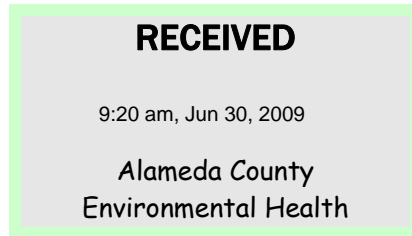


**ExxonMobil
Environmental Services Company**

4096 Piedmont Avenue #194
Oakland, California 94611
510 547 8196 Telephone
510 547 8706 Facsimile

Jennifer C. Sedlachek
Project Manager



ExxonMobil

June 15, 2009

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 #70238/2200 East 12th Street, Oakland California.

Dear Ms. Jakub:

Attached for your review and comment is a copy of the letter report entitled *Groundwater Monitoring Report, Second Quarter 2009*, dated June 15, 2009, for the above-referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Petaluma, California, and details groundwater monitoring and sampling activities at 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, Second Quarter 2009, dated June 15, 2009

cc: w/ attachment
Mr. Shay Wideman, The Valero Companies, Environmental Liability Management

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



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

June 15, 2009
ERI 229313.Q092

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

SUBJECT **Groundwater Monitoring, Second Quarter 2009**
Former Exxon Service Station 70238
2200 East 12th Street, Oakland, California

Alameda County Environmental Health Department Case No. RO#390

INTRODUCTION

At the request of ExxonMobil Environmental Services Company, on behalf of ExxonMobil Oil Corporation (ExxonMobil), Environmental Resolutions, Inc. (ERI) performed second quarter 2009 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 Valero-branded service station.

GROUNDWATER MONITORING AND SAMPLING SUMMARY

| | |
|------------------------------------|--|
| Gauging and sampling dates: | 04/01/09 |
| Wells gauged and sampled: | MW9A through MW9D, MW9I |
| Presence of NAPL: | Not observed |
| Laboratory: | Calscience Environmental Laboratories, Inc. Garden Grove, California |
| Analyses performed: | EPA Method 8015B TPHg EPA Method 8260B BTEX, MTBE, ETBE, DIPE, TAME, 1,2-DCA, EDB, TBA EPA Method 8260B Ethanol (select samples) |
| Waste disposal: | 66 gallons of purge and decon water delivered to InStrat, Inc., of Rio Vista, California, on 04/10/09 |

REMEDIATION SYSTEM SUMMARY

The remediation system at the site is currently shut down for post-remedial monitoring of site conditions.

Dual-Phase Extraction System

ERI operated a DPE system at the site from January 2004 to July 2008. The DPE system removed approximately 976.3 pounds of TPHg, 8.6 pounds of benzene, and 38.3 pounds of MTBE during its operational period. Details of the DPE system operation and performance are included in ERI's report, *Groundwater Monitoring and Remediation Status Report, Third Quarter 2008*, dated October 24, 2008.

CONCLUSIONS

Groundwater elevations, groundwater flow direction, and dissolved-phase petroleum hydrocarbon concentrations are consistent with the historical data for the site. Off-site monitoring wells MW9F, MW9G, and MW9H are currently inaccessible because of encroachment permitting issues with the City of Oakland. ERI will continue to pursue access to wells MW9F, MW9G, and MW9H with the City of Oakland.

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, Room 250
Alameda, California 94502-6577

Mr. Shay Wideman
The Valero Companies
Environmental Liability Management
685 West Third Street
Hanford, California 93230

LIMITATIONS

For any reports cited that were not generated by ERI, the data taken from those reports 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 reports.

This report 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.

Jennifer L. Lacy
SCANNED IMAGE

Jennifer L. Lacy
Senior Staff Scientist

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

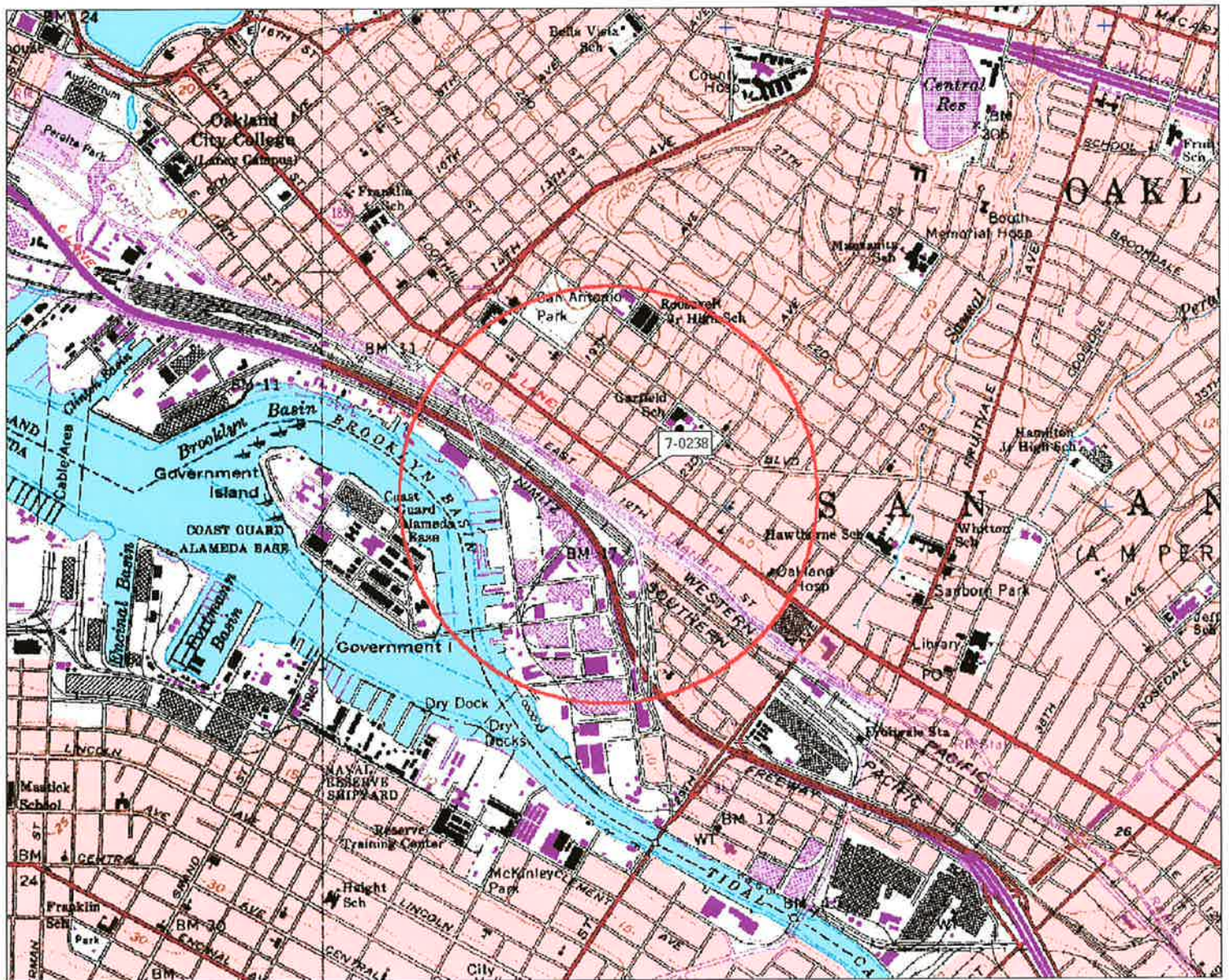
Enclosures:

Acronym List

- | | |
|------------|--|
| Plate 1 | Site Vicinity Map |
| Plate 2 | Select Analytical Results |
| Plate 3 | Groundwater Elevation Map |
| 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 Reports and Chain-of-Custody Records |
| Appendix C | Field Data Sheets |
| Appendix D | Waste Disposal Documentation |

