VW2 | 10/26/93 | --- | 14.09 | Well dry. | | | | | | | | | | |
| VW2 | 11/12/93 | --- | 14.09 | Well dry. | | | | | | | | | | |
| VW2 | 12/27/93 | --- | 14.09 | Well dry. | | | | | | | | | | |
| VW2 | 01/20/94 | --- | 14.09 | 7.75 | 6.34 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW2 | 02/02/94 - 02/03/94 | --- | 14.09 | Well dry. | | | | | | | | | | |
| VW2 | 03/10/94 | --- | 14.09 | 6.85 | 7.24 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW2 | 04/22/94 | --- | 14.09 | 7.30 | 6.79 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW2 | 05/10/94 - 05/11/94 | --- | 14.09 | 7.20 | 6.89 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW2 | 06/27/94 | --- | 14.09 | 7.29 | 6.80 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW3 | Prior to 02/18/93 | --- | Well installed. | | | | | | --- | | | | | |
| VW3 | 02/18/93 | --- | 13.37 | 4.62 | 8.69 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW3 | 03/10/93 | --- | 13.37 | 4.41 | 8.90 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW3 | 04/06/93 | --- | 13.37 | 4.10 | 9.21 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW3 | 05/28/93 | --- | 13.37 | 4.98 | 8.33 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW3 | 06/10/93 | --- | 13.37 | 4.98 | 8.33 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW3 | 07/17/93 | --- | 13.37 | 5.57 | 7.74 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW3 | 08/11/93 | --- | 13.37 | 7.69 | 5.62 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW3 | 09/01/93 | --- | 13.37 | 6.78 | 6.54 | 0.01 | --- | --- | --- | --- | --- | --- | --- | --- |
| VW3 | 10/26/93 | --- | 13.37 | Well dry. | | | | | | | | | | |
| VW3 | 11/12/93 | --- | 13.37 | Well dry. | | | | | | | | | | |
| VW3 | 12/27/93 | --- | 13.37 | 7.24 | 6.13 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW3 | 01/20/94 | --- | 13.37 | 7.49 | 5.88 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW3 | 02/02/94 - 02/03/94 | --- | 13.37 | 7.15 | 6.22 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW3 | 03/10/94 | --- | 13.37 | 6.21 | 7.16 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW3 | 04/22/94 | --- | 13.37 | 6.34 | 7.03 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW3 | 05/10/94 - 05/11/94 | --- | 13.37 | 5.92 | 7.45 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| VW3 | 06/27/94 | --- | 13.37 | 6.66 | 6.71 | No | --- | --- | --- | --- | --- | --- | --- | --- |
| **Grab Groundwater Samples** | | | | | | | | | | | | | | |
| CPT Borings | | | | | | | | | | | | | | |
| W-18-CPT1 | 04/12/05 | 18 | --- | --- | --- | --- | 187g | <50.0 | --- | 1.00 | <0.50 | <0.5 | <0.5 | <0.5 |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-10-CPT2 | 04/13/05 | 10 | --- | --- | --- | --- | --- | 1,060,000 | --- | 85.0 | 1,380 | 1,280 | 400 | 4,340 |
| W-26-CPT2 | 04/13/05 | 26 | --- | --- | --- | --- | 283g | 240 | --- | 299 | <0.50 | <0.5 | <0.5 | <0.5 |
| W-10-CPT3 | 04/13/05 | 10 | --- | --- | --- | --- | 76,800 | 358 | --- | 107 | <0.50 | <0.5 | <0.5 | 1.1 |
| W-29-CPT3 | 04/13/05 | 29 | --- | --- | --- | --- | 450g | 1,240 | --- | 1.80 | <0.50 | <0.5 | <0.5 | <0.5 |
| W-10-CPT4 | 04/12/05 | 10 | --- | --- | --- | --- | 15,700g | 10,600 | --- | 129 | 233 | 17.0 | 557 | 83.0 |
| W-24-CPT4 | 04/12/05 | 24 | --- | --- | --- | --- | 377g | 171 | --- | 48.3 | 0.50 | <0.5 | 2.5 | 2.9 |
| W-10-CPT5 | 04/12/05 | 10 | --- | --- | --- | --- | 5,520g | 2,200 | --- | <0.50 | 13.2 | 2.5 | 5.7 | 2.2 |
| W-30-CPT6 | 04/11/05 | 30 | --- | --- | --- | --- | --- | 177 | --- | <0.50 | <0.50 | <0.5 | <0.5 | <0.5 |
| W-30-CPT6 | 04/12/05 | 30 | --- | --- | --- | --- | 473g | --- | --- | --- | --- | --- | --- | --- |
| Direct-Push Borings | | | | | | | | | | | | | | |
| W-12-DP1 | 04/14/05 | 12 | --- | --- | --- | --- | 23,000g | 30,000 | --- | 146 | 1,700 | 250 | 770 | 4,980 |
| W-12-DP3 | 04/14/05 | 12 | --- | --- | --- | --- | 11,100g | 2,200 | --- | <0.50 | 12.6 | 5.7 | 2.3 | 13.8 |
| W-12-DP4 | 04/14/05 | 12 | --- | --- | --- | --- | 20,200g | 42,400 | --- | 13.4 | 7,000 | 260 | 4,760 | 1,720 |
| W-12-DP5 | 04/14/05 | 12 | --- | --- | --- | --- | 182,000 | 32,100 | --- | 18.7 | 2,890 | 96.0 | 336 | 186 |
| W-12-DP6 | 04/14/05 | 12 | --- | --- | --- | --- | 338g | <50.0 | --- | <0.50 | <0.50 | <0.5 | <0.5 | <0.5 |
| W-30-DP9 | 12/15/06 | 30 | --- | --- | --- | --- | 430g | <50 | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Hydropunch® Borings | | | | | | | | | | | | | | |
| W-13-HP7 | 12/12/06 | 13 | --- | --- | --- | --- | 570g | <50 | --- | 1.1 | 11 | <0.50 | <0.50 | <0.50 |
| W-30-HP11 | 12/13/06 | 30 | --- | --- | --- | --- | <50 | <50 | --- | 3.9 | <0.50 | <0.50 | <0.50 | <0.50 |
| W-13.5-HP12 | 12/13/06 | 13.5 | --- | --- | --- | --- | <62 | <50 | --- | 1.6 | <0.50 | <0.50 | <0.50 | <0.50 |
| W-31-HP12 | 12/13/06 | 31 | --- | --- | --- | --- | <55 | <50 | --- | 17 | <0.50 | <0.50 | <0.50 | <0.50 |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

Notes:

| | | |
|---|---|---|
| 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)]. |
| NAPL | = | Non-aqueous phase liquid. |
| [ ] | = | Amount recovered in cups. |
| 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. |
| Ethanol | = | Ethanol analyzed using EPA Method 8260B. |
| µg/L | = | Micrograms per liter. |
| ND | = | Not detected at or above laboratory reporting limits. |
| --- | = | Not measured/Not sampled/Not analyzed. |
| < | = | Less than the stated laboratory reporting limit. |
| 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 | = | Hydrocarbon pattern is not consistent with that of the specified standard. |
| h | = | Analysis run. Results not available. |
| i | = | TPHd note: Analyst notes samples resemble paint thinner more than Stoddard Solvent. |
| j | = | Analyte detected in trip blank, method blank, and/or bailer blank; result is suspect. |
| k | = | Higher reported TPH concentrations in groundwater may be due to different laboratory quantitation procedures. |
| l | = | Elevated result due to single analyte peak in quantitation range. |
| m | = | Surrogate recovery above control limits; this may result in a high bias. |
| n | = | Laboratory QA/QC issue(s); ERI considers the result to be usable. Please refer to laboratory report for details. |

**TABLE 1A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

Notes (Cont.):

| | | |
|---|---|---|
| o | = | Analyzed using EPA Method 624 (volatile organic compounds). |
| p | = | Analyzed for Stoddard Solvent using EPA Method 5030/8015. |
| q | = | Analyzed for Stoddard Solvent using modified EPA Method 5030/8015. Sample chromotogram was not representative of a Stoddard Solvent pattern. Pattern was representative of the heavier hydrocarbons found in a gasoline pattern. |
| r | = | Stoddard Solution detected in the sample at approximately 320 parts per billion (ppb). |
| s | = | Chloromethane. |

**TABLE 1B**
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | EDB (µg/L) | 1,2-DCA (µg/L) | TAME (µg/L) | TBA (µg/L) | ETBE (µg/L) | DIPE (µg/L) | Ethanol (µg/L) | VOCs (µg/L) | EHCss (µg/L) | TOG (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Monitoring Well Samples** | | | | | | | | | | | | |
| MW1 | Prior to 04/25/89 | --- | Well installed. | | | | | | | | | |
| MW1 | 05/01/88 - 03/11/03 | --- | Not analyzed for these analytes. | | | | | | | | | |
| MW1 | 06/19/96 | --- | --- | --- | --- | --- | --- | --- | --- | --- | <50 | --- |
| MW1 | 03/26/04 | --- | <0.50 | 1.60 | <0.50 | <10.0 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW1 | 11/02/04 | --- | <0.50 | 1.80 | <0.50 | <10.0 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW1 | 02/04/05 | --- | <0.50 | 1.90 | <0.50 | <10.0 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW1 | 05/02/05 | --- | <0.50 | 2.10 | <0.50 | <10.0 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW1 | 08/01/05 | --- | <0.50 | 2.00 | <0.50 | <10.0 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW1 | 10/25/05 | --- | <0.500 | 1.61 | <0.500 | 22.6 | <0.500 | <0.500 | --- | --- | --- | --- |
| MW1 | 01/24/06 | --- | <2.5 | <2.5 | <2.5 | <100 | <2.5 | <2.5 | <500 | --- | --- | --- |
| MW1 | 04/28/06 | --- | <0.50 | 1.6 | <0.50 | 5.0n | <0.50 | <0.50 | --- | --- | --- | --- |
| MW1 | 08/04/06 | --- | <0.500 | 1.63 | <0.500 | <10.0 | <0.500 | <0.500 | --- | --- | --- | --- |
| MW1 | 10/06/06 | --- | <0.50 | 2.3 | <0.50 | <5.0 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW1 | 01/12/07 | --- | Well inaccessible. | | | | | | | | | |
| MW1 | 03/26/07 | --- | Well destroyed. | | | | | | | | | |
| MW2 | 09/10/87 | --- | Well installed. | | | | | | | | | |
| MW2 | 09/11/87 - 03/27/04 | --- | Not analyzed for these analytes. | | | | | | | | | |
| MW2 | 03/27/04 | --- | <0.50 | <0.50 | 2.90 | <10.0 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW2 | 11/02/04 | --- | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW2 | 02/04/05 | --- | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW2 | 05/02/05 | --- | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW2 | 08/01/05 | --- | <0.50 | 2.00 | <0.50 | <10.0 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW2 | 10/25/05 | --- | <0.500 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | --- | --- | --- | --- |
| MW2 | 01/24/06 | --- | <0.50 | <0.50 | <0.50 | 20 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW2 | 04/28/06 | --- | <0.50 | <0.50 | <0.50 | <5.0n | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW2 | 08/04/06 | --- | <0.500 | 1.34 | <0.500 | <10.0 | <0.500 | <0.500 | <50.0 | --- | --- | --- |
| MW2 | 10/06/06 | --- | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW2 | 01/12/07 | --- | <0.50 | <0.50 | <0.50 | 23 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW2 | 04/09/07 | --- | <0.500 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <50.0 | --- | --- | --- |
| MW2 | 08/06/07 | --- | <0.50 | <0.50 | <0.50 | 14 | <0.50 | 1.3 | <100 | --- | --- | --- |
| MW2 | 11/15/07 | --- | <0.50 | <0.50 | <0.50 | 17 | <0.50 | 1.1 | <100 | --- | --- | --- |
| MW2 | 01/02/08 | --- | <0.50 | <0.50 | 0.85 | 36 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW2 | 04/03/08 | --- | <0.50 | <0.50 | <0.50 | 24 | <0.50 | <0.50 | <100 | --- | --- | --- |