ACRONYM LIST

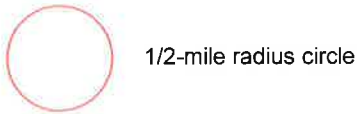
| | | | |
|-------------------|---|-------|--|
| µg/L | Micrograms per liter | NEPA | National Environmental Policy Act |
| µs | Microsiemens | NGVD | National Geodetic Vertical Datum |
| 1,2-DCA | 1,2-dichloroethane | NPDES | National Pollutant Discharge Elimination System |
| acfm | Actual cubic feet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



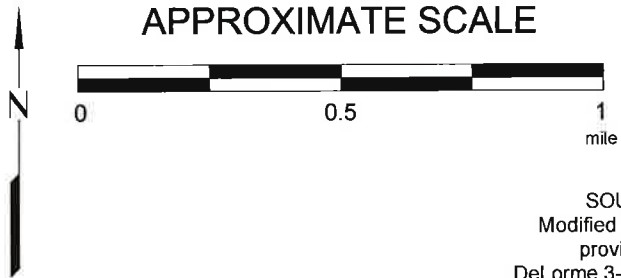
3-D Topo Quads Copyright © 1999 DeLorme, Yarmouth, ME 04096 Source Data: USGS 550 Ft. Scale: 1:19,200 Detail: 13-0 Datum: WGS84

FN 2293TOPO

EXPLANATION



APPROXIMATE SCALE



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



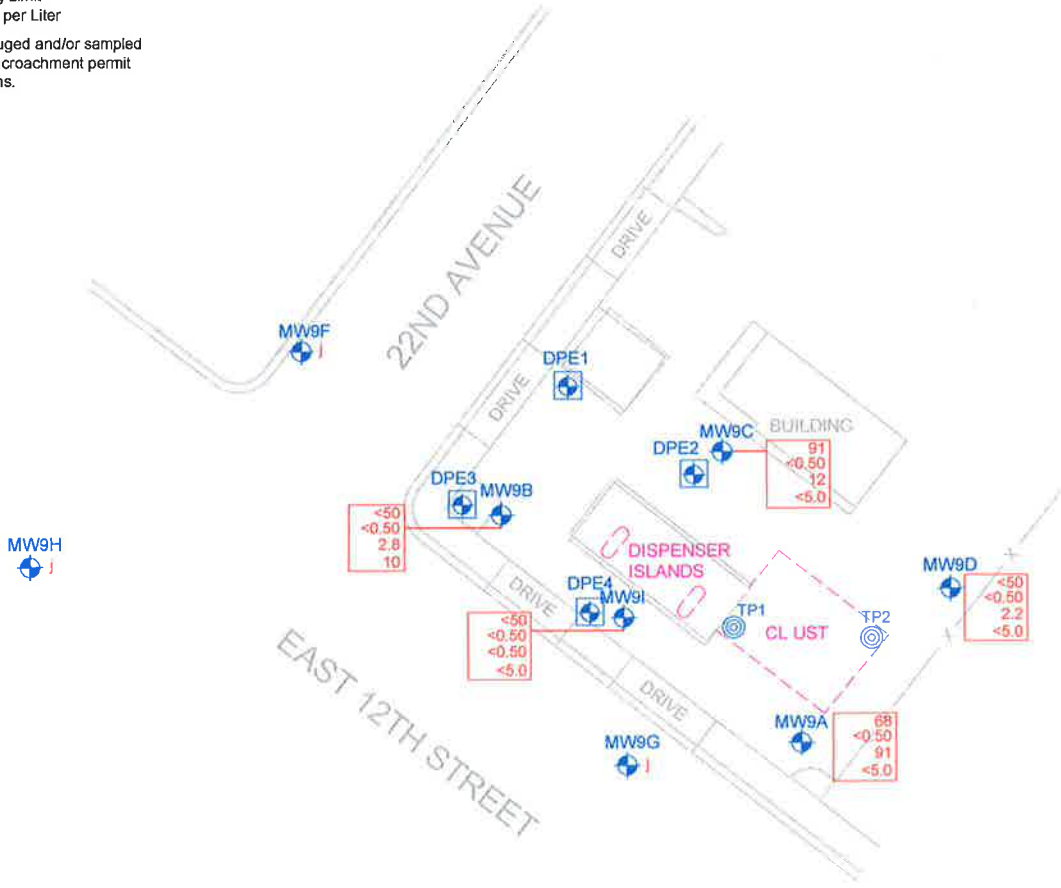
SITE VICINITY MAP
FORMER EXXON SERVICE STATION 70238
2200 East 12th Street
Oakland, California

PROJECT NO.
2293
PLATE
1

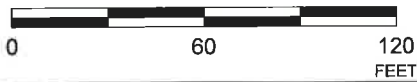
Analyte Concentrations in ug/L
 Sampled April 1, 2009

Total Petroleum Hydrocarbons
 as gasoline
 Benzene
 Methyl Tertiary Butyl Ether
 (EPA Method 8260B)
 Tertiary Butyl Alcohol

- < Less Than the Stated Laboratory Reporting Limit
- ug/L Micrograms per Liter
- j Well not gauged and/or sampled due to encroachment permit restrictions.



APPROXIMATE SCALE



SOURCE:
 Modified from a map
 provided by
 Morrow Surveying

FN: 2293 09 2QTR_QM

EXPLANATION

MW9I
 Groundwater Monitoring Well

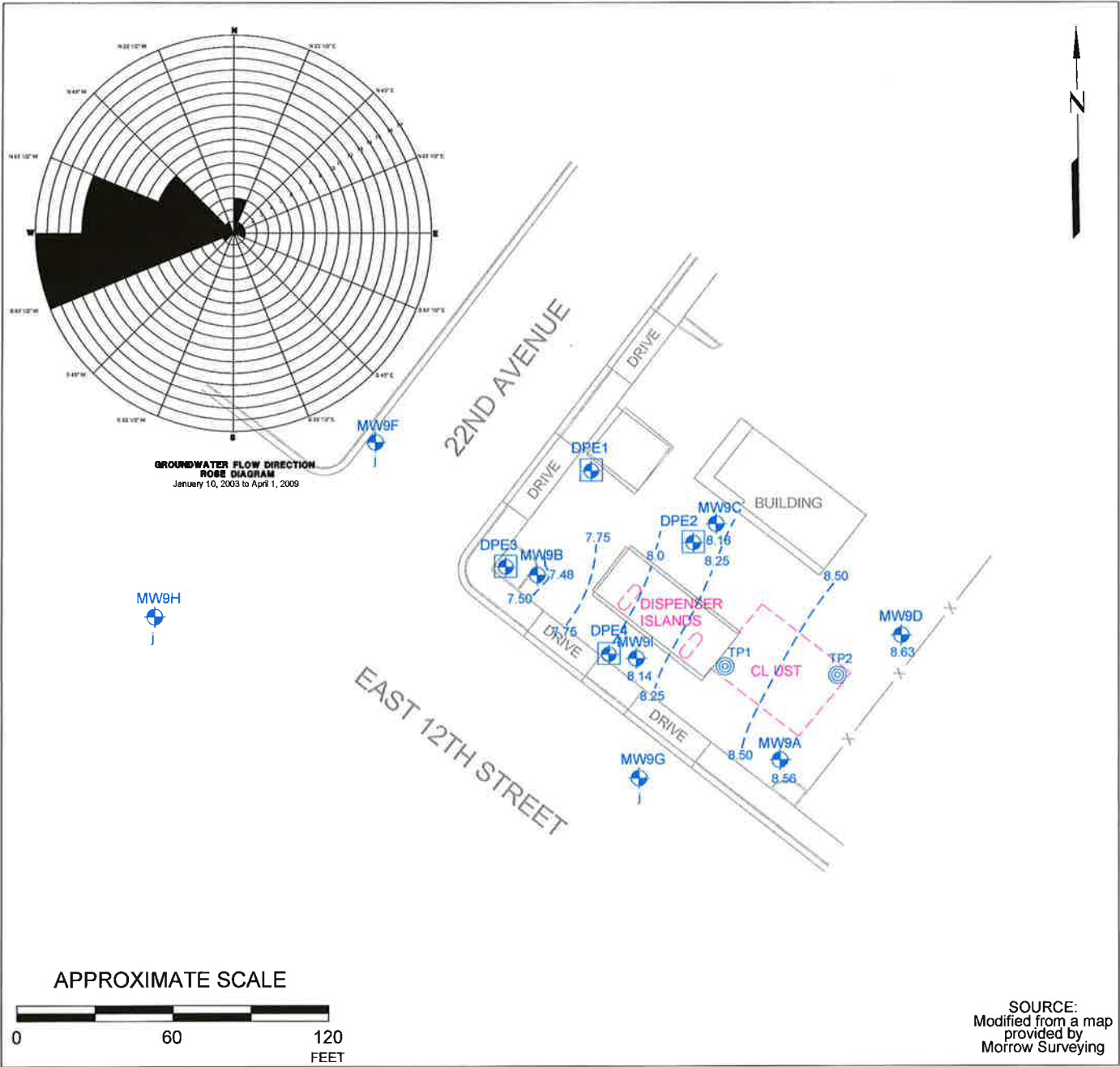
DPE4
 Dual-Phase Extraction Well

TP2
 Tank Pit Well



SELECT ANALYTICAL RESULTS
April 1, 2009
 FORMER EXXON SERVICE STATION 70238
 2200 East 12th Street
 Oakland, California

PROJECT NO.
 2293
PLATE
 2



FN: 2293 09 2QTR_QM

EXPLANATION

- MW9I
 Groundwater Monitoring Well
- 8.14
 Groundwater elevation in feet; datum is mean sea level
- 8.50 — — — Line of Equal Groundwater Elevation; datum is mean sea level
- j
 Well not gauged and/or sampled due to encroachment permit restrictions.
- DPE4
 Dual-Phase Extraction Well
- TP2
 Tank Pit Well



GROUNDWATER ELEVATION MAP
April 1, 2009
 FORMER EXXON SERVICE STATION 70238
 2200 East 12th Street
 Oakland, California

PROJECT NO.
 2293
PLATE
 3

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

Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

| Well ID | Sampling Date | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------|------------------|------------|-----------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW9A | 06/13/88 | --- | --- | --- | --- | --- | --- | --- | <0.5 | <1.0 | <2.0 | <1.0 |
| MW9A | 10/24/88 | --- | --- | --- | --- | --- | --- | --- | <0.5 | <1.0 | <2.0 | <1.0 |
| MW9A | 10/13/89 | 100.07 l | --- | --- | --- | --- | --- | --- | <0.5 | <0.5 | <0.5 | <3.0 |
| MW9A | 10/19/90 | 100.07 l | --- | --- | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9A | 02/05/92 | 100.07 l | 6.93 | 93.14 | --- | <50 | --- | --- | 1.1 | 1.8 | 0.6 | 1.3 |
| MW9A | 05/05/92 | 100.07 l | 6.95 | 93.12 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9A | 09/14/92 | 100.07 l | 7.65 | 92.42 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9A | 11/16/92 | 100.07 l | 7.35 | 92.72 | --- | <50 | --- | --- | 1.1 | <0.5 | <0.5 | <0.5 |
| MW9A | 02/03/93 | 100.07 l | 7.85 | 92.22 | --- | 140 | --- | --- | 17 | 19 | 1.6 | 20 |
| MW9A | 05/18/93 | 100.07 l | 6.95 | 93.12 | --- | <50 | --- | --- | 0.8 | <0.5 | 1.3 | 7 |
| MW9A | 08/26/93 | 100.07 l | 7.14 | 92.93 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9A | 11/04/93 | 100.07 l | 7.23 | 92.84 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9A | 02/04/94 | 100.07 l | 6.70 | 93.37 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9A | 05/31/94 | 100.07 l | 6.74 | 93.33 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9A | 10/26/94 | 11.46 | 7.06 | 4.40 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9A | 05/15/95 | 11.46 | 6.32 | 5.14 | --- | <50 | --- | --- | 0.52 | 0.67 | <0.5 | <0.5 |
| MW9A | 11/02/95 | 11.46 | 7.16 | 4.30 | No | <50 | <10 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9A | 04/26/96 | 11.46 | 6.33 | 5.13 | No | --- | --- | --- | --- | --- | --- | --- |
| MW9A | 08/22/96 | 11.46 | 7.02 | 4.44 | No | --- | --- | --- | --- | --- | --- | --- |
| MW9A | 02/24/97 | 11.46 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9A | 03/16/98 | 11.46 | 6.14 | 5.32 | No | <200 | 40,000 | --- | 7.9 | <2.0 | <2.0 | <2.0 |
| MW9A | 04/21/98 | 11.46 | 6.29 | 5.17 | No | <50 | 53,000 | --- | 3.8 | <0.5 | <0.5 | <0.5 |
| MW9A | 07/22/98 | 14.53 | 6.58 | 7.95 | No | <250 | 18,000 | --- | <2.5 | <2.5 | <2.5 | <2.5 |
| MW9A | 12/22/98 | 14.53 | 6.47 | 8.06 | No | <50 | 5,200 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9A | 02/26/99 | 14.53 | 6.38 | 8.15 | No | <100 | 10,000 | --- | <1.0 | <1.0 | <1.0 | <1.0 |
| MW9A | 05/27/99 a | 14.53 | 6.56 | 7.97 | No | <5,000 | 15,300 | --- | <50 | <50 | <50 | <50 |
| MW9A | 08/03/99 | 14.53 | 9.39 | 5.14 | No | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9A | 12/03/99 | 14.53 | 6.52 | 8.01 | No | <50 | 1,400 | --- | <0.5 | <0.5 | <0.5 | 0.67 b |
| MW9A | 02/29/00 | 14.53 | 5.31 | 9.22 | No | <50 | 20,000 | --- | 1.2 | <0.5 | <0.5 | <0.5 |
| MW9A | 05/18/00 | 14.53 | 6.31 | 8.22 | No | <50 | 14,000 | 11,000 | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9A | 07/24/00 | 14.53 | 6.54 | 7.99 | No | <50 | 7,400 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9A | 10/09/00 | 14.53 | 6.00 | 8.53 | No | <50 | 2,300 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9A | 01/10/01 | 14.53 | 6.34 | 8.19 | No | <50 | 3,700 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9A | 04/10/01 | 14.53 | 9.31 | 5.22 | No | <50 | 11,000 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9A | 07/12/01 | 14.53 | --- | --- | No | <50 | 3,600 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9A | 08/17/01 c | 14.53 | 6.61 | 7.92 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9A | 10/11/01 | 14.53 | 7.03 | 7.50 | No | <50 | 1,700 | --- | <0.5 | <0.5 | <0.5 | <0.5 |