**TABLE 1B**
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | EDB (µg/L) | 1,2-DCA (µg/L) | TAME (µg/L) | TBA (µg/L) | ETBE (µg/L) | DIPE (µg/L) | Ethanol (µg/L) | VOCs (µg/L) | EHCss (µg/L) | TOG (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW2 | 07/09/08 | --- | <0.50 | <0.50 | <0.50 | <10 | <0.50 | 1.2 | <100 | --- | --- | --- |
| MW2 | 10/01/08 | --- | Well covered by asphalt. | | | | | | | | | |
| MW2 | 01/07/09 | --- | Well covered by asphalt. | | | | | | | | | |
| MW2 | 01/16/09 | --- | <5.0 | <5.0 | <5.0 | <50 | <5.0 | <5.0 | <500 | --- | --- | --- |
| MW2 | 04/24/09 | --- | <0.50 | <0.50 | <0.50 | 15 | <0.50 | <0.50 | <50 | --- | --- | --- |
| MW2 | 07/01/09 | --- | <0.50 | <0.50 | <0.50 | 11 | <0.50 | <0.50 | <50 | --- | --- | --- |
| MW2 | 10/01/09 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **MW2** | **03/04/10** | **---** | **---** | **---** | **---** | **---** | **---** | **---** | **---** | **---** | **---** | **---** |
| MW3 | 09/10/87 | --- | Well installed. | | | | | | | | | |
| MW3 | 09/11/87 - 03/26/04 | --- | Not analyzed for these analytes. | | | | | | | | | |
| MW3 | 03/26/04 | --- | <0.50 | <0.50 | 2.60 | <10.0 | <0.50 | 0.60 | --- | --- | --- | --- |
| MW3 | 11/02/04 | --- | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | 1.60 | --- | --- | --- | --- |
| MW3 | 02/04/05 | --- | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW3 | 05/02/05 | --- | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW3 | 08/01/05 | --- | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW3 | 10/25/05 | --- | <0.500 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | --- | --- | --- | --- |
| MW3 | 01/24/06 | --- | <1.0 | <1.0 | <1.0 | <40 | <1.0 | <1.0 | <200 | --- | --- | --- |
| MW3 | 04/28/06 | --- | <0.50 | <0.50 | <0.50 | 7.8n | <0.50 | <0.50 | --- | --- | --- | --- |
| MW3 | 08/04/06 | --- | <0.500 | 1.45 | <0.500 | <10.0 | <0.500 | <0.500 | --- | --- | --- | --- |
| MW3 | 10/06/06 | --- | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW3 | 01/12/07 | --- | <0.50 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW3 | 04/09/07 | --- | <0.500 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | --- | --- | --- | --- |
| MW3 | 08/06/07 | --- | <0.50 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW3 | 11/15/07 | --- | <0.50 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW3 | 01/02/08 | --- | <0.50 | <0.50 | <0.50 | 12 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW3 | 04/03/08 | --- | <0.50 | <0.50 | <0.50 | 23 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW3 | 07/09/08 | --- | <0.50 | <0.50 | <0.50 | 10 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW3 | 10/01/08 | --- | <0.50 | <0.50 | <0.50 | 9.7 | <0.50 | <0.50 | <50 | --- | --- | --- |
| MW3 | 01/07/09 | --- | <0.50 | <0.50 | <0.50 | 10 | <0.50 | <0.50 | <50 | --- | --- | --- |
| MW3 | 01/16/09 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW3 | 04/24/09 | --- | <0.50 | <0.50 | <0.50 | 16 | <0.50 | 0.52 | <50 | --- | --- | --- |
| MW3 | 07/01/09 | --- | <0.50 | <0.50 | <0.50 | 9.7 | <0.50 | <0.50 | <50 | --- | --- | --- |
| MW3 | 10/01/09 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **MW3** | **03/04/10** | **---** | **---** | **---** | **---** | **---** | **---** | **---** | **---** | **---** | **---** | **---** |
| MW4 | 09/10/87 | --- | Well installed. | | | | | | | | | |
| MW4 | 09/10/87 - 03/26/04 | --- | Not analyzed for these analytes. | | | | | | | | | |
| MW4 | 03/30/01 | --- | Well covered by asphalt. | | | | | | | | | |

**TABLE 1B**
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | EDB (µg/L) | 1,2-DCA (µg/L) | TAME (µg/L) | TBA (µg/L) | ETBE (µg/L) | DIPE (µg/L) | Ethanol (µg/L) | VOCs (µg/L) | EHCss (µg/L) | TOG (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW5 | Prior to September 1987 | --- | Well installed. | | | | | | | | | |
| MW5 | 09/01/87 - 04/25/89 | --- | Not analyzed for these analytes. | | | | | | | | | |
| MW5 | 07/18/89 | --- | Well destroyed. | | | | | | | | | |
| MW6 | 09/10/87 | --- | Well installed. | | | | | | | | | |
| MW6 | 05/01/89 - 03/26/04 | --- | Not analyzed for these analytes. | | | | | | | | | |
| MW6 | 03/26/04 | --- | <0.50 | 34.0 | <0.50 | 11.7 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW6 | 11/02/04 | --- | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW6 | 02/04/05 | --- | <0.50 | <0.50 | <0.50 | 54.3 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW6 | 05/02/05 | --- | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW6 | 08/01/05 | --- | <0.50 | 15.3 | <0.50 | 29.2 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW6 | 10/25/05 | --- | <0.500 | <0.500 | <0.500 | 20.6 | <0.500 | <0.500 | --- | --- | --- | --- |
| MW6 | 01/24/06 | --- | <5.0 | <5.0 | <5.0 | <200 | <5.0 | <5.0 | <1,000 | --- | --- | --- |
| MW6 | 04/28/06 | --- | <0.50 | <0.50 | 12 | 41n | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW6 | 08/04/06 | --- | 0.940 | 8.28 | <0.500 | <10.0 | <0.500 | <0.500 | <50.0 | --- | --- | --- |
| MW6 | 10/06/06 | --- | <0.50 | <0.50 | <0.50 | 14 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW6 | 01/12/07 | --- | <0.50 | <0.50 | <0.50 | 11 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW6 | 04/09/07 | --- | <0.500 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <50.0 | --- | --- | --- |
| MW6 | 08/06/07 | --- | <0.50 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW6 | 11/15/07 | --- | <0.50 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW6 | 01/02/08 | --- | <0.50 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW6 | 04/03/08 | --- | <0.50 | <0.50 | <0.50 | 11 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW6 | 07/09/08 | --- | <0.50 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW6 | 10/01/08 | --- | Well covered by asphalt. | | | | | | | | | |
| MW6 | 01/07/09 | --- | Well covered by asphalt. | | | | | | | | | |
| MW6 | 01/16/09 | --- | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <50 | --- | --- | --- |
| MW6 | 04/24/09 | --- | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <50 | --- | --- | --- |
| MW6 | 07/01/09 | --- | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <50 | --- | --- | --- |
| MW6 | 10/01/09 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **MW6** | **03/04/10** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | Prior to September 1987 | --- | Well installed. | | | | | | | | | |
| MW7 | Sept 1987 | --- | --- | --- | --- | --- | --- | --- | --- | ND | --- | --- |
| MW7 | May 1988 | --- | --- | --- | --- | --- | --- | --- | --- | ND | --- | --- |
| MW7 | 04/25/89 - 09/22/89 | --- | Not analyzed for these analytes. | | | | | | | | | |
| MW7 | 12/06/89 | --- | --- | --- | --- | --- | --- | --- | --- | ND | --- | <5,000 |
| MW7 | 04/19/90 | --- | --- | --- | --- | --- | --- | --- | --- | ND | --- | --- |
| MW7 | 07/03/90 | --- | --- | --- | --- | --- | --- | --- | --- | ND | --- | --- |

**TABLE 1B**
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | EDB (µg/L) | 1,2-DCA (µg/L) | TAME (µg/L) | TBA (µg/L) | ETBE (µg/L) | DIPE (µg/L) | Ethanol (µg/L) | VOCs (µg/L) | EHCss (µg/L) | TOG (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW7 | 11/27/90 | --- | --- | --- | --- | --- | --- | --- | --- | 2.4s | --- | --- |
| MW7 | 03/26/91 | --- | --- | --- | --- | --- | --- | --- | --- | ND | --- | --- |
| MW7 | 03/10/93 | --- | --- | --- | --- | --- | --- | --- | --- | h | --- | <5,000 |
| MW7 | 08/11/93 | --- | --- | --- | --- | --- | --- | --- | --- | ND | --- | --- |
| MW7 | 02/03/94 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 470p |
| MW7 | 03/10/94 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 04/22/94 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 05/10/94 - 05/11/94 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1,400p |
| MW7 | 11/30/94 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW7 | 12/27/94 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | Prior to September 1987 | --- | Well installed. | | | | | | | | | |
| MW8 | 09/01/87 - 07/17/93 | --- | Not analyzed for these analytes. | | | | | | | | | |
| MW8 | 08/11/93 | --- | --- | --- | --- | --- | --- | --- | --- | ND | --- | --- |
| MW8 | 09/01/93 - 03/21/00 | --- | Not analyzed for these analytes. | | | | | | | | | |
| MW8 | 12/21/00 | --- | Well destroyed. | | | | | | | | | |
| MW9 | Prior to May 1988 | --- | Well installed. | | | | | | | | | |
| MW9 | May 1988 | --- | --- | --- | --- | --- | --- | --- | --- | ND | --- | --- |
| MW9 | 12/06/89 | --- | --- | --- | --- | --- | --- | --- | --- | ND | --- | <5,000 |
| MW9 | 02/20/90 | --- | --- | --- | --- | --- | --- | --- | --- | ND | --- | --- |
| MW9 | 04/19/90 | --- | --- | --- | --- | --- | --- | --- | --- | ND | --- | --- |
| MW9 | 11/27/90 | --- | --- | --- | --- | --- | --- | --- | --- | ND | --- | --- |
| MW9 | 08/11/93 | --- | --- | --- | --- | --- | --- | --- | --- | ND | --- | --- |
| MW9 | 09/01/93 - 02/14/96 | --- | Not analyzed for these analytes. | | | | | | | | | |
| MW9 | 06/19/96 | --- | --- | --- | --- | --- | --- | --- | --- | --- | <50 | --- |
| MW9 | 09/24/96 - 09/22/89 | --- | Not analyzed for these analytes. | | | | | | | | | |

**TABLE 1B**
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | EDB (µg/L) | 1,2-DCA (µg/L) | TAME (µg/L) | TBA (µg/L) | ETBE (µg/L) | DIPE (µg/L) | Ethanol (µg/L) | VOCs (µg/L) | EHCss (µg/L) | TOG (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW9 | 12/21/00 | --- | Well destroyed. | | | | | | | | | |
| MW10 | Prior to 12/06/08 | --- | Well installed. | | | | | | | | | |
| MW10 | 04/19/90 | --- | --- | --- | --- | --- | --- | --- | --- | ND | --- | --- |
| MW10 | 08/11/93 | --- | --- | --- | --- | --- | --- | --- | --- | ND | --- | --- |
| MW10 | 09/01/93 - 02/14/96 | --- | Not analyzed for these analytes. | | | | | | | | | |
| MW10 | 06/19/96 | --- | --- | --- | --- | --- | --- | --- | --- | --- | <50 | --- |
| MW10 | 09/24/96 - 12/21/00 | --- | Not analyzed for these analytes. | | | | | | | | | |
| MW10 | 12/21/00 | --- | Well destroyed. | | | | | | | | | |
| MW11 | Prior to 12/06/08 | --- | Well installed. | | | | | | | | | |
| MW11 | 08/11/93 | --- | --- | --- | --- | --- | --- | --- | --- | ND | --- | --- |
| MW11 | 09/01/93 - 02/14/96 | --- | Not analyzed for these analytes. | | | | | | | | | |
| MW11 | 06/19/96 | --- | --- | --- | --- | --- | --- | --- | --- | --- | <50 | --- |
| MW11 | 09/24/96 - 12/21/00 | --- | Not analyzed for these analytes. | | | | | | | | | |
| MW11 | 12/21/00 | --- | Well destroyed. | | | | | | | | | |
| MW12 | 11/27/89 | --- | Well installed. | | | | | | | | | |
| MW12 | 08/11/93 | --- | --- | --- | --- | --- | --- | --- | --- | ND | --- | --- |
| MW12 | 09/01/93 - 11/02/04 | --- | Not analyzed for these analytes. | | | | | | | | | |
| MW12 | 03/30/01 | --- | Well covered by asphalt. | | | | | | | | | |
| MW13 | Prior to 12/06/08 | --- | Well installed. | | | | | | | | | |
| MW13 | 08/11/93 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ND |
| MW13 | 09/01/93 - 12/21/00 | --- | Not analyzed for these analytes. | | | | | | | | | |
| MW13 | 12/21/00 | --- | Well destroyed. | | | | | | | | | |
| MW14 | 10/31/90 | --- | Well installed. | | | | | | | | | |
| MW14 | 11/27/90 - 05/10/94 | --- | Not analyzed for these analytes. | | | | | | | | | |
| MW14 | 05/10/94 - 05/11/94 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 210p |
| MW14 | 06/27/94 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW14 | 02/06/95 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 400 |
| MW14 | 06/07/95 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 450 | --- |
| MW14 | 09/18/95 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1,200 | --- |
| MW14 | 11/01/95 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1,600 | --- |
| MW14 | 02/14/96 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 680 | --- |
| MW14 | 06/19/96 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 670 | --- |
| MW14 | 09/24/96 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 4,500 | --- |
| MW14 | 12/11/96 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 750 | --- |

**TABLE 1B**
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | EDB (µg/L) | 1,2-DCA (µg/L) | TAME (µg/L) | TBA (µg/L) | ETBE (µg/L) | DIPE (µg/L) | Ethanol (µg/L) | VOCs (µg/L) | EHCss (µg/L) | TOG (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW14 | 03/19/97 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 470 | --- |
| MW14 | 06/04/97 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 590 | --- |
| MW14 | 09/02/97 - 03/26/04 | --- | Not analyzed for these analytes. | | | | | | | | | |
| MW14 | 09/02/97 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1,300 | --- |
| MW14 | 03/26/04 | --- | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW14 | 11/02/04 | --- | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW14 | 02/04/05 | --- | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW14 | 05/02/05 | --- | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW14 | 08/01/05 | --- | <0.50 | 1.90 | <0.50 | <10.0 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW14 | 10/25/05 | --- | <0.500 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | --- | --- | --- | --- |
| MW14 | 01/24/06 | --- | <0.50 | <0.50 | <0.50 | <20 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW14 | 04/28/06 | --- | <0.50 | <0.50 | <0.50 | <20n | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW14 | 08/04/06 | --- | <0.500 | 1.39 | <0.500 | <10.0 | <0.500 | <0.500 | <50.0 | --- | --- | --- |
| MW14 | 10/06/06 | --- | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW14 | 01/12/07 | --- | <0.50 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW14 | 04/09/07 | --- | <0.500 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <50.0 | --- | --- | --- |
| MW14 | 08/06/07 | --- | <0.50 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW14 | 11/15/07 | --- | <0.50 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW14 | 01/02/08 | --- | <0.50 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW14 | 04/03/08 | --- | <0.50 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW14 | 07/09/08 | --- | <0.50 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <100 | --- | --- | --- |
| MW14 | 10/01/08 | --- | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <50 | --- | --- | --- |
| MW14 | 01/07/09 | --- | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <50 | --- | --- | --- |
| MW14 | 01/16/09 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW14 | 04/24/09 | --- | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <50 | --- | --- | --- |
| MW14 | 07/01/09 | --- | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <50 | --- | --- | --- |
| MW14 | 10/01/09 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **MW14** | **03/04/10** | **---** | **---** | **---** | **---** | **---** | **---** | **---** | **---** | **---** | **---** | **---** |
| MW15 | Prior to 11/27/90 | --- | Well installed. | | | | | | | | | |
| MW15 | 08/11/93 | --- | --- | --- | --- | --- | --- | --- | --- | ND | --- | --- |
| MW15 | 09/01/93 - 12/21/00 | --- | Not analyzed for these analytes. | | | | | | | | | |
| MW15 | 12/21/00 | --- | Well destroyed. | | | | | | | | | |
| MW16A | 10/01/09 | --- | <2.0 | <2.0 | <2.0 | <20 | <2.0 | <2.0 | <200 | --- | --- | --- |
| **MW16A** | **03/04/10** | **---** | **<0.50** | **<0.50** | **<0.50** | **28** | **<0.50** | **<0.50** | **<50** | **---** | **---** | **---** |
| MW16B | 10/01/09 | --- | <2.0 | <2.0 | <2.0 | <20 | <2.0 | <2.0 | <200 | --- | --- | --- |
| **MW16B** | **03/04/10** | **---** | **<5.0** | **<5.0** | **<5.0** | **<50** | **<5.0** | **<5.0** | **<500** | **---** | **---** | **---** |

**TABLE 1B**
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | EDB (µg/L) | 1,2-DCA (µg/L) | TAME (µg/L) | TBA (µg/L) | ETBE (µg/L) | DIPE (µg/L) | Ethanol (µg/L) | VOCs (µg/L) | EHCss (µg/L) | TOG (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW17A | 10/01/09 | --- | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <50 | --- | --- | --- |
| **MW17A** | **03/04/10** | **---** | **<0.50** | **<0.50** | **<0.50** | **<5.0** | **<0.50** | **<0.50** | **<50** | **---** | **---** | **---** |
| MW17B | 10/01/09 | --- | <0.50 | 1.2 | 1.2 | 5.3 | <0.50 | <0.50 | <50 | --- | --- | --- |
| **MW17B** | **03/04/10** | **---** | **<5.0** | **<5.0** | **<5.0** | **<50** | **<5.0** | **<5.0** | **<500** | **---** | **---** | **---** |
| MW18A | 10/01/09 | --- | <0.50 | <0.50 | <0.50 | 20 | <0.50 | <0.50 | <50 | --- | --- | --- |
| **MW18A** | **03/04/10** | **---** | **<0.50** | **<0.50** | **<0.50** | **7.0** | **<0.50** | **<0.50** | **<50** | **---** | **---** | **---** |
| MW18B | 10/01/09 | --- | <0.50 | 0.74 | <0.50 | <5.0 | <0.50 | <0.50 | <50 | --- | --- | --- |
| **MW18B** | **03/04/10** | **---** | **<0.50** | **<0.50** | **<0.50** | **<5.0** | **<0.50** | **<0.50** | **<50** | **---** | **---** | **---** |
| MW19A | 10/01/09 | --- | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <50 | --- | --- | --- |
| **MW19A** | **03/04/10** | **---** | **<0.50** | **<0.50** | **<0.50** | **<5.0** | **<0.50** | **<0.50** | **<50** | **---** | **---** | **---** |
| MW19B | 10/01/09 | --- | <0.50 | 1.2 | <0.50 | <5.0 | <0.50 | <0.50 | <50 | --- | --- | --- |
| **MW19B** | **03/04/10** | **---** | **<0.50** | **1.4** | **<0.50** | **<5.0** | **<0.50** | **<0.50** | **<50** | **---** | **---** | **---** |
| VW1 | Prior to 02/18/93 | --- | Well installed. | | | | | | | | | |
| VW1 | 02/18/93 - Present | --- | Not analyzed for these analytes. | | | | | | | | | |
| VW2 | Prior to 02/18/93 | --- | Well installed. | | | | | | | | | |
| VW2 | 02/18/93 - Present | --- | Not analyzed for these analytes. | | | | | | | | | |
| VW3 | Prior to 02/18/93 | --- | Well installed. | | | | | | | | | |
| VW3 | 03/10/93 - Present | --- | Not analyzed for these analytes. | | | | | | | | | |
| **Grab Groundwater Samples** | | | | | | | | | | | | |
| CPT Borings | | | | | | | | | | | | |
| W-18-CPT1 | 04/12/05 | 18 | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | --- | --- | --- | --- |
| W-10-CPT2 | 04/13/05 | 10 | <5.00 | <5.00 | <5.00 | <100 | <5.00 | 18.0 | --- | --- | --- | --- |
| W-26-CPT2 | 04/13/05 | 26 | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | --- | --- | --- | --- |
| W-10-CPT3 | 04/13/05 | 10 | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | --- | --- | --- | --- |
| W-29-CPT3 | 04/13/05 | 29 | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | --- | --- | --- | --- |

**TABLE 1B**
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Sampling Date | Depth (feet) | EDB (µg/L) | 1,2-DCA (µg/L) | TAME (µg/L) | TBA (µg/L) | ETBE (µg/L) | DIPE (µg/L) | Ethanol (µg/L) | VOCs (µg/L) | EHCss (µg/L) | TOG (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-10-CPT4 | 04/12/05 | 10 | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | --- | --- | --- | --- |
| W-24-CPT4 | 04/12/05 | 24 | <0.50 | 7.60 | <0.50 | <10.0 | <0.50 | <0.50 | --- | --- | --- | --- |
| W-10-CPT5 | 04/12/05 | 10 | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | --- | --- | --- | --- |
| W-30-CPT6 | 04/11/05 | 30 | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | --- | --- | --- | --- |
| W-30-CPT6 | 04/12/05 | 30 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Direct-Push Borings | | | | | | | | | | | | |
| W-12-DP1 | 04/14/05 | 12 | <0.50 | <0.50 | 4.80 | 138 | <0.50 | <0.50 | --- | --- | --- | --- |
| W-12-DP3 | 04/14/05 | 12 | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | --- | --- | --- | --- |
| W-12-DP4 | 04/14/05 | 12 | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | --- | --- | --- | --- |
| W-12-DP5 | 04/14/05 | 12 | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | 0.60 | --- | --- | --- | --- |
| W-12-DP6 | 04/14/05 | 12 | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | --- | --- | --- | --- |
| W-30-DP9 | 12/15/06 | 30 | <0.50 | <0.50 | <0.50 | <20 | <0.50 | <0.50 | <100 | --- | --- | --- |
| Hydropunch® Borings | | | | | | | | | | | | |
| W-13-HP7 | 12/12/06 | 13 | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <100 | --- | --- | --- |
| W-30-HP11 | 12/13/06 | 30 | <0.50 | <0.50 | <0.50 | <20 | <0.50 | <0.50 | <100 | --- | --- | --- |
| W-13.5-HP12 | 12/13/06 | 13.5 | <0.50 | <0.50 | <0.50 | <20 | <0.50 | <0.50 | <100 | --- | --- | --- |
| W-31-HP12 | 12/13/06 | 31 | <0.50 | 1.3 | <0.50 | <20 | <0.50 | <0.50 | <100 | --- | --- | --- |

**TABLE 1B**
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

Notes:

| | | |
|---|---|---|
| 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)]. |
| NAPL | = | Non-aqueous phase liquid. |
| [ ] | = | Amount recovered in cups. |
| 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. |
| Ethanol | = | Ethanol analyzed using EPA Method 8260B. |
| µg/L | = | Micrograms per liter. |
| ND | = | Not detected at or above laboratory reporting limits. |
| --- | = | Not measured/Not sampled/Not analyzed. |
| < | = | Less than the stated laboratory reporting limit. |
| 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 | = | Hydrocarbon pattern is not consistent with that of the specified standard. |
| h | = | Analysis run. Results not available. |
| i | = | TPHd note: Analyst notes samples resemble paint thinner more than Stoddard Solvent. |
| j | = | Analyte detected in trip blank, method blank, and/or bailer blank; result is suspect. |
| k | = | Higher reported TPH concentrations in groundwater may be due to different laboratory quantitation procedures. |
| l | = | Elevated result due to single analyte peak in quantitation range. |
| m | = | Surrogate recovery above control limits; this may result in a high bias. |
| n | = | Laboratory QA/QC issue(s); ERI considers the result to be usable. Please refer to laboratory report for details. |

**TABLE 1B**
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 73006
720 High Street
Oakland, California

Notes (Cont.):

| | | |
|---|---|---|
| o | = | Analyzed using EPA Method 624 (volatile organic compounds). |
| p | = | Analyzed for Stoddard Solvent using EPA Method 5030/8015. |
| q | = | Analyzed for Stoddard Solvent using modified EPA Method 5030/8015. Sample chromotogram was not representative of a Stoddard Solvent pattern. Pattern was representative of the heavier hydrocarbons found in a gasoline pattern. |
| r | = | Stoddard Solution detected in the sample at approximately 320 parts per billion (ppb). |
| s | = | Chloromethane. |

**TABLE 2**
**WELL CONSTRUCTION DETAILS**
Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Well Installation Date | TOC Elevation (feet) | Borehole Diameter (inches) | Total Depth of Boring (feet bgs) | Well Depth (feet bgs) | Casing Diameter (inches) | Well Casing Material | Screened Interval (feet bgs) | Slot Size (inches) | Filter Pack Interval (feet bgs) | Filter Pack Material |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW1 | Well destroyed on 3/26/07. | | | | | | | | | | |
| 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 on 07/18/89. | | | | | | | | | | |
| MW6 | 09/10/87 | 14.23 | NS | 36.0 | 35.0 | 4 | NS | 10.0-35.0 | NS | 8-36 | NS |
| MW7 | Well destroyed on 12/21/00. | | | | | | | | | | |
| MW8 | Well destroyed on 12/21/00. | | | | | | | | | | |
| MW9 | Well destroyed on 12/21/00. | | | | | | | | | | |
| MW10 | Well destroyed on 12/21/00. | | | | | | | | | | |
| MW11 | Well destroyed on 12/21/00. | | | | | | | | | | |
| 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 on 12/21/00. | | | | | | | | | | |
| 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 on 12/21/00. | | | | | | | | | | |
| MW16A | 08/24/09 | 13.02 | 8 | 14 | 12.5 | 2 | PVC | 7.5-12.5 | 0.020 | 6.5-14 | #3 Sand |
| MW16B | 08/24/09 | 13.19 | 8 | 24 | 24 | 2 | PVC | 20-24 | 0.020 | 18-24 | #3 Sand |
| MW17A | 08/25/09 | 13.99 | 8 | 13 | 13 | 2 | PVC | 8-13 | 0.020 | 6.5-13 | #3 Sand |
| MW17B | 08/25/09 | 13.92 | 8 | 26 | 26 | 2 | PVC | 22-26 | 0.020 | 20-26 | #3 Sand |
| MW18A | 08/25/09 | 13.55 | 8 | 14 | 14 | 2 | PVC | 9-14 | 0.020 | 7-14 | #3 Sand |
| MW18B | 08/25/09 | 13.21 | 8 | 31 | 31 | 2 | PVC | 26-31 | 0.020 | 24-31 | #3 Sand |

**TABLE 2**
**WELL CONSTRUCTION DETAILS**
Former Exxon Service Station 73006
720 High Street
Oakland, California

| Well ID | Well Installation Date | TOC Elevation (feet) | Borehole Diameter (inches) | Total Depth of Boring (feet bgs) | Well Depth (feet bgs) | Casing Diameter (inches) | Well Casing Material | Screened Interval (feet bgs) | Slot Size (inches) | Filter Pack Interval (feet bgs) | Filter Pack Material |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW19A | 08/26/09 | 15.05 | 8 | 14 | 14 | 2 | PVC | 9-14 | 0.020 | 7-14 | #3 Sand |
| MW19B | 08/26/09 | 15.05 | 8 | 26 | 24 | 2 | PVC | 20-24 | 0.020 | 18-26 | #3 Sand |
| VW1 | Well destroyed. | | | | | | | | | | |
| VW2 | Well destroyed. | | | | | | | | | | |
| VW3 | Well destroyed. | | | | | | | | | | |
| 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.
PVC = Polyvinyl chloride.
feet bgs = Feet below ground surface.
--- = Not measured.