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

Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

| Well ID | Sampling Date | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|-------------|-----------------|------------------|---|-----------------|-------------|-------------|-------------------|-------------------|-----------------|-----------------|-----------------|-----------------|
| MW9A | 10/11/01 | 14.51 | Well surveyed in compliance with AB2886 requirements. | | | | | | | | | |
| MW9A | 01/11/02 | 14.51 | 5.93 | 8.58 | No | 2,090e | 31,000e | --- | 18.6e | <0.50 | <0.50 | <0.50 |
| MW9A | 04/12/02 | 14.51 | 6.41 | 8.10 | No | 34,300 | 32,200 | --- | <5.00 | <5.00 | <5.00 | <5.00 |
| MW9A | 07/12/02 | 14.51 | 6.64 | 7.87 | No | 6,760 | 8,070 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9A | 10/11/02 | 14.51 | 6.76 | 7.75 | No | 2,420 | 2,860 | 3,040 | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9A | 01/10/03 | 14.51 | 5.90 | 8.61 | No | 38,800 | 51,900 | --- | 103 | 15.0 | <5.0 | 13.0 |
| MW9A | 04/09/03 | 14.51 | 6.38 | 8.13 | No | 34,200 | 38,600 | --- | 14.0 | <5.0 | <5.0 | <5.0 |
| MW9A | 07/22/03 | 14.51 | 6.56 | 7.95 | No | 20,200 | 19,500 | --- | 0.50 | <0.5 | <0.5 | <0.5 |
| MW9A | 10/01/03 | 14.51 | 6.72 | 7.79 | No | 9,460 | --- | 7,620 | 0.70 | <0.5 | <0.5 | <0.5 |
| MW9A | 01/06/04 | 14.51 | 5.89 | 8.62 | No | 8,540 | 11,600 | --- | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9A | 06/07/04 | 14.51 | 6.80 | 7.71 | No | 3,470 | --- | 5,600 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9A | 08/30/04 d | 14.51 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9A | 12/13/04 | 14.51 | 5.99 | 8.52 | No | 1,130 | --- | 1,360 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9A | 03/14/05 | 14.51 | 6.03 | 8.48 | No | 2,150 | --- | 2,560 | 0.80 | <0.5 | <0.5 | <0.5 |
| MW9A | 06/08/05 | 14.51 | 14.33 | 0.18 | No | 1,610 | --- | 2,040 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9A | 09/01/05 | 14.51 | 6.50 | 8.01 | No | 1,020 | --- | 1,320 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9A | 12/09/05 i | 14.51 | 16.50 | -1.99 | No | 1,140 | --- | 801 | 1.16 | <0.50 | <0.50 | <0.50 |
| MW9A | 12/30/05 | 14.51 | 5.21 | 9.30 | No | --- | --- | --- | --- | --- | --- | --- |
| MW9A | 03/07/06 | 14.51 | 16.01 | -1.50 | No | 400 | --- | 560 | <2.5 | <2.5 | <2.5 | <2.5 |
| MW9A | 06/26/06 | 14.51 | 6.10 | 8.41 | No | 390 | --- | 430 | <2.5 | <2.5 | <2.5 | <2.5 |
| MW9A | 09/25/06 | 14.51 | 6.54 | 7.97 | No | 150 | --- | 172 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9A | 12/15/06 | 14.51 | 16.21 | -1.70 | No | 250k | --- | 190 | <2.5 | <2.5 | <2.5 | <2.5 |
| MW9A | 03/29/07 | 14.51 | 7.95 | 6.56 | No | 173 | --- | 144 | <0.50 | <0.50 | <0.50 | 0.54 |
| MW9A | 06/12/07 | 14.51 | 6.49 | 8.02 | No | 69k | --- | 77 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9A | 08/23/07 | 14.51 | 6.48 | 8.03 | No | <50 | --- | 46 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9A | 11/27/07 | 14.51 | 6.61 | 7.90 | No | <50 | --- | 36 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9A | 02/01/08 | 14.51 | 5.56 | 8.95 | No | <50 | --- | 14 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9A | 05/19/08 | 14.51 | 6.59 | 7.92 | No | <50 | --- | 43 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9A | 08/01/08 | 14.51 | 6.57 | 7.94 | No | <50 | --- | 41 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9A | 10/07/08 | 14.51 | 6.32 | 8.19 | No | <50 | --- | 19 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9A | 01/30/09 | 14.51 | 5.96 | 8.55 | No | <50 | --- | 37 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9A | 04/01/09 | 14.51 | 5.95 | 8.56 | No | 68 | --- | 91 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9B | 06/13/88 | --- | --- | --- | --- | --- | --- | --- | 350 | 7.8 | 66 | 160 |
| MW9B | 10/24/88 | --- | --- | --- | --- | --- | --- | --- | 84 | <1.0 | 3.1 | 3.2 |
| MW9B | 10/13/89 | 98.41 l | --- | --- | --- | --- | --- | --- | 4.1 | <0.5 | <0.5 | <3.0 |
| MW9B | 10/19/90 | 98.41 l | --- | --- | --- | 62 | --- | --- | 27 | <0.5 | 2.3 | <0.5 |
| MW9B | 02/05/92 | 98.41 l | 5.95 | 92.46 | --- | 60 | --- | --- | 14 | <0.5 | 2.9 | 2.5 |

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

| Well ID | Sampling Date | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------|------------------|---|-----------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW9B | 05/05/92 | 98.41 l | 5.92 | 92.49 | --- | 620 | --- | --- | 180 | 2.4 | 8.4 | 2.2 |
| MW9B | 09/14/92 | 98.41 l | 6.60 | 91.81 | --- | 110 | --- | --- | 9.6 | <0.5 | <0.5 | <0.5 |
| MW9B | 11/16/92 | 98.41 l | 6.35 | 92.06 | --- | 200 | --- | --- | 33 | <0.5 | 4.2 | 1.4 |
| MW9B | 02/03/93 | 98.41 l | 6.50 | 91.91 | --- | 12,000 | --- | --- | 320 | 13 | 35 | 110 |
| MW9B | 05/18/93 | 98.41 l | 6.42 | 91.99 | --- | 180 | --- | --- | 1.1 | <0.5 | 2.6 | 5.9 |
| MW9B | 08/26/93 | 98.41 l | 6.28 | 92.13 | --- | 180 | --- | --- | 36 | <0.5 | 3 | 1.7 |
| MW9B | 11/04/93 | 98.41 l | 6.23 | 92.18 | --- | 98 | --- | --- | 13 | <0.5 | 1.4 | <0.5 |
| MW9B | 02/04/94 | 98.41 l | 5.92 | 92.49 | --- | 790 | --- | --- | 170 | 1.3 | 12 | 0.8 |
| MW9B | 05/31/94 | 98.41 l | 9.22 | 89.19 | --- | 1,000 | --- | --- | 150 | 2.5 | 8.0 | 2.1 |
| MW9B | 10/26/94 | 9.80 | 6.04 | 3.76 | --- | 84 | --- | --- | 2.8 | 0.72 | <0.5 | <0.5 |
| MW9B | 05/15/95 | 9.80 | 5.34 | 4.46 | --- | 2,800 | --- | --- | 420 | 25 | 27 | 6.7 |
| MW9B | 11/02/95 | 9.80 | 6.14 | 3.66 | No | 130 | <10 | --- | 3.3 | <0.5 | <0.5 | <0.5 |
| MW9B | 04/26/96 | 9.80 | 5.66 | 4.14 | No | 270 | 70 | --- | 130 | 2.8 | 6.7 | <3 |
| MW9B | 08/22/96 | 9.80 | 6.16 | 3.64 | No | 210 | 31 | --- | 5.7 | 6.8 | 1.1 | 9.2 |
| MW9B | 02/24/97 | 9.80 | 5.58 | 4.22 | No | 1,400 | 1,300 | --- | 76 | 1.4 | 4.1 | 1.2 |
| MW9B | 03/16/98 | 12.83 | 5.32 | 7.51 | No | 860 | 1,500 | --- | 140 | 2.0 | 1.1 | <2.0 |
| MW9B | 04/21/98 | 12.83 | 5.49 | 7.34 | No | 1,800 | 18,000 | --- | 300 | <5.0 | 7.9 | <5.0 |
| MW9B | 07/22/98 | 12.83 | 5.79 | 7.04 | No | <500 | 26,000 | --- | 13 | <5.0 | <5.0 | <5.0 |
| MW9B | 12/22/98 | 12.83 | 5.69 | 7.14 | No | 700 | 21,000 | --- | 110 | 3.1 | 9.1 | 14 |
| MW9B | 02/26/99 | 12.83 | 5.10 | 7.73 | No | 8,800 | 8,000 | --- | 2,000 | <25 | 52 | 38 |
| MW9B | 05/18/99 | 12.83 | 5.65 | 7.18 | No | <10,000 | 42,100 | --- | 158 | <100 | <100 | <100 |
| MW9B | 08/03/99 | 12.83 | 6.24 | 6.59 | No | 960 | 24,900 | --- | <5.0 | <5.0 | <5.0 | <5.0 |
| MW9B | 12/03/99 | 12.83 | 5.66 | 7.17 | No | <50 | 1,000 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9B | 02/29/00 | 12.83 | 4.61 | 8.22 | No | 3,100 | 25,000 | --- | 900 | 7 | 23 | 7.1 |
| MW9B | 05/18/00 | 12.83 | 5.54 | 7.29 | No | 780 | 34,000 | 26,000 | 150 | <2.5 | 4.5 | <2.5 |
| MW9B | 07/24/00 | 12.83 | 8.75 | 4.08 | No | <250 | 39,000 | --- | 8 | <2.5 | <2.5 | <2.5 |
| MW9B | 10/09/00 | 12.83 | 4.84 | 7.99 | No | <1,200 | 30,000 | --- | 1.7 | <0.5 | <0.5 | <0.5 |
| MW9B | 01/10/01 | 12.83 | 5.56 | 7.27 | No | <250 | 32,000 | --- | 5.3 | <0.5 | <0.5 | <0.5 |
| MW9B | 04/10/01 | 12.83 | 5.40 | 7.43 | No | 360 | 27,000 | --- | 69.0 | <2.5 | 22.0 | 29.8 |
| MW9B | 07/12/01 | 12.83 | --- | --- | No | <250 | 41,000 | --- | <2.5 | <2.5 | <2.5 | <2.5 |
| MW9B | 08/17/01 c | 12.83 | 5.83 | 7.00 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9B | 10/11/01 | 12.83 | 8.70 | 4.13 | No | <250 | 24,000 | --- | <2.5 | <2.5 | <2.5 | <2.5 |
| MW9B | 11/01/01 | 12.84 | Well surveyed in compliance with AB2886 requirements. | | | | | | | | | |
| MW9B | 01/11/02 | 12.84 | 5.16 | 7.68 | No | 9,170e | 14,600e | --- | 66.0e | <10.0 | 54.0 | <10.0 |
| MW9B | 04/12/02 | 12.84 | 5.57 | 7.27 | No | 29,600 | 28,600 | --- | 12.0 | <5.00 | <5.00 | <5.00 |
| MW9B | 07/12/02 | 12.84 | 5.81 | 7.03 | No | 20,200 | 27,700 | --- | <10.0 | 14.0 | <10.0 | 16.0 |
| MW9B | 10/11/02 f | 12.84 | 5.91 | 6.93 | No | 18,900 | 24,300 | 28,200 | 2.3 | <0.5 | <0.5 | <0.5 |
| MW9B | 01/10/03 | 12.84 | 5.09 | 7.75 | No | 14,900 | 18,600 | --- | 118 | 1.0 | 6.5 | 3.6 |