# APPENDIX 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<br>(depth to bottom - depth to water) |
| 7.48 | = | conversion constant from cubic feet to gallons |
| $\pi$ | = | 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 record.

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.

# APPENDIX B

# LABORATORY ANALYTICAL REPORT AND CHAIN-OF-CUSTODY RECORD

Calscience
Environmental
Laboratories, Inc.

March 19, 2010



Paula Sime
Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Subject: **Calscience Work Order No.: 10-03-0547**
**Client Reference: ExxonMobil 73006**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 3/6/2010 and analyzed in accordance with the attached chain-of-custody.

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

Note that the Chain-of-Custody Record and Sample Receipt Form are integral parts of this report.

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

Sincerely,

Cecile L deGuia

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | | |
|---|---|---|---|
| Environmental Resolutions, Inc. | | Date Received: | 03/06/10 |
| 601 North McDowell Blvd. | | Work Order No: | 10-03-0547 |
| Petaluma, CA 94954-2312 | | Preparation: | EPA 3510C |
| | | Method: | EPA 8015B (M) |

Project: ExxonMobil 73006



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW16A** | **10-03-0547-2-G** | **03/04/10 09:55** | **Aqueous** | **GC 46** | **03/08/10** | **03/10/10 14:28** | **100308B10S** |

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
-The sample extract was subjected to Silica Gel treatment prior to analysis.

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Diesel | 1000 | 50 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| Decachlorobiphenyl | 105 | 68-140 | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW16B** | **10-03-0547-3-G** | **03/04/10 10:15** | **Aqueous** | **GC 46** | **03/08/10** | **03/10/10 14:44** | **100308B10S** |

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Diesel | ND | 50 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| Decachlorobiphenyl | 101 | 68-140 | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW17A** | **10-03-0547-4-G** | **03/04/10 09:49** | **Aqueous** | **GC 46** | **03/08/10** | **03/10/10 14:59** | **100308B10S** |

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
-The sample extract was subjected to Silica Gel treatment prior to analysis.

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Diesel | 310 | 50 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| Decachlorobiphenyl | 98 | 68-140 | | | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 03/06/10
Work Order No: 10-03-0547
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project: ExxonMobil 73006



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW17B** | **10-03-0547-5-G** | **03/04/10 09:59** | **Aqueous** | **GC 46** | **03/08/10** | **03/10/10 15:14** | **100308B10S** |

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Diesel | ND | 50 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| Decachlorobiphenyl | 105 | 68-140 | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW18A** | **10-03-0547-6-G** | **03/04/10 10:45** | **Aqueous** | **GC 46** | **03/08/10** | **03/10/10 15:30** | **100308B10S** |

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Diesel | 130 | 50 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| Decachlorobiphenyl | 102 | 68-140 | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW18B** | **10-03-0547-7-G** | **03/04/10 11:00** | **Aqueous** | **GC 46** | **03/08/10** | **03/10/10 15:45** | **100308B10S** |

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Diesel | ND | 50 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| Decachlorobiphenyl | 103 | 68-140 | | | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | | |
|---|---|---|---|
| Environmental Resolutions, Inc. | | Date Received: | 03/06/10 |
| 601 North McDowell Blvd. | | Work Order No: | 10-03-0547 |
| Petaluma, CA 94954-2312 | | Preparation: | EPA 3510C |
| | | Method: | EPA 8015B (M) |

Project: ExxonMobil 73006



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW19A** | **10-03-0547-8-G** | **03/04/10 10:17** | **Aqueous** | **GC 46** | **03/08/10** | **03/10/10 16:01** | **100308B10S** |

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
-The sample extract was subjected to Silica Gel treatment prior to analysis.

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Diesel | 520 | 50 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| Decachlorobiphenyl | 101 | 68-140 | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW19B** | **10-03-0547-9-G** | **03/04/10 10:26** | **Aqueous** | **GC 46** | **03/08/10** | **03/10/10 16:16** | **100308B10S** |

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Diesel | ND | 50 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| Decachlorobiphenyl | 109 | 68-140 | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-330-1,431** | **N/A** | **Aqueous** | **GC 46** | **03/08/10** | **03/10/10 13:42** | **100308B10S** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Diesel | ND | 50 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| Decachlorobiphenyl | 111 | 68-140 | | | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | |
|---|---|
| Environmental Resolutions, Inc. | Date Received: 03/06/10 |
| 601 North McDowell Blvd. | Work Order No: 10-03-0547 |
| Petaluma, CA 94954-2312 | Preparation: EPA 5030B |
| | Method: EPA 8015B (M) |

Project: ExxonMobil 73006



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW16A** | **10-03-0547-2-C** | **03/04/10 09:55** | **Aqueous** | **GC 57** | **03/09/10** | **03/09/10 21:44** | **100309B01** |

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | 3000 | 1000 | 20 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| 1,4-Bromofluorobenzene | 87 | 38-134 | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW16B** | **10-03-0547-3-C** | **03/04/10 10:15** | **Aqueous** | **GC 57** | **03/08/10** | **03/08/10 18:33** | **100308B01** |

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | 160 | 50 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| 1,4-Bromofluorobenzene | 106 | 38-134 | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW17A** | **10-03-0547-4-C** | **03/04/10 09:49** | **Aqueous** | **GC 57** | **03/09/10** | **03/09/10 20:40** | **100309B01** |

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | 1600 | 500 | 10 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| 1,4-Bromofluorobenzene | 103 | 38-134 | | | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | | |
|---|---|---|---|
| Environmental Resolutions, Inc. | | Date Received: | 03/06/10 |
| 601 North McDowell Blvd. | | Work Order No: | 10-03-0547 |
| Petaluma, CA 94954-2312 | | Preparation: | EPA 5030B |
| | | Method: | EPA 8015B (M) |

Project: ExxonMobil 73006 

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW17B** | **10-03-0547-5-C** | **03/04/10 09:59** | **Aqueous** | **GC 57** | **03/08/10** | **03/08/10 19:57** | **100308B01** |

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | 490 | 100 | 2 | | ug/L |
| Surrogates: | REC (%) | Control Limits | | Qual | |
| 1,4-Bromofluorobenzene | 94 | 38-134 | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW18A** | **10-03-0547-6-C** | **03/04/10 10:45** | **Aqueous** | **GC 57** | **03/08/10** | **03/08/10 19:05** | **100308B01** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | ND | 50 | 1 | | ug/L |
| Surrogates: | REC (%) | Control Limits | | Qual | |
| 1,4-Bromofluorobenzene | 104 | 38-134 | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW18B** | **10-03-0547-7-C** | **03/04/10 11:00** | **Aqueous** | **GC 57** | **03/08/10** | **03/08/10 18:00** | **100308B01** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | ND | 50 | 1 | | ug/L |
| Surrogates: | REC (%) | Control Limits | | Qual | |
| 1,4-Bromofluorobenzene | 93 | 38-134 | | | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | | |
|---|---|---|---|
| Environmental Resolutions, Inc. | | Date Received: | 03/06/10 |
| 601 North McDowell Blvd. | | Work Order No: | 10-03-0547 |
| Petaluma, CA 94954-2312 | | Preparation: | EPA 5030B |
| | | Method: | EPA 8015B (M) |

Project: ExxonMobil 73006



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW19A** | **10-03-0547-8-C** | **03/04/10 10:17** | **Aqueous** | **GC 57** | **03/09/10** | **03/09/10 21:12** | **100309B01** |

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | 2300 | 500 | 10 | | ug/L |
| Surrogates: | REC (%) | Control Limits | | Qual | |
| 1,4-Bromofluorobenzene | 94 | 38-134 | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW19B** | **10-03-0547-9-C** | **03/04/10 10:26** | **Aqueous** | **GC 57** | **03/08/10** | **03/08/10 17:28** | **100308B01** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | ND | 50 | 1 | | ug/L |
| Surrogates: | REC (%) | Control Limits | | Qual | |
| 1,4-Bromofluorobenzene | 92 | 38-134 | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-436-4,481** | **N/A** | **Aqueous** | **GC 57** | **03/08/10** | **03/08/10 11:34** | **100308B01** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | ND | 50 | 1 | | ug/L |
| Surrogates: | REC (%) | Control Limits | | Qual | |
| 1,4-Bromofluorobenzene | 95 | 38-134 | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-436-4,485** | **N/A** | **Aqueous** | **GC 57** | **03/09/10** | **03/09/10 17:26** | **100309B01** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | ND | 50 | 1 | | ug/L |
| Surrogates: | REC (%) | Control Limits | | Qual | |
| 1,4-Bromofluorobenzene | 85 | 38-134 | | | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 03/06/10
Work Order No: 10-03-0547
Preparation: EPA 5030B
Method: EPA 8021B
Units: ug/L

Project: ExxonMobil 73006



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW16A** | **10-03-0547-2-A** | **03/04/10 09:55** | **Aqueous** | **GC 21** | **03/09/10** | **03/09/10 18:32** | **100309B01** |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 34 | 1.0 | 2 | | Ethylbenzene | 6.9 | 1.0 | 2 | |
| Toluene | 2.6 | 1.0 | 2 | | Xylenes (total) | 5.9 | 2.0 | 2 | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 106 | 70-130 | | | | | | | |

| **MW16B** | **10-03-0547-3-A** | **03/04/10 10:15** | **Aqueous** | **GC 21** | **03/09/10** | **03/09/10 13:25** | **100309B01** |
|---|---|---|---|---|---|---|---|

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.50 | 1 | | Ethylbenzene | ND | 0.50 | 1 | |
| Toluene | ND | 0.50 | 1 | | Xylenes (total) | ND | 1.0 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 89 | 70-130 | | | | | | | |

| **MW17A** | **10-03-0547-4-A** | **03/04/10 09:49** | **Aqueous** | **GC 21** | **03/09/10** | **03/09/10 15:07** | **100309B01** |
|---|---|---|---|---|---|---|---|

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.50 | 1 | | Ethylbenzene | 7.2 | 0.50 | 1 | |
| Toluene | 1.9 | 0.50 | 1 | | Xylenes (total) | 4.3 | 1.0 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 105 | 70-130 | | | | | | | |

| **MW17B** | **10-03-0547-5-A** | **03/04/10 09:59** | **Aqueous** | **GC 21** | **03/09/10** | **03/09/10 15:41** | **100309B01** |
|---|---|---|---|---|---|---|---|

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.50 | 1 | | Ethylbenzene | ND | 0.50 | 1 | |
| Toluene | ND | 0.50 | 1 | | Xylenes (total) | ND | 1.0 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 88 | 70-130 | | | | | | | |

| **MW18A** | **10-03-0547-6-A** | **03/04/10 10:45** | **Aqueous** | **GC 21** | **03/09/10** | **03/09/10 16:16** | **100309B01** |
|---|---|---|---|---|---|---|---|

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.50 | 1 | | Ethylbenzene | ND | 0.50 | 1 | |
| Toluene | ND | 0.50 | 1 | | Xylenes (total) | ND | 1.0 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 91 | 70-130 | | | | | | | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | | |
|---|---|---|---|
| Environmental Resolutions, Inc. | Date Received: | 03/06/10 |
| 601 North McDowell Blvd. | Work Order No: | 10-03-0547 |
| Petaluma, CA 94954-2312 | Preparation: | EPA 5030B |
| | Method: | EPA 8021B |
| | Units: | ug/L |

Project: ExxonMobil 73006



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW18B** | **10-03-0547-7-A** | **03/04/10 11:00** | **Aqueous** | **GC 21** | **03/09/10** | **03/09/10 16:50** | **100309B01** |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.50 | 1 | | Ethylbenzene | ND | 0.50 | 1 | |
| Toluene | ND | 0.50 | 1 | | Xylenes (total) | ND | 1.0 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 88 | 70-130 | | | | | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW19A** | **10-03-0547-8-A** | **03/04/10 10:17** | **Aqueous** | **GC 21** | **03/09/10** | **03/09/10 17:24** | **100309B01** |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.50 | 1 | | Ethylbenzene | 30 | 0.50 | 1 | |
| Toluene | ND | 0.50 | 1 | | Xylenes (total) | 32 | 1.0 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 103 | 70-130 | | | | | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW19B** | **10-03-0547-9-A** | **03/04/10 10:26** | **Aqueous** | **GC 21** | **03/09/10** | **03/09/10 17:58** | **100309B01** |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.50 | 1 | | Ethylbenzene | ND | 0.50 | 1 | |
| Toluene | ND | 0.50 | 1 | | Xylenes (total) | ND | 1.0 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 87 | 70-130 | | | | | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-667-750** | **N/A** | **Aqueous** | **GC 21** | **03/09/10** | **03/09/10 12:51** | **100309B01** |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.50 | 1 | | Ethylbenzene | ND | 0.50 | 1 | |
| Toluene | ND | 0.50 | 1 | | Xylenes (total) | ND | 1.0 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 88 | 70-130 | | | | | | | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | | |
|---|---|---|---|
| Environmental Resolutions, Inc. | | Date Received: | 03/06/10 |
| 601 North McDowell Blvd. | | Work Order No: | 10-03-0547 |
| Petaluma, CA 94954-2312 | | Preparation: | EPA 5030B |
| | | Method: | EPA 8260B |
| | | Units: | ug/L |
| Project: ExxonMobil 73006 | | | Page 1 of 4 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW16A** | **10-03-0547-2-F** | **03/04/10 09:55** | **Aqueous** | **GC/MS L** | **03/12/10** | **03/12/10 19:59** | **100312L01** |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Methyl-t-Butyl Ether (MTBE) | 9.9 | 0.50 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 0.50 | 1 | |
| Tert-Butyl Alcohol (TBA) | 28 | 5.0 | 1 | | Ethanol | ND | 50 | 1 | |
| Diisopropyl Ether (DIPE) | ND | 0.50 | 1 | | 1,2-Dibromoethane | ND | 0.50 | 1 | |
| Ethyl-t-Butyl Ether (ETBE) | ND | 0.50 | 1 | | 1,2-Dichloroethane | ND | 0.50 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| 1,2-Dichloroethane-d4 | 105 | 80-128 | | | 1,4-Bromofluorobenzene | 103 | 68-120 | | |
| Dibromofluoromethane | 111 | 80-127 | | | Toluene-d8 | 99 | 80-120 | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW16B** | **10-03-0547-3-D** | **03/04/10 10:15** | **Aqueous** | **GC/MS O** | **03/11/10** | **03/12/10 04:02** | **100311L02** |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Methyl-t-Butyl Ether (MTBE) | 210 | 5.0 | 10 | | Tert-Amyl-Methyl Ether (TAME) | ND | 5.0 | 10 | |
| Tert-Butyl Alcohol (TBA) | ND | 50 | 10 | | Ethanol | ND | 500 | 10 | |
| Diisopropyl Ether (DIPE) | ND | 5.0 | 10 | | 1,2-Dibromoethane | ND | 5.0 | 10 | |
| Ethyl-t-Butyl Ether (ETBE) | ND | 5.0 | 10 | | 1,2-Dichloroethane | ND | 5.0 | 10 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| 1,2-Dichloroethane-d4 | 113 | 80-128 | | | 1,4-Bromofluorobenzene | 84 | 68-120 | | |
| Dibromofluoromethane | 120 | 80-127 | | | Toluene-d8 | 96 | 80-120 | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW17A** | **10-03-0547-4-D** | **03/04/10 09:49** | **Aqueous** | **GC/MS O** | **03/11/10** | **03/12/10 04:31** | **100311L02** |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Methyl-t-Butyl Ether (MTBE) | 1.7 | 0.50 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 0.50 | 1 | |
| Tert-Butyl Alcohol (TBA) | ND | 5.0 | 1 | | Ethanol | ND | 50 | 1 | |
| Diisopropyl Ether (DIPE) | ND | 0.50 | 1 | | 1,2-Dibromoethane | ND | 0.50 | 1 | |
| Ethyl-t-Butyl Ether (ETBE) | ND | 0.50 | 1 | | 1,2-Dichloroethane | ND | 0.50 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| 1,2-Dichloroethane-d4 | 103 | 80-128 | | | 1,4-Bromofluorobenzene | 98 | 68-120 | | |
| Dibromofluoromethane | 100 | 80-127 | | | Toluene-d8 | 107 | 80-120 | | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 03/06/10
Work Order No: 10-03-0547
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: ExxonMobil 73006



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW17B** | **10-03-0547-5-D** | **03/04/10 09:59** | **Aqueous** | **GC/MS O** | **03/11/10** | **03/12/10 05:00** | **100311L02** |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Methyl-t-Butyl Ether (MTBE) | 340 | 5.0 | 10 | | Tert-Amyl-Methyl Ether (TAME) | ND | 5.0 | 10 | |
| Tert-Butyl Alcohol (TBA) | ND | 50 | 10 | | Ethanol | ND | 500 | 10 | |
| Diisopropyl Ether (DIPE) | ND | 5.0 | 10 | | 1,2-Dibromoethane | ND | 5.0 | 10 | |
| Ethyl-t-Butyl Ether (ETBE) | ND | 5.0 | 10 | | 1,2-Dichloroethane | ND | 5.0 | 10 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| 1,2-Dichloroethane-d4 | 107 | 80-128 | | | 1,4-Bromofluorobenzene | 85 | 68-120 | | |
| Dibromofluoromethane | 113 | 80-127 | | | Toluene-d8 | 96 | 80-120 | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW18A** | **10-03-0547-6-F** | **03/04/10 10:45** | **Aqueous** | **GC/MS L** | **03/12/10** | **03/12/10 20:29** | **100312L01** |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Methyl-t-Butyl Ether (MTBE) | 34 | 0.50 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 0.50 | 1 | |
| Tert-Butyl Alcohol (TBA) | 7.0 | 5.0 | 1 | | Ethanol | ND | 50 | 1 | |
| Diisopropyl Ether (DIPE) | ND | 0.50 | 1 | | 1,2-Dibromoethane | ND | 0.50 | 1 | |
| Ethyl-t-Butyl Ether (ETBE) | ND | 0.50 | 1 | | 1,2-Dichloroethane | ND | 0.50 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| 1,2-Dichloroethane-d4 | 94 | 80-128 | | | 1,4-Bromofluorobenzene | 102 | 68-120 | | |
| Dibromofluoromethane | 104 | 80-127 | | | Toluene-d8 | 98 | 80-120 | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW18B** | **10-03-0547-7-D** | **03/04/10 11:00** | **Aqueous** | **GC/MS O** | **03/11/10** | **03/12/10 05:58** | **100311L02** |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Methyl-t-Butyl Ether (MTBE) | ND | 0.50 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 0.50 | 1 | |
| Tert-Butyl Alcohol (TBA) | ND | 5.0 | 1 | | Ethanol | ND | 50 | 1 | |
| Diisopropyl Ether (DIPE) | ND | 0.50 | 1 | | 1,2-Dibromoethane | ND | 0.50 | 1 | |
| Ethyl-t-Butyl Ether (ETBE) | ND | 0.50 | 1 | | 1,2-Dichloroethane | ND | 0.50 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| 1,2-Dichloroethane-d4 | 112 | 80-128 | | | 1,4-Bromofluorobenzene | 84 | 68-120 | | |
| Dibromofluoromethane | 119 | 80-127 | | | Toluene-d8 | 96 | 80-120 | | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | | |
|---|---|---|---|
| Environmental Resolutions, Inc. | Date Received: | 03/06/10 |
| 601 North McDowell Blvd. | Work Order No: | 10-03-0547 |
| Petaluma, CA 94954-2312 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |
| Project: ExxonMobil 73006 | | Page 3 of 4 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW19A** | **10-03-0547-8-D** | **03/04/10 10:17** | **Aqueous** | **GC/MS O** | **03/11/10** | **03/12/10 06:28** | **100311L02** |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Methyl-t-Butyl Ether (MTBE) | ND | 0.50 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 0.50 | 1 | |
| Tert-Butyl Alcohol (TBA) | ND | 5.0 | 1 | | Ethanol | ND | 50 | 1 | |
| Diisopropyl Ether (DIPE) | ND | 0.50 | 1 | | 1,2-Dibromoethane | ND | 0.50 | 1 | |
| Ethyl-t-Butyl Ether (ETBE) | ND | 0.50 | 1 | | 1,2-Dichloroethane | ND | 0.50 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| 1,2-Dichloroethane-d4 | 101 | 80-128 | | | 1,4-Bromofluorobenzene | 99 | 68-120 | | |
| Dibromofluoromethane | 98 | 80-127 | | | Toluene-d8 | 109 | 80-120 | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW19B** | **10-03-0547-9-D** | **03/04/10 10:26** | **Aqueous** | **GC/MS O** | **03/11/10** | **03/12/10 06:57** | **100311L02** |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Methyl-t-Butyl Ether (MTBE) | ND | 0.50 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 0.50 | 1 | |
| Tert-Butyl Alcohol (TBA) | ND | 5.0 | 1 | | Ethanol | ND | 50 | 1 | |
| Diisopropyl Ether (DIPE) | ND | 0.50 | 1 | | 1,2-Dibromoethane | ND | 0.50 | 1 | |
| Ethyl-t-Butyl Ether (ETBE) | ND | 0.50 | 1 | | 1,2-Dichloroethane | 1.4 | 0.50 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| 1,2-Dichloroethane-d4 | 108 | 80-128 | | | 1,4-Bromofluorobenzene | 87 | 68-120 | | |
| Dibromofluoromethane | 112 | 80-127 | | | Toluene-d8 | 96 | 80-120 | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-884-327** | **N/A** | **Aqueous** | **GC/MS O** | **03/11/10** | **03/12/10 01:07** | **100311L02** |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Methyl-t-Butyl Ether (MTBE) | ND | 0.50 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 0.50 | 1 | |
| Tert-Butyl Alcohol (TBA) | ND | 5.0 | 1 | | Ethanol | ND | 50 | 1 | |
| Diisopropyl Ether (DIPE) | ND | 0.50 | 1 | | 1,2-Dibromoethane | ND | 0.50 | 1 | |
| Ethyl-t-Butyl Ether (ETBE) | ND | 0.50 | 1 | | 1,2-Dichloroethane | ND | 0.50 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| 1,2-Dichloroethane-d4 | 115 | 80-128 | | | 1,4-Bromofluorobenzene | 83 | 68-120 | | |
| Dibromofluoromethane | 121 | 80-127 | | | Toluene-d8 | 97 | 80-120 | | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | | |
|---|---|---|---|
| Environmental Resolutions, Inc. | Date Received: | 03/06/10 |
| 601 North McDowell Blvd. | Work Order No: | 10-03-0547 |
| Petaluma, CA 94954-2312 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |

Project: ExxonMobil 73006



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-884-329** | **N/A** | **Aqueous** | **GC/MS L** | **03/12/10** | **03/12/10 11:37** | **100312L01** |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Methyl-t-Butyl Ether (MTBE) | ND | 0.50 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 0.50 | 1 | |
| Tert-Butyl Alcohol (TBA) | ND | 5.0 | 1 | | Ethanol | ND | 50 | 1 | |
| Diisopropyl Ether (DIPE) | ND | 0.50 | 1 | | 1,2-Dibromoethane | ND | 0.50 | 1 | |
| Ethyl-t-Butyl Ether (ETBE) | ND | 0.50 | 1 | | 1,2-Dichloroethane | ND | 0.50 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| 1,2-Dichloroethane-d4 | 102 | 80-128 | | | 1,4-Bromofluorobenzene | 91 | 68-120 | | |
| Dibromofluoromethane | 107 | 80-127 | | | Toluene-d8 | 98 | 80-120 | | |