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

Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

| Well ID | Sampling Date | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|-------------|-----------------|------------------|-------------|-----------------|-------------|---------------|-------------------|-------------------|-----------------|-----------------|-----------------|-----------------|
| MW9B | 04/09/03 | 12.84 | 5.51 | 7.33 | No | 21,800 | 24,900 | --- | 51.0 | <5.0 | <5.0 | <5.0 |
| MW9B | 07/22/03 | 12.84 | 6.09 | 6.75 | No | 33,500 | 36,900 | --- | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9B | 10/01/03 | 12.84 | 6.16 | 6.68 | No | 25,500 | --- | 19,100 | 1.10 | <0.5 | <0.5 | <0.5 |
| MW9B | 01/06/04 | 12.84 | 5.14 | 7.70 | No | 10,400 | --- | 15,700 | 16.9 | 1.8 | 18.6 | 1.7 |
| MW9B | 06/07/04 | 12.84 | 9.47 | 3.37 | No | 3,910 | --- | 1,960 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9B | 08/30/04 | 12.84 | h | h | h | 954h | --- | 925h | <0.50h | <0.5h | <0.5 | <0.5h |
| MW9B | 12/13/04 | 12.84 | 4.96 | 7.88 | No | 233 | --- | 140 | 0.90 | <0.5 | <0.5 | <0.5 |
| MW9B | 03/14/05 | 12.84 | 5.52 | 7.32 | No | 523 | --- | 504 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9B | 06/08/05 | 12.84 | 6.70 | 6.14 | No | 114 | --- | 130 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9B | 09/01/05 | 12.84 | 5.92 | 6.92 | No | 90.5 | --- | 82.6 | 0.55 | <0.50 | <0.50 | <0.50 |
| MW9B | 12/09/05 | 12.84 | 8.46 | 4.38 | No | 207 | --- | 149 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9B | 12/30/05 | 12.84 | 4.59 | 8.25 | No | --- | --- | --- | --- | --- | --- | --- |
| MW9B | 03/07/06 | 12.84 | 6.41 | 6.43 | No | 98 | --- | 64 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9B | 06/26/06 | 12.84 | 5.71 | 7.13 | No | 130 | --- | 39 | 0.63 | <0.50 | 0.53 | 0.53 |
| MW9B | 09/25/06 | 12.84 | 6.35 | 6.49 | No | <50.0 | --- | 7.40 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9B | 12/15/06 | 12.84 | 6.77 | 6.07 | No | <50 | --- | 11 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9B | 03/29/07 | 12.84 | 6.40 | 6.44 | No | 197 | --- | 225 | <0.50 | <0.50 | <0.50 | 0.59 |
| MW9B | 06/12/07 | 12.84 | 6.05 | 6.79 | No | 53k | --- | 52 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9B | 08/23/07 | 12.84 | 7.17 | 5.67 | No | 140k | --- | 230 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9B | 11/27/07 | 12.84 | 6.63 | 6.21 | No | <50 | --- | 36 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9B | 02/01/08 | 12.84 | 5.31 | 7.53 | No | <50 | --- | 15 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9B | 05/19/08 | 12.84 | 6.65 | 6.19 | No | 51k | --- | 73 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9B | 08/01/08 | 12.84 | 6.15 | 6.69 | No | <50 | --- | 63 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9B | 10/07/08 | 12.84 | 5.76 | 7.08 | No | <50 | --- | 6.3 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9B | 01/30/09 | 12.84 | 5.62 | 7.22 | No | <50 | --- | 4.5 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9B | 04/01/09 | 12.84 | 5.36 | 7.48 | No | <50 | --- | 2.8 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9C | 06/13/88 | --- | --- | --- | --- | --- | --- | --- | <0.5 | <1.0 | <2.0 | <1.0 |
| MW9C | 10/24/88 | --- | --- | --- | --- | --- | --- | --- | <0.5 | <1.0 | <2.0 | <1.0 |
| MW9C | 10/13/89 | 99.73 l | --- | --- | --- | --- | --- | --- | <0.5 | <0.5 | <0.5 | <3.0 |
| MW9C | 10/19/90 | 99.73 l | --- | --- | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9C | 02/05/92 | 99.73 l | 6.44 | 93.29 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9C | 05/05/92 | 99.73 l | 6.50 | 93.23 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9C | 09/14/92 | 99.73 l | 7.00 | 92.73 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9C | 11/16/92 | 99.73 l | 6.72 | 93.01 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9C | 02/03/93 | 99.73 l | 5.75 | 93.98 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9C | 05/18/93 | 99.73 l | 6.72 | 93.01 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9C | 08/26/93 | 99.73 l | 6.84 | 92.89 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |

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

Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

| Well ID | Sampling Date | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------|------------------|---|-----------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW9C | 11/04/93 | 99.73 l | 6.90 | 92.83 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9C | 02/04/94 | 99.73 l | 6.28 | 93.45 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9C | 05/31/94 | 99.73 l | 6.42 | 93.31 | --- | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9C | 10/26/94 | 11.14 | 6.80 | 4.34 | --- | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9C | 05/15/95 | 11.14 | 5.72 | 5.42 | --- | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9C | 11/02/95 | 11.14 | 6.88 | 4.26 | --- | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9C | 04/26/96 | 11.14 | 6.28 | 4.86 | --- | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9C | 08/22/96 | 11.14 | 6.65 | 4.49 | --- | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9C | 03/16/98 | 11.14 | 5.51 | 5.63 | No | <500 | 150,000 | --- | 24 | <5.0 | <5.0 | <5.0 |
| MW9C | 04/21/98 | 11.14 | 5.83 | 5.31 | No | 150 | 130,000 | 150,000 | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9C | 07/22/98 | 14.19 | 6.43 | 7.76 | No | <500 | 95,000 | --- | <5.0 | <5.0 | <5.0 | <5.0 |
| MW9C | 12/22/98 | 14.19 | 6.16 | 8.03 | No | <500 | 84,000 | --- | <5.0 | <5.0 | <5.0 | <5.0 |
| MW9C | 02/26/99 | 14.19 | 5.46 | 8.73 | No | <250 | 55,000 | --- | <2.5 | <2.5 | <2.5 | <2.5 |
| MW9C | 05/18/99 | 14.19 | 6.27 | 7.92 | No | <25,000 | 68,900 | --- | <250 | <250 | <250 | <250 |
| MW9C | 08/03/99 | 14.19 | 7.13 | 7.06 | No | 210 | 69,200 | --- | <1.0 | 1.3 | <1.0 | <1.0 |
| MW9C | 12/03/99 | 14.19 | 6.17 | 8.02 | No | 290 | 50,000 | --- | <2.5 | <2.5 | <2.5 | <2.5 |
| MW9C | 02/29/00 | 14.19 | 4.49 | 9.70 | No | <250 | 40,000 | --- | <2.5 | <2.5 | <2.5 | <2.5 |
| MW9C | 05/18/00 | 14.19 | 5.96 | 8.23 | No | <250 | 46,000 | 33,000 | <2.5 | <2.5 | <2.5 | <2.5 |
| MW9C | 07/24/00 | 14.19 | 6.47 | 7.72 | No | <250 | 44,000 | --- | <2.5 | <2.5 | <2.5 | <2.5 |
| MW9C | 10/09/00 | 14.19 | 6.57 | 7.62 | No | <250 | 39,000 | --- | <2.5 | <2.5 | <2.5 | <2.5 |
| MW9C | 01/10/01 | 14.19 | 6.09 | 8.10 | No | <250 | 42,000 | --- | <2.5 | <2.5 | <2.5 | <2.5 |
| MW9C | 04/10/01 | 14.19 | 7.88 | 6.31 | No | <250 | 35,000 | --- | <2.5 | <2.5 | <2.5 | <2.5 |
| MW9C | 07/12/01 | 14.19 | --- | --- | No | <250 | 32,000 | --- | <2.5 | <2.5 | <2.5 | <2.5 |
| MW9C | 08/17/01 c | 14.19 | 6.60 | 7.59 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9C | 10/11/01 | 14.19 | 6.67 | 7.52 | No | <250 | 53,000 | --- | <2.5 | <2.5 | <2.5 | <2.5 |
| MW9C | 11/01/01 | 14.16 | Well surveyed in compliance with AB2886 requirements. | | | | | | | | | |
| MW9C | 01/11/02 | 14.16 | 5.29 | 8.87 | No | 2,470e | 90,000e | --- | 0.90e | <0.50 | <0.50 | <0.50 |
| MW9C | 04/12/02 | 14.16 | 6.14 | 8.02 | No | 70,400 | 66,800 | --- | <5.00 | <5.00 | <5.00 | <5.00 |
| MW9C | 07/12/02 | 14.16 | 6.54 | 7.62 | No | 50,900 | 58,300 | --- | <500 | <500 | <500 | <500 |
| MW9C | 10/11/02 | 14.16 | 6.73 | 7.43 | No | 52,100 | 58,800 | 76,000 | <10.0 | <10.0 | <10.0 | <10.0 |
| MW9C | 01/10/03 | 14.16 | 5.21 | 8.95 | No | 40,600 | 55,500 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9C | 04/09/03 | 14.16 | 6.08 | 8.08 | No | 24,700 | 29,600 | --- | <5.00 | <5.0 | <5.0 | <5.0 |
| MW9C | 07/22/03 | 14.16 | 6.47 | 7.69 | No | 13,800 | 13,100 | --- | 1.40 | <0.5 | <0.5 | <0.5 |
| MW9C | 10/01/03 | 14.16 | 6.62 | 7.54 | No | 9,100 | --- | 38,400 | 0.70 | <0.5 | <0.5 | <0.5 |
| MW9C | 01/06/04 | 14.16 | 4.86 | 9.30 | No | 4,160 | --- | 5,020 | 0.70 | <0.5 | <0.5 | <0.5 |
| MW9C | 06/07/04 | 14.16 | 7.35 | 6.81 | No | 4,480 | --- | 3,420 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9C | 08/30/04 | 14.16 | h | h | h | 1,950h | --- | 1,950h | <0.50h | <0.5h | <0.5h | <0.5h |
| MW9C | 12/13/04 | 14.16 | 5.03 | 9.13 | No | 610 | --- | 705 | <0.50 | <0.5 | <0.5 | <0.5 |

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

Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

| Well ID | Sampling Date | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|-------------|-----------------|------------------|-------------|-----------------|-------------|-------------|-------------------|-------------------|-----------------|-----------------|-----------------|-----------------|
| MW9C | 03/14/05 | 14.16 | 5.63 | 8.53 | No | 906 | --- | 1,110 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9C | 06/08/05 | 14.16 | 12.75 | 1.41 | No | 854 | --- | 1,100 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9C | 09/01/05 | 14.16 | 6.95 | 7.21 | No | 361 | --- | 409 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9C | 12/09/05 | 14.16 | 7.54 | 6.62 | No | 217 | --- | 171 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9C | 12/30/05 | 14.16 | 4.21 | 9.95 | No | --- | --- | --- | --- | --- | --- | --- |
| MW9C | 03/07/06 | 14.16 | 12.48 | 1.68 | No | 320 | --- | 480 | <2.0 | <2.0 | <2.0 | <2.0 |
| MW9C | 06/26/06 | 14.16 | 6.36 | 7.80 | No | 350 | --- | 300 | <2.0 | <2.0 | <2.0 | <2.0 |
| MW9C | 09/25/06 | 14.16 | 6.71 | 7.45 | No | 136 | --- | 234 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9C | 12/15/06 | 14.16 | 12.21 | 1.95 | No | 190k | --- | 260 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW9C | 03/29/07 | 14.16 | 12.30 | 1.86 | No | 483 | --- | 396 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9C | 06/12/07 | 14.16 | 6.97 | 7.19 | No | 200k | --- | 250 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW9C | 08/23/07 | 14.16 | 6.84 | 7.32 | No | 55k | --- | 51 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9C | 11/27/07 | 14.16 | 11.73 | 2.43 | No | 170k | --- | 230 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW9C | 02/01/08 | 14.16 | 11.22 | 2.94 | No | 77k | --- | 130 | <0.50 | <0.50 | <0.50 | 0.77 |
| MW9C | 05/19/08 | 14.16 | 10.70 | 3.46 | No | 75k | --- | 110 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9C | 08/01/08 | 14.16 | 7.24 | 6.92 | No | 61k | --- | 89 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9C | 10/07/08 | 14.16 | 6.67 | 7.49 | No | 120 | --- | 150 | <5.0 | <5.0 | <5.0 | <5.0 |
| MW9C | 01/30/09 | 14.16 | 6.08 | 8.08 | No | 80 | --- | 130 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9C | 04/01/09 | 14.16 | 5.98 | 8.18 | No | 91 | --- | 12 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9D | 10/24/88 | --- | --- | --- | --- | --- | --- | --- | <0.5 | <1.0 | <2.0 | <1.0 |
| MW9D | 10/13/89 | 101.46 l | --- | --- | --- | --- | --- | --- | <0.5 | <0.5 | <0.5 | <3.0 |
| MW9D | 10/19/90 | 101.46 l | --- | --- | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 02/05/92 | 101.46 l | 7.78 | 93.68 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 05/05/92 | 101.46 l | 7.90 | 93.56 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 09/14/92 | 101.46 l | 8.45 | 93.01 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 11/16/92 | 101.46 l | 8.10 | 93.36 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 02/03/93 | 101.46 l | 7.07 | 94.39 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 05/18/93 | 101.46 l | 7.85 | 93.61 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 08/26/93 | 101.46 l | 8.30 | 93.16 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 11/04/93 | 101.46 l | 8.33 | 93.13 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 02/04/94 | 101.46 l | 7.66 | 93.80 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 05/31/94 | 101.46 l | 6.80 | 94.66 | --- | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 10/26/94 | 12.90 | 8.34 | 4.56 | --- | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 05/15/95 | 12.90 | 7.22 | 5.68 | --- | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 11/02/95 | 12.90 | 8.31 | 4.59 | --- | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 04/26/96 | 12.90 | 7.58 | 5.32 | --- | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 08/22/96 | 12.90 | 8.12 | 4.78 | --- | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |

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

Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

| Well ID | Sampling Date | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------|------------------|---|-----------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW9D | 03/16/98 | 12.90 | 6.94 | 5.96 | No | <50 | 10 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 04/21/98 | 12.90 | 7.22 | 5.68 | No | <50 | 12 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 07/22/98 | 15.98 | 7.85 | 8.13 | No | <50 | 13 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 12/22/98 | 15.98 | 7.58 | 8.40 | No | <50 | 12 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 02/26/99 | 15.98 | 6.42 | 9.56 | No | <50 | 310 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 05/18/99 | 15.98 | 6.55 | 9.43 | No | <2,500 | 13,500 | --- | <25 | <25 | <25 | <25 |
| MW9D | 08/03/99 | 15.98 | 8.34 | 7.64 | No | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 12/03/99 | 15.98 | 7.56 | 8.42 | No | <50 | <2 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 02/29/00 | 15.98 | 4.82 | 11.16 | No | <50 | 2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 05/18/00 | 15.98 | 7.40 | 8.58 | No | <50 | 6.2 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 07/24/00 | 15.98 | 7.91 | 8.07 | No | <50 | 14 | --- | <0.5 | <0.5 | 0.85 | 0.74 |
| MW9D | 10/09/00 | 15.98 | 8.02 | 7.96 | No | <50 | 14 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 01/10/01 | 15.98 | 7.26 | 8.72 | No | <50 | 18 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 04/10/01 | 15.98 | 7.32 | 8.66 | No | <50 | 14 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 07/12/01 | 15.98 | -- | -- | No | <50 | 22 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 08/17/01 d | 15.98 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9D | 10/11/01 | 15.98 | 8.16 | 7.82 | No | <50 | 24 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 11/01/01 | 15.97 | Well surveyed in compliance with AB2886 requirements. | | | | | | | | | |
| MW9D | 01/11/02 | 15.97 | 6.64 | 9.33 | No | 352e | 2.0e | --- | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9D | 04/12/02 | 15.97 | 7.58 | 8.39 | No | 191 | 192 | --- | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9D | 07/12/02 | 15.97 | 8.01 | 7.96 | No | 108 | 124 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 10/11/02 | 15.97 | 8.13 | 7.84 | No | 187 | 243 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9D | 01/10/03 | 15.97 | 5.98 | 9.99 | No | 386 | 132 | --- | 4.1 | <0.5 | <0.5 | <0.5 |
| MW9D | 04/09/03 | 15.97 | 7.53 | 8.44 | No | 468 | 292 | --- | 3.80 | <0.5 | <0.5 | <0.5 |
| MW9D | 07/22/03 | 15.97 | 7.87 | 8.10 | No | 446 | 339 | --- | 0.70 | <0.5 | <0.5 | <0.5 |
| MW9D | 10/01/03 | 15.97 | 8.04 | 7.93 | No | 402 | --- | 362 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9D | 01/06/04 | 15.97 | 6.31 | 9.66 | No | 72.2 | --- | 80.9 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9D | 06/07/04 | 15.97 | 8.17 | 7.80 | No | 237 | --- | 353 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9D | 08/30/04 d | 15.97 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9D | 12/13/04 | 15.97 | 5.39 | 10.58 | No | 379 | --- | 353 | 4.80 | 0.7 | <0.5 | 0.9 |
| MW9D | 03/14/05 | 15.97 | 6.93 | 9.04 | No | <50.0 | --- | 13.8 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9D | 06/08/05 | 15.97 | 8.83 | 7.14 | No | <50.0 | --- | 57.2 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9D | 09/01/05 | 15.97 | 7.99 | 7.98 | No | 64.3 | --- | 51.8 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9D | 12/09/05 | 15.97 | 7.96 | 8.01 | No | 56.3 | --- | 33.0 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9D | 12/30/05 d | 15.97 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9D | 03/07/06 | 15.97 | 6.19 | 9.78 | No | <50 | --- | 9.3 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9D | 06/26/06 | 15.97 | 7.68 | 8.29 | No | <50 | --- | 9.7 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9D | 09/25/06 | 15.97 | 8.00 | 7.97 | No | <50.0 | --- | 13.8 | <0.50 | <0.50 | <0.50 | <0.50 |

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

Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

| Well ID | Sampling Date | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|-------------|-----------------|------------------|-------------|-----------------|-------------|---------------|-------------------|-------------------|-----------------|-----------------|-----------------|-----------------|
| MW9D | 12/15/06 | 15.97 | 6.91 | 9.06 | No | <50 | --- | 11 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9D | 03/29/07 | 15.97 | 8.53 | 7.44 | No | <50 | --- | 6.91 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9D | 06/12/07 | 15.97 | 8.21 | 7.76 | No | <50 | --- | 9.8 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9D | 08/23/07 | 15.97 | 8.27 | 7.70 | No | <50 | --- | 15 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9D | 11/27/07 | 15.97 | 8.67 | 7.30 | No | <50 | --- | 21 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9D | 02/01/08 | 15.97 | 6.24 | 9.73 | No | <50 | --- | 4.7 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9D | 05/19/08 | 15.97 | 8.64 | 7.33 | No | <0.50 | --- | 9.2 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9D | 08/01/08 | 15.97 | 8.45 | 7.52 | No | <50 | --- | 13 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9D | 10/07/08 | 15.97 | 8.00 | 7.97 | No | <50 | --- | 14 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9D | 01/30/09 | 15.97 | 7.42 | 8.55 | No | <50 | --- | 7.3 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9D | 04/01/09 | 15.97 | 7.34 | 8.63 | No | <50 | --- | 2.2 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9E | 10/24/88 | --- | --- | --- | --- | --- | --- | --- | 1.3 | <1.0 | <2.0 | <1.0 |
| MW9E | 10/13/89 | --- | --- | --- | --- | --- | --- | --- | 15 | <0.5 | 2.1 | <3.0 |
| MW9E | 10/19/90 | --- | --- | --- | --- | <50 | --- | --- | 4.0 | <0.5 | 0.9 | <0.5 |
| MW9E | Oct-90 | Well destroyed. | | | | | | | | | | |
| MW9F | 12/06/88 | --- | --- | --- | --- | --- | --- | --- | <0.5 | <1.0 | <2.0 | <1.0 |
| MW9F | 10/13/89 | --- | --- | --- | --- | --- | --- | --- | <0.5 | <0.5 | <0.5 | <3.0 |
| MW9F | 10/19/90 | --- | --- | --- | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 02/05/92 | 96.96 l | 5.81 | 91.15 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 05/05/92 | 96.96 l | 5.86 | 91.10 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 09/14/92 | 96.96 l | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9F | 11/16/92 | 96.96 l | 5.82 | 91.14 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 02/03/93 | 96.96 l | 5.55 | 91.41 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 05/18/93 | 96.96 l | 5.86 | 91.10 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9F | 05/19/93 | 96.96 l | --- | --- | --- | <50 | --- | --- | <0.5 | --- | 1.2 | 6.8 |
| MW9F | 08/26/93 | 96.96 l | 5.86 | 91.10 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 11/04/93 | 96.96 l | 5.96 | 91.00 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 02/04/94 | 96.96 l | 5.68 | 91.28 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 05/31/94 | 96.96 l | 5.76 | 91.20 | --- | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 10/26/94 | 8.37 | 5.96 | 2.41 | --- | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 05/15/95 | 8.37 | 5.52 | 2.85 | --- | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 11/02/95 | 8.37 | 6.60 | 1.77 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9F | 04/26/96 | 8.37 | 6.50 | 1.87 | No | <50 | 57 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 08/22/96 | 8.37 | 5.74 | 2.63 | No | <50 | 5.8 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 02/24/97 | 8.37 | --- | --- | No | <50 | <30 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 03/16/98 | 8.37 | --- | --- | No | --- | --- | --- | --- | --- | --- | --- |