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

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

| | |
|---|---|
| Environmental Resolutions, Inc. | Date Received: 03/06/10 |
| 601 North McDowell Blvd. | Work Order No: 10-03-0547 |
| Petaluma, CA 94954-2312 | Preparation: EPA 5030B |
| | Method: EPA 8015B (M) |

Project ExxonMobil 73006

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| **10-03-0405-6** | **Aqueous** | **GC 57** | **03/08/10** | **03/08/10** | **100308S01** |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| TPH as Gasoline | 100 | 87 | 68-122 | 15 | 0-18 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

| | |
|---|---|
| Environmental Resolutions, Inc. | Date Received: 03/06/10 |
| 601 North McDowell Blvd. | Work Order No: 10-03-0547 |
| Petaluma, CA 94954-2312 | Preparation: EPA 5030B |
| | Method: EPA 8015B (M) |

Project ExxonMobil 73006

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| **10-03-0376-1** | **Aqueous** | **GC 57** | **03/09/10** | **03/09/10** | **100309S01** |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| TPH as Gasoline | 85 | 84 | 68-122 | 1 | 0-18 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 03/06/10
Work Order No: 10-03-0547
Preparation: EPA 5030B
Method: EPA 8021B

Project ExxonMobil 73006

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| **MW16B** | **Aqueous** | **GC 21** | **03/09/10** | **03/09/10** | **100309S01** |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 104 | 106 | 57-129 | 2 | 0-23 | |
| Toluene | 98 | 100 | 50-134 | 2 | 0-26 | |
| Ethylbenzene | 99 | 100 | 58-130 | 1 | 0-26 | |
| p/m-Xylene | 102 | 102 | 58-130 | 0 | 0-28 | |
| o-Xylene | 97 | 97 | 57-123 | 1 | 0-26 | |
| Methyl-t-Butyl Ether (MTBE) | 0 | 0 | 44-134 | 18 | 0-27 | 3 |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 03/06/10
Work Order No: 10-03-0547
Preparation: EPA 5030B
Method: EPA 8260B

Project ExxonMobil 73006

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| **10-03-0592-1** | **Aqueous** | **GC/MS O** | **03/11/10** | **03/11/10** | **100311S01** |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 105 | 100 | 76-124 | 4 | 0-20 | |
| Toluene | 104 | 98 | 80-120 | 6 | 0-20 | |
| Ethylbenzene | 106 | 102 | 78-126 | 4 | 0-20 | |
| Methyl-t-Butyl Ether (MTBE) | 91 | 93 | 67-121 | 2 | 0-49 | |
| Tert-Butyl Alcohol (TBA) | 101 | 104 | 36-162 | 3 | 0-30 | |
| Diisopropyl Ether (DIPE) | 91 | 90 | 60-138 | 1 | 0-45 | |
| Ethyl-t-Butyl Ether (ETBE) | 94 | 97 | 69-123 | 3 | 0-30 | |
| Tert-Amyl-Methyl Ether (TAME) | 105 | 104 | 65-120 | 1 | 0-20 | |
| Ethanol | 97 | 90 | 30-180 | 7 | 0-72 | |
| 1,1-Dichloroethene | 97 | 94 | 73-127 | 3 | 0-20 | |
| 1,2-Dibromoethane | 91 | 90 | 80-120 | 1 | 0-20 | |
| 1,2-Dichlorobenzene | 101 | 99 | 80-120 | 2 | 0-20 | |
| Carbon Tetrachloride | 104 | 100 | 74-134 | 3 | 0-20 | |
| Chlorobenzene | 98 | 94 | 80-120 | 4 | 0-20 | |
| Trichloroethene | 106 | 102 | 77-120 | 4 | 0-20 | |
| Vinyl Chloride | 99 | 91 | 72-126 | 8 | 0-20 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 03/06/10
Work Order No: 10-03-0547
Preparation: EPA 5030B
Method: EPA 8260B

Project ExxonMobil 73006

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| **10-03-0435-7** | **Aqueous** | **GC/MS L** | **03/12/10** | **03/12/10** | **100312S01** |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 97 | 109 | 76-124 | 12 | 0-20 | |
| Carbon Tetrachloride | 99 | 99 | 74-134 | 0 | 0-20 | |
| Chlorobenzene | 98 | 101 | 80-120 | 3 | 0-20 | |
| 1,2-Dibromoethane | 94 | 97 | 80-120 | 3 | 0-20 | |
| 1,2-Dichlorobenzene | 101 | 103 | 80-120 | 2 | 0-20 | |
| 1,1-Dichloroethene | 106 | 86 | 73-127 | 21 | 0-20 | 4 |
| Ethylbenzene | 104 | 108 | 78-126 | 4 | 0-20 | |
| Toluene | 103 | 109 | 80-120 | 6 | 0-20 | |
| Trichloroethene | 99 | 102 | 77-120 | 3 | 0-20 | |
| Vinyl Chloride | 116 | 109 | 72-126 | 7 | 0-20 | |
| Methyl-t-Butyl Ether (MTBE) | 102 | 98 | 67-121 | 4 | 0-49 | |
| Tert-Butyl Alcohol (TBA) | 100 | 100 | 36-162 | 0 | 0-30 | |
| Diisopropyl Ether (DIPE) | 104 | 104 | 60-138 | 0 | 0-45 | |
| Ethyl-t-Butyl Ether (ETBE) | 104 | 105 | 69-123 | 1 | 0-30 | |
| Tert-Amyl-Methyl Ether (TAME) | 99 | 102 | 65-120 | 3 | 0-20 | |
| Ethanol | 143 | 109 | 30-180 | 27 | 0-72 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

| | | | |
|---|---|---|---|
| Environmental Resolutions, Inc. | Date Received: | N/A |
| 601 North McDowell Blvd. | Work Order No: | 10-03-0547 |
| Petaluma, CA 94954-2312 | Preparation: | EPA 3510C |
| | Method: | EPA 8015B (M) |

Project: ExxonMobil 73006

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| **099-12-330-1,431** | **Aqueous** | **GC 46** | **03/08/10** | **03/10/10** | **100308B10S** |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| TPH as Diesel | 101 | 103 | 75-117 | 2 | 0-13 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

| | |
|---|---|
| Environmental Resolutions, Inc. | Date Received: N/A |
| 601 North McDowell Blvd. | Work Order No: 10-03-0547 |
| Petaluma, CA 94954-2312 | Preparation: EPA 5030B |
| | Method: EPA 8015B (M) |

Project: ExxonMobil 73006

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| **099-12-436-4,481** | **Aqueous** | **GC 57** | **03/08/10** | **03/08/10** | **100308B01** |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| TPH as Gasoline | 97 | 91 | 78-120 | 7 | 0-10 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

| | |
|---|---|
| Environmental Resolutions, Inc. | Date Received: N/A |
| 601 North McDowell Blvd. | Work Order No: 10-03-0547 |
| Petaluma, CA 94954-2312 | Preparation: EPA 5030B |
| | Method: EPA 8015B (M) |

Project: ExxonMobil 73006

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| **099-12-436-4,485** | **Aqueous** | **GC 57** | **03/09/10** | **03/09/10** | **100309B01** |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| TPH as Gasoline | 88 | 81 | 78-120 | 8 | 0-10 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

| | | | |
|---|---|---|---|
| Environmental Resolutions, Inc. | Date Received: | N/A |
| 601 North McDowell Blvd. | Work Order No: | 10-03-0547 |
| Petaluma, CA 94954-2312 | Preparation: | EPA 5030B |
| | Method: | EPA 8021B |

Project: ExxonMobil 73006

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| 099-12-667-750 | Aqueous | GC 21 | 03/09/10 | 03/09/10 | 100309B01 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 102 | 102 | 70-118 | 0 | 0-9 | |
| Toluene | 96 | 96 | 66-114 | 0 | 0-9 | |
| Ethylbenzene | 96 | 96 | 72-114 | 0 | 0-9 | |
| p/m-Xylene | 99 | 99 | 74-116 | 1 | 0-9 | |
| o-Xylene | 95 | 94 | 72-114 | 1 | 0-9 | |
| Methyl-t-Butyl Ether (MTBE) | 4,577 | 1,845 | 41-137 | 85 | 0-13 | X |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

| | | | |
|---|---|---|---|
| Environmental Resolutions, Inc. | | Date Received: | N/A |
| 601 North McDowell Blvd. | | Work Order No: | 10-03-0547 |
| Petaluma, CA 94954-2312 | | Preparation: | EPA 5030B |
| | | Method: | EPA 8260B |

Project: ExxonMobil 73006

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| **099-12-884-327** | **Aqueous** | **GC/MS O** | **03/11/10** | **03/11/10** | **100311L02** |

| Parameter | LCS %REC | LCSD %REC | %REC CL | ME_CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|
| Benzene | 108 | 109 | 80-120 | 73-127 | 0 | 0-20 | |
| Toluene | 109 | 115 | 80-120 | 73-127 | 5 | 0-20 | |
| Ethylbenzene | 115 | 119 | 80-120 | 73-127 | 3 | 0-20 | |
| Methyl-t-Butyl Ether (MTBE) | 109 | 125 | 69-123 | 60-132 | 14 | 0-20 | |
| Tert-Butyl Alcohol (TBA) | 102 | 108 | 63-123 | 53-133 | 5 | 0-20 | |
| Diisopropyl Ether (DIPE) | 115 | 132 | 59-137 | 46-150 | 14 | 0-37 | |
| Ethyl-t-Butyl Ether (ETBE) | 106 | 116 | 69-123 | 60-132 | 9 | 0-20 | |
| Tert-Amyl-Methyl Ether (TAME) | 116 | 117 | 70-120 | 62-128 | 1 | 0-20 | |
| Ethanol | 94 | 90 | 28-160 | 6-182 | 4 | 0-57 | |
| 1,1-Dichloroethene | 107 | 114 | 78-126 | 70-134 | 6 | 0-28 | |
| 1,2-Dibromoethane | 107 | 112 | 79-121 | 72-128 | 5 | 0-20 | |
| 1,2-Dichlorobenzene | 106 | 109 | 80-120 | 73-127 | 3 | 0-20 | |
| Carbon Tetrachloride | 104 | 108 | 74-134 | 64-144 | 4 | 0-20 | |
| Chlorobenzene | 106 | 110 | 80-120 | 73-127 | 4 | 0-20 | |
| Trichloroethene | 107 | 117 | 79-127 | 71-135 | 9 | 0-20 | |
| Vinyl Chloride | 108 | 118 | 72-132 | 62-142 | 9 | 0-20 | |

Total number of LCS compounds : 16
Total number of ME compounds : 1
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

| | |
|---|---|
| Environmental Resolutions, Inc. | Date Received: N/A |
| 601 North McDowell Blvd. | Work Order No: 10-03-0547 |
| Petaluma, CA 94954-2312 | Preparation: EPA 5030B |
| | Method: EPA 8260B |

Project: ExxonMobil 73006

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| **099-12-884-329** | **Aqueous** | **GC/MS L** | **03/12/10** | **03/12/10** | **100312L01** |

| Parameter | LCS %REC | LCSD %REC | %REC CL | ME_CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|
| Benzene | 106 | 98 | 80-120 | 73-127 | 7 | 0-20 | |
| Toluene | 103 | 108 | 80-120 | 73-127 | 5 | 0-20 | |
| Ethylbenzene | 108 | 107 | 80-120 | 73-127 | 1 | 0-20 | |
| Methyl-t-Butyl Ether (MTBE) | 94 | 102 | 69-123 | 60-132 | 9 | 0-20 | |
| Tert-Butyl Alcohol (TBA) | 97 | 98 | 63-123 | 53-133 | 1 | 0-20 | |
| Diisopropyl Ether (DIPE) | 103 | 100 | 59-137 | 46-150 | 3 | 0-37 | |
| Ethyl-t-Butyl Ether (ETBE) | 102 | 104 | 69-123 | 60-132 | 2 | 0-20 | |
| Tert-Amyl-Methyl Ether (TAME) | 102 | 101 | 70-120 | 62-128 | 1 | 0-20 | |
| Ethanol | 108 | 101 | 28-160 | 6-182 | 7 | 0-57 | |
| 1,1-Dichloroethene | 82 | 105 | 78-126 | 70-134 | 24 | 0-28 | |
| 1,2-Dibromoethane | 98 | 101 | 79-121 | 72-128 | 3 | 0-20 | |
| 1,2-Dichlorobenzene | 106 | 102 | 80-120 | 73-127 | 4 | 0-20 | |
| Carbon Tetrachloride | 94 | 100 | 74-134 | 64-144 | 6 | 0-20 | |
| Chlorobenzene | 102 | 100 | 80-120 | 73-127 | 2 | 0-20 | |
| Trichloroethene | 100 | 101 | 79-127 | 71-135 | 1 | 0-20 | |
| Vinyl Chloride | 107 | 113 | 72-132 | 62-142 | 5 | 0-20 | |

Total number of LCS compounds : 16
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Glossary of Terms and Qualifiers

Work Order Number: 10-03-0547

| Qualifier | Definition |
|---|---|
| * | See applicable analysis comment. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification. |
| 4 | The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification. |
| 5 | The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification. |
| B | Analyte was present in the associated method blank. |
| E | Concentration exceeds the calibration range. |
| I | Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics. |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |
| | Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. |

# CHAIN OF CUSTODY RECORD

0547



Calscience Environmental Laboratories, Inc.
7440 Lincoln Way
Garden Grove, CA 92841
TEL: (714) 895-5494
FAX: (714) 894-7501

ExxonMobil

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) Jose Salcedo
Sampler Signature:

ExxonMobil Engineer Jennifer Sedlachek
Telephone Number (510) 547-8196
Account #:
PO #: 4510812003
Facility ID # 73006
Global ID# T0600100552
Site Address 720 High Street
City, State Zip Oakland, California 94601

TAT
☐ 24 hour ☐ 72 hour
☐ 48 hour ☐ 96 hour
☑ 8 day

PROVIDE: EDF Report

Special Instructions:
7 CA Oxys = TBA, ETBE, TAME, EDB, 1,2-DCA, DIPE, MTBE.
Set TBA detection limit at or below 12 ug/L.
Use silica gel cleanup on all TPHd analyses.

| | Sample ID / Description | DATE | TIME | COMP | GRAB | (VOA/amber) | NUMBER (VOA/A) | Matrix: Water | Soil | Vapor | Analyze For: TPHd 8015B | TPHg 8015B | BTEX 8021B | 7 CA Oxys 8260 | Ethanol 8260B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | QCBB | 3-4-10 | 935 | | | HCl | 2 VOAS | X | | | H | O | L | D | |
| 2 | MW16A | | 955 | | | HCl/none | 6/2 | X | | | X | X | X | X | X |
| 3 | MW16B | | 1015 | | | HCl/none | 6/2 | X | | | X | X | X | X | X |
| 4 | MW17A | | 949 | | | HCl/none | 6/2 | X | | | X | X | X | X | X |
| 5 | MW17B | | 959 | | | HCl/none | 6/2 | X | | | X | X | X | X | X |
| 6 | MW18A | | 1045 | | | HCl/none | 6/2 | X | | | X | X | X | X | X |
| 7 | MW18B | | 1100 | | | HCl/none | 6/2 | X | | | X | X | X | X | X |
| 8 | MW19A | | 1017 | | | HCl/none | 6/2 | X | | | X | X | X | X | X |
| 9 | MW19B | | 1026 | | | HCl/none | 6/2 | X | | | X | X | X | X | X |

Relinquished by: Date 3-4-10 Time 12:25 Received by: Tom O'Malley CEL Time 1215 3/5/10

Relinquished by: Date 3-5-10 Time 1730 Received by: CEL Time 9:30 3/6/10

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact?
VOAs Free of Headspace?

0547



GSO

WebShip >>>>>

800-972-5555 www.gso.com

*Ship From:*
ALAN KEMP
CAL SCIENCE- CONCORD
5063 COMMERCIAL CIRCLE #H
CONCORD, CA 94520

*Ship To:*
SAMPLE RECEIVING
CEL
7440 LINCOLN WAY
GARDEN GROVE, CA 92841

COD:
$0.00

Reference:
ERI

Delivery Instructions:

Signature Type:
SIGNATURE REQUIRED

Tracking #: 513696508

SDS

ORC

D

GARDEN GROVE

D92843A

79827127

Print Date : 03/05/10 16:09 PM

Package 1 of 1

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 10-03-0547

# SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: ERT

DATE: 03/6/10

**TEMPERATURE:** Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen)

**Temperature** 2.3 °C + 0.5 °C (CF) = 2.8 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

**Ambient Temperature:** ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** YL

**CUSTODY SEALS INTACT:**

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** YL

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** OLP

| **SAMPLE CONDITION:** | Yes | No | N/A |
|---|---|---|---|
| Chain-Of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels. | | | |
| ☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished. | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ | ☐ | ☐ |
| Sample container(s) intact and good condition | ☑ | ☐ | ☐ |
| Proper containers and sufficient volume for analyses requested | ☑ | ☐ | ☐ |
| Analyses received within holding time | ☑ | ☐ | ☐ |
| Proper preservation noted on COC or sample container | ☑ | ☐ | ☐ |
| ☐ Unpreserved vials received for Volatiles analysis | | | |
| Volatile analysis container(s) free of headspace | ☑ | ☐ | ☐ |
| Tedlar bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:**

**Solid:** ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

**Water:** ☐VOA ☑VOAh ☐VOA$na_2$ ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGB$na_2$ ☐1AGBs ☐500AGB ☑500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐500PB ☐500PBna ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJ$na_2$ ☐_____ ☐_____ ☐_____

**Air:** ☐Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Checked by:** OLP

**Container:** C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** MSC

**Preservative:** h: HCL n: HNO3 $na_2$:$Na_2S_2O_3$ Na: NaOH p: $H_3PO_4$ s: $H_2SO_4$ znna: $ZnAc_2$+NaOH f: Field-filtered **Scanned by:** OLP

# APPENDIX C

# WASTE DISPOSAL DOCUMENTATION

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

**NON-HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Document No. EM1-73006

2. Page 1 of 1

3. Generator's Name and Mailing Address EM1-73006
720 High St.
Oakland, CA

ERI # 2010

4. Generator's Phone ( )

5. Transporter 1 Company Name: ERI

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone (707) 766-2024

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Instrat
1105 C Airport Rd
Rio Vista, CA

10. US EPA ID Number
CAD000150599

E. State Facility's ID

F. Facility's Phone (707) 374-3834

| 11. WASTE DESCRIPTION | 12. Containers No. | 12. Containers Type | 13. Total Quantity | 14. Unit Wt./Vol. |
|---|---|---|---|---|
| a. Non-Haz Purge water | 1 | Poly | 84 | GALS |
| b. | | | | |
| c. | | | | |
| d. | | | | |

G. Additional Descriptions for Materials Listed Above
Colors - Brown
Odors - N
Solids - N

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

**GENERATOR**

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name | Signature | Date: Month Day Year

**TRANSPORTER**

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Danny West | Signature | Date: Month 3 Day 11 Year 10

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

**FACILITY**

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Instrat

Printed/Typed Name: Matt Bekker | Signature | Date: Month 3 Day 11 Year 10

**NON-HAZARDOUS WASTE**



Rev. 3/95

# APPENDIX D

# FIELD DATA SHEETS

# Daily Field Report

Environmental Resolutions, Inc.

VALUE, QUALITY, RESPONSE

**Project ID #: 73006** | **ERI Job # 0220102010**

**Subject: GW SAMPLING** | **Date: 3/4/2010**

**Equipment Used: SOLINST/HYDAC/PUMPS/BATTS'S/SAMPLING EQUIPMENT/ETC.** | **Sheet: 1**

**Name(s): SALGADO, JOSE A**

**Time Arrived On Site: 7:15** **Time Departed Site: 10:45**

| | |
|---|---|
| 07:15 | -ARRIVED ON SITE |
| | -INFORMED STATION OF WORK TO BE DONE |
| | -SET UP EXCLUSION ZONE AND CHOCKED THE WHEELS ON VEHICLE |
| | -REVIEWED APPLICABLE JSA'S |
| | -PERFORMED SPSA FOR: HIGH TRAFFIC |
| | -STARTED PAPERWORK FOR SITE AND LABELS |
| | -SET UP DECON/WORK AREA AND DECON'D EQUIPMENT |
| 07:15 | -HELD H&S MEETING/REVIEWED HOSPITAL ROUTE /FINISHED AT 07:30 |
| 07:30 | -OPENED WELLS AND ALLOWED WELLS TO CHARGE |
| 07:45 | -STARTED MEASURING /FINISHED AT 08:15 |
| 08:30 | -STARTED PURGING /FINISHED AT 09:30 |
| 09:45 | -STARTED SAMPLING /FINISHED AT 10:30 |
| | -DECON'D EQUIPMENT/CLEANED UP DECON STATION/LOADED TRUCK |
| | -BROKE DOWN EXCLUSION ZONE/LOADED TRUCK |
| 10:45 | -ERI OFF SITE |
| Notes: | -COULD NOT FIND MW4,I THINK IS BURRIED UNDER GRASS PLANTER. |

| | | |
|---|---|---|
| *M/P/S 4 WELLS | *M/S 0 WELLS | M/S LOW FLOW 0 WELLS |
| *MO 4 WELLS | *O/P 0 WELLS | *POTABLE 0 WELLS |

*TOOK TWO AT 2:00 PM

TOTAL PURGED GALLONS: 24 DECON WATER GALLONS: 15

*0 T/C SET UPS

# DAILY FIELD REPORT

Environmental Resolutions, Inc.

PROJECT: 7306 JOB # + ACTIVITY: 20161.5

SUBJECT: QM DATE: 3-4-10

EQUIPMENT USED: SHEET: 1 OF 1

NAME: Jose PROJECT MNGR: PAULA. S

Onsite @ 715 Safety w/ DAN

SUNNY Checked in STATION

Open Wells DTW wells

purged & Sampled - MW17A&B, MW19A&B.

NOTE* Could Not Find MW4 I THINK IS BURRIED UNDER GRASS PLANTER.

PURGE+24

DECON+15

TOTAL+39 + DAN'S H20

OFFSITE 1045

# WATER SAMPLING SITE STATUS

Date: 3-4-10

Inspected by: Jose S.

ERI Job Number: 2010 Station No.: 73006 Site Address: 720 HIGH ST Oakland

| Well ID | Well Head Screws | Rubber Gasket | Well Cap Locking | Lock on Well Cap | Concrete Well Seal | Well Head PVC | Water in Well Vault | Tabs | Well Cover | Fence/Gate Condition | # Drums | Drum Contents | Building Condition | Site Appearance | Comments / Well Covers |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N/R/ok | N/R/ok | N/R/ok | N/R/ok | N/R/ok | N/R/ok | Y / N | N/R/ok | N/R/ok | N/R/ok | | s/w/e | g/v/o | N/R/ok | |
| MW17B | ok | ok | ok | N | ok | ok | Y | ok | ok | | | | | | |
| MW17A | ok | ok | ok | N | ok | ok | N | ok | ok | | | | | | |
| MW19A | ok | ok | ok | N | ok | ok | N | ok | ok | | | | | | |
| MW19B | ok | ok | ok | ok | ok | ok | N | ok | ok | | | | | | |
| MW14 | N | N | ok | ok | ok | ok | Y | N | ok | | | | | | |
| MW4 | ok | ok | ok | ok | ok | ok | Y | ok | ok | | | | | | |
| MW3 | ok | ok | ok | ok | ok | ok | N | ok | ok | | | | | | |
| MW6 | ok | ok | ok | ok | ok | ok | N | ok | ok | | | | | | |

N = Not repairable in time available-see comments.
R = Repaired-see comments
ok = No action needed.

Y = Yes.
N = No.

s = Soil.
w = Water.
e = Empty.

g = Graffitti on walls.
v = Vagrants (or evidence of).
o = Open (not secured).

| Depth to Water Data | | QRT | 1st | YEAR | 2010 | | Calc Case Volume for purge | |
|---|---|---|---|---|---|---|---|---|
| ERI # | 2010 | | | | | | 2" WELL x 0.163 | |
| Site # | 2010 | Address: | | | | | 4" WELL x 0.652 | |
| PM: | 7-3006 | | | | | | 6" WELL x 1.467 | |
| Date: | 3/4/2010 | | | | | | r (squared) x 0.163 | |
| Tech: | JS | | | Recharge formula: | | | | |
| DTW Time | | | | Step 1▶ | Calc 80% in feet▶ | | TD - PreDTW x .80 (ft) = | |
| Start: | | | | Step 2▶ | Calc PostDTW (ft)▶ | | TD - PostDTW (ft) = | |
| Finish: | | | | Take ratio of result from Step 2 and Step 1 to find % recharge | | | | |

| WELL ID | TD | PreDTW | CASE D | CASE V | PostDTW | Rechrg 80% | Sample Time | DTP | Prd Thick |
|---|---|---|---|---|---|---|---|---|---|
| MW 1 | 28.67 | | 4 | 18.6928 | | | | | |
| MW 2 | 35.00 | 3.84 | 4 | 20.3163 | | | | | |
| MW 3 | 35.00 | 4.64 | 4 | 19.7947 | | | | | |
| MW 4 | 35.00 | | 4 | 22.82 | | | | | |
| MW 6 | 35.00 | 4.21 | 4 | 20.0751 | | | | | |
| MW 12 | 15.50 | | 4 | 10.106 | | | | | |
| MW 14 | 17.08 | 4.75 | 4 | 8.03916 | | | | | |
| MW16A | 12.50 | | 2 | 2.0375 | | | | | |
| MW16B | 24.00 | | 2 | 3.912 | | | | | |
| MW17A | 13.00 | 4.73 | 2 | 1.34801 | 4.7 | Y | | | |
| MW17B | 26.00 | 6.15 | 2 | 3.23555 | 6.7 | Y | | | |
| MW18A | 14.00 | | 2 | 2.282 | | | | | |
| MW18B | 31.00 | | 2 | 5.053 | | | | | |
| MW19A | 14.00 | 4.3 | 2 | 1.5811 | 4.4 | Y | | | |
| MW19B | 24.00 | 5.11 | 2 | 3.07907 | 7.67 | Y | | | |

| MONITORING - FIELD LOG | | | | | |
|---|---|---|---|---|---|
| ERI # | 2010 | | QRT | 1ST | 2010 |
| Client: | ExxonMobil | | DATE: | 3/4/10 | |
| Site ID: | 7-3006 | | TECH | JS | |
| ADDRESS: 720 High St. | | | PM: | Paula | |
| Oakland, CA | | | Total Purge Volume | | |
| | | PRG | | | |
| WELL # | TIME | VOL | TEMP | COND | pH |
| BB | | | | | |
| COMMENTS: | | | | | |
| | | | | | |
| | | PRG | | | |
| MW17A | TIME | VOL | TEMP | COND | pH |
| | 8:42 | 2 | | US | |
| | 8:43 | 2 | 16.60 | 377.00 | 6.64 |
| | | 4 | | | |
| | | 6 | | | |
| | | | | | |
| | | | | | |
| TOTAL PURGE | | | | | |
| COMMENTS: | DRY@4 BEFORE READING | | | | |
| | | | | | |
| | | PRG | | | |
| MW17B | TIME | VOL | TEMP | COND | pH |
| | 8:50 | 4 | | US | |
| | 8:52 | 4 | 18.20 | 502.00 | 6.96 |
| | 8:55 | 8 | 19.50 | 518.00 | 7.06 |
| | | 12 | | | |
| | | | | | |
| | | | | | |
| TOTAL PURGE | | | | | |
| COMMENTS: | DRY@10 | | | | |
| | | | | | |
| | | PRG | | | |
| MW19A | TIME | VOL | TEMP | COND | pH |
| | 9:08 | 2 | | US | |
| | 9:09 | 2 | 19.10 | 577.00 | 6.87 |
| | | 4 | | | |
| | | 6 | | | |
| | | | | | |
| | | | | | |
| TOTAL PURGE | | | | | |
| COMMENTS: | DRY@4 BEFORE READING | | | | |
| | | | | | |
| | | PRG | | | |
| MW19B | TIME | VOL | TEMP | COND | pH |
| | 9:15 | 4 | | US | |
| | 9:18 | 4 | 20.10 | 615.00 | 7.13 |
| | | 8 | | | |
| | | 12 | | | |
| | | | | | |
| | | | | | |
| TOTAL PURGE | | | | | |
| COMMENTS: | DRY@6 | | | | |

# Daily Field Report

Environmental Resolutions, Inc.

VALUE, QUALITY, RESPONSE

**Project ID #: 73006** — **ERI Job # 0220102010**

**Subject: GW SAMPLING** — **Date: 3/4/2010**

**Equipment Used: SOLINST/HYDAC/PUMPS/BATTS'S/SAMPLING EQUIPMENT/ETC.** — **Sheet: 1**

**Name(s): WEST, DANIEL**

**Time Arrived On Site: 7:15** — **Time Departed Site: 11:15**

| | |
|---|---|
| 07:15 | -ARRIVED ON SITE |
| | -INFORMED STATION OF WORK TO BE DONE |
| | -SET UP EXCLUSION ZONE AND CHOCKED THE WHEELS ON VEHICLE |
| | -REVIEWED APPLICABLE JSA'S |
| | -PERFORMED SPSA FOR: BUMS AND RANDOM PEOPLE |
| | -STARTED PAPERWORK FOR SITE AND LABELS |
| | -SET UP DECON/WORK AREA AND DECON'D EQUIPMENT |
| 07:15 | -HELD H&S MEETING/REVIEWED HOSPITAL ROUTE /FINISHED AT 07:30 |
| 07:30 | -OPENED WELLS AND ALLOWED WELLS TO CHARGE |
| 07:45 | -STARTED MEASURING /FINISHED AT 08:00 |
| 08:40 | -STARTED PURGING /FINISHED AT 09:40 |
| 09:55 | -STARTED SAMPLING /FINISHED AT 11:00 |
| | -DECON'D EQUIPMENT/CLEANED UP DECON STATION/LOADED TRUCK |
| | -BROKE DOWN EXCLUSION ZONE/LOADED TRUCK |
| 11:15 | -ERI OFF SITE |
| Notes: | -Could not find MW 12 (possibly burried or removed) |

| | | |
|---|---|---|
| *M/P/S 4 WELLS | *M/S 0 WELLS | M/S LOW FLOW 0 WELLS |
| *MO 0 WELLS | *O/P 0 WELLS | *POTABLE 0 WELLS |

TOTAL PURGED GALLONS: 30 DECON WATER GALLONS: 15

*0 T/C SET UPS

# DAILY FIELD REPORT

Environmental Resolutions, Inc.

PROJECT: 73006 JOB # + ACTIVITY: 2010 13

SUBJECT: QM DATE: 3/4/10

EQUIPMENT USED: SHEET: 1 OF 1

NAME: Danny West PROJECT MNGR: Paula

Onsite 715 Sunny

Safety Meeting

Opened Wells

DTW wells

Set up decon

Purged and Sampled — MW 16A, MW 16B, MW 18A
MW 18B

*Could not find: MW 12 (possibly buried)
MW 4 (possibly buried)

Purge 30 gal

Decon 15 gal

total 45 gal plus Jose

Offsite 11:15

# WATER SAMPLING SITE STATUS

Date: 3/4/10

Inspected by: DW

ERI Job Number: 2010 Station No.: 73006 Site Address: 720 High St Oakland CA

| Well ID | Well Head Screws | Rubber Gasket | Well Cap Locking | Lock on Well Cap | Concrete Well Seal | Well Head PVC | Water in Well Vault | Tabs | Well Cover | Fence/Gate Condition | # Drums | Drum Contents | Building Condition | Site Appearance | Comments / Well Covers |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N/R/ok | N/R/ok | N/R/ok | N/R/ok | N/R/ok | N/R/ok | Y / N | N/R/ok | N/R/ok | N/R/ok | | s/w/e | g/v/o | N/R/ok | |
| MW 16A | ok | N | ok | N | ok | ok | Y | ok | ok | | | | | | |
| MW 16B | ok | N | ok | N | ok | ok | N | ok | ok | | | | | | |
| MW 18A | ok | N | ok | N | ok | ok | N | ok | ok | | | | | | |
| MW 18B | ok | N | ok | N | ok | ok | N | ok | ok | | | | | | |

N = Not repairable in time available-see comments.
R = Repaired-see comments
ok = No action needed.

Y = Yes.
N = No.

s = Soil.
w = Water.
e = Empty.

g = Graffitti on walls.
v = Vagrants (or evidence of).
o = Open (not secured).

| Depth to Water Data | | QRT | 1ST | YEAR | 2010 | | Calc Case Volume for purge | |
|---|---|---|---|---|---|---|---|---|
| ERI # | 2010 | | | | | | 2" WELL x 0.163 | |
| Site # | 2010 | Address: | | | | | 4" WELL x 0.652 | |
| PM: | 7-3006 | | | | | | 6" WELL x 1.467 | |
| Date: | 3/4/2010 | | | | | | r (squared) x 0.163 | |
| Tech: | DW | | | Recharge formula: | | | | |
| DTW Time | | | | Step 1▶ | Calc 80% in feet▶ | | TD - PreDTW x .80 (ft) | = |
| Start: | 7:45 | | | Step 2▶ | Calc PostDTW (ft)▶ | | TD - PostDTW (ft) | = |
| Finish: | 8:00 | | | Take ratio of result from Step 2 and Step 1 to find % recharge | | | | |

| WELL ID | TD | PreDTW | CASE D | CASE V | PostDTW | Rechrg 80% | Sample Time | DTP | Prd Thick |
|---|---|---|---|---|---|---|---|---|---|
| MW 1 | 28.67 | | 4 | 18.6928 | | | | | |
| MW 2 | 35.00 | | 4 | 22.82 | | | | | |
| MW 3 | 35.00 | | 4 | 22.82 | | | | | |
| MW 4 | 35.00 | | 4 | 22.82 | | | | | |
| MW 6 | 35.00 | | 4 | 22.82 | | | | | |
| MW 12 | 15.50 | | 4 | 10.106 | | | | | |
| MW 14 | 17.08 | | 4 | 11.1362 | | | | | |
| MW16A | 12.50 | 3.97 | 2 | 1.39039 | 3.97 | 100.00 | 9:55 | | |
| MW16B | 24.00 | 7.21 | 2 | 2.73677 | 6.47 | 104.41 | 10:15 | | |
| MW17A | 13.00 | | 2 | 2.119 | | | | | |
| MW17B | 26.00 | | 2 | 4.238 | | | | | |
| MW18A | 14.00 | 3.97 | 2 | 1.63489 | 4.7 | 92.72 | 10:45 | | |
| MW18B | 31.00 | 4.97 | 2 | 4.24289 | 9.14 | 83.98 | 11:00 | | |
| MW19A | 14.00 | | 2 | 2.282 | | | | | |
| MW19B | 24.00 | | 2 | 3.912 | | | | | |

| MONITORING - FIELD LOG | | | | | |
|---|---|---|---|---|---|
| ERI # | 2010 | | QRT | 1ST | 2010 |
| Client: | ExxonMobil | | DATE: | 3/4/10 | |
| Site ID: | 7-3006 | | TECH | DW | |
| ADDRESS: 720 High St. | | | PM: | Paula | |
| Oakland, CA | | | Total Purge Volume | | 30.00 |
| | | PRG | | | |
| WELL # | TIME | VOL | TEMP | COND | pH |
| BB | | | | | |
| COMMENTS: | | | | | |
| | | | | | |
| | | PRG | | | |
| WELL # | TIME | VOL | TEMP | COND | pH |
| MW 16A | 8:39 | 2 | C | uS | |
| | 8:41 | 2 | 16.80 | 422.50 | 6.72 |
| | 8:43 | 4 | 17.20 | 916.00 | 6.80 |
| | 8:45 | 6 | 17.50 | 926.00 | 6.84 |
| | | | | | |
| | | | | | |
| TOTAL PURGE | | 6 | | | |
| COMMENTS: | | | | | |
| | | | | | |
| | | PRG | | | |
| WELL # | TIME | VOL | TEMP | COND | pH |
| MW 16B | 8:53 | 3 | C | uS | |
| | 8:56 | 3 | 18.60 | 619.00 | 7.07 |
| | | 6 | | | |
| | | 9 | | | |
| | | | | | |
| | | | | | |
| TOTAL PURGE | | 3 | | | |
| COMMENTS: | DRY AT 3 GALLONS | | | | |
| | | | | | |
| | | PRG | | | |
| WELL # | TIME | VOL | TEMP | COND | pH |
| MW 18A | 9:10 | 2 | C | uS | |
| | 9:12 | 2 | 17.10 | 450.30 | 7.24 |
| | 9:14 | 4 | 18.00 | 1005.00 | 7.16 |
| | 9:16 | 6 | 18.40 | 1167.00 | 7.11 |
| | | | | | |
| | | | | | |
| TOTAL PURGE | | 6 | | | |
| COMMENTS: | | | | | |

| MONITORING - FIELD LOG | | | | | |
|---|---|---|---|---|---|
| ERI # | 2010 | | QRT | 1ST | 2010 |
| Client: | ExxonMobil | | DATE: | 3/4/10 | |
| Site ID: | 7-3006 | | TECH | DW | |
| ADDRESS: 720 High St. | | | PM: | Paula | |
| Oakland, CA | | | Total Purge Volume | | 30.00 |
| | | | | | |
| | | PRG | | | |
| WELL # | TIME | VOL | TEMP | COND | pH |
| MW 18B | 9:23 | 5 | C | uS | |
| | 9:28 | 5 | 20.30 | 1373.00 | 7.05 |
| | 9:31 | 10 | 20.20 | 1227.00 | 7.14 |
| | 9:35 | 15 | 20.50 | 699.00 | 7.06 |
| | | | | | |
| | | | | | |
| TOTAL PURGE | | 15 | | | |
| COMMENTS: | | | | | |