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

Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

| Well ID | Sampling Date | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------|------------------|---|-----------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW9F | 04/21/98 | 8.37 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9F | 07/22/98 | 11.38 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9F | 12/22/98 | 11.38 | 5.47 | 5.91 | No | <50 | 81 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 02/26/99 | 11.38 | 5.35 | 6.03 | No | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 05/18/99 | 11.38 | 5.62 | 5.76 | No | <50 | 61.6 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 08/03/99 | 11.38 | 6.32 | 5.06 | No | <50 | 3.10 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 12/03/99 | 11.38 | 5.59 | 5.79 | No | <50 | <2 | --- | <0.5 | <0.5 | 0.71 | <0.5 |
| MW9F | 02/29/00 | 11.38 | 4.70 | 6.68 | No | <50 | 52 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 05/18/00 | 11.38 | 5.37 | 6.01 | No | <50 | 65 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 07/24/00 | 11.38 | 5.65 | 5.73 | No | <50 | 170 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 10/09/00 | 11.38 | 5.71 | 5.67 | No | <50 | 170 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 01/10/01 | 11.38 | 4.30 | 7.08 | No | <50 | 140 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 04/10/01 | 11.38 | 5.20 | 6.18 | No | <50 | 50 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 07/12/01 | 11.38 | -- | -- | No | <50 | 190 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 08/17/01 d | 11.38 | -- | -- | -- | -- | -- | --- | -- | -- | -- | -- |
| MW9F | 10/11/01 | 11.38 | 5.82 | 5.56 | No | <50 | 260 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 11/01/01 | 11.38 | Well surveyed in compliance with AB2886 requirements. | | | | | | | | | |
| MW9F | 01/11/02 | 11.38 | 5.12 | 6.26 | No | <100 | 67.0e | --- | <1.00 | <1.00 | <1.00 | <1.00 |
| MW9F | 04/12/02 | 11.38 | 5.50 | 5.88 | No | 55.9 | 58.6 | --- | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9F | 07/12/02 | 11.38 | 5.65 | 5.73 | No | 102 | 121 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 10/11/02 | 11.38 | 5.67 | 5.71 | No | 99.9 | 128 | 138 | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 01/10/03 | 11.38 | 5.09 | 6.29 | No | <50.0 | 45.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9F | 04/09/03 | 11.38 | 5.39 | 5.99 | No | <50.0 | 50.8 | --- | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9F | 07/22/03 | 11.38 | 5.52 | 5.86 | No | 82.3 | 64.0 | --- | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9F | 10/01/03 | 11.38 | 5.59 | 5.79 | No | 67.0 | -- | 56.4 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9F | 01/06/04 | 11.38 | 5.21 | 6.17 | No | <50.0 | -- | 36.7 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9F | 06/07/04 | 11.38 | 6.03 | 5.35 | No | <50.0 | -- | 20.5 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9F | 08/30/04 | 11.38 | h | h | h | <50.0h | -- | 14.0h | <0.50h | <0.5h | <0.5h | <0.5h |
| MW9F | 12/13/04 | 11.38 | 4.80 | 6.58 | No | <50.0 | -- | 13.4 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9F | 03/14/05 | 11.38 | 5.10 | 6.28 | No | <50.0 | -- | 4.20 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9F | 06/08/05 | 11.38 | 5.38 | 6.00 | No | <50.0 | -- | 8.70 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9F | 09/01/05 | 11.38 | 5.53 | 5.85 | No | <50.0 | --- | 19.6 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9F | 12/09/05 j | 11.38 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9F | 12/30/05 | 11.38 | 4.81 | 6.57 | No | <50.0 | --- | 7.01 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9F | 03/07/06 j | 11.38 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9F | 06/26/06 j | 11.38 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9F | 09/25/06 | 11.38 | 5.56 | 5.82 | No | <50.0 | --- | 6.52 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9F | 12/15/06 | 11.38 | 5.10 | 6.28 | No | <50 | --- | 7.2 | <0.50 | <0.50 | <0.50 | <0.50 |

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

Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

| Well ID | Sampling Date | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------------|------------------|------------|-----------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW9F | 03/29/07- Present j | | | | | | | | | | | |
| MW9G | 12/06/88 | --- | --- | --- | --- | --- | --- | --- | 0.8 | <1.0 | <2.0 | <1.0 |
| MW9G | 10/13/89 | --- | --- | --- | --- | --- | --- | --- | <0.5 | <0.5 | <0.5 | <3.0 |
| MW9G | 10/19/90 | --- | --- | --- | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9G | 02/05/92 | 98.51 l | 5.59 | 92.92 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9G | 05/05/92 | 98.51 l | 5.60 | 92.91 | --- | <50 | --- | --- | 1.5 | 3.8 | 1 | 4.7 |
| MW9G | 09/14/92 | 98.51 l | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9G | 11/16/92 | 98.51 l | 5.78 | 92.73 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9G | 02/03/93 | 98.51 l | 5.05 | 93.46 | --- | 64 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9G | 05/18/93 | 98.51 l | 5.62 | 92.89 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9G | 08/26/93 | 98.51 l | 5.86 | 92.65 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9G | 11/04/93 | 98.51 l | 5.96 | 92.55 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9G | 02/04/94 | 98.51 l | 5.48 | 93.03 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9G | 05/31/94 | 98.51 l | 5.50 | 93.01 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9G | 10/26/94 | 9.95 | 5.76 | 4.19 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9G | 05/15/95 | 9.95 | 4.88 | 5.07 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9G | 11/02/95 | 9.95 | 5.92 | 4.03 | No | <50 | <10 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9G | 04/26/96 | 9.95 | 5.28 | 4.67 | No | <50 | 18 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9G | 08/22/96 | 9.95 | 5.57 | 4.38 | No | <50 | 18 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9G | 02/24/97 | 9.95 | 5.30 | 4.65 | No | <50 | 240 | --- | <0.5 | 0.57 | <0.5 | 0.62 |
| MW9G | 03/16/98 | 9.95 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9G | 04/21/98 | 9.95 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9G | 07/22/98 | 12.99 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9G | 12/22/98 | 12.99 | 5.28 | 7.71 | No | <50 | 1,100 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9G | 02/26/99 | 12.99 | 5.31 | 7.68 | No | <50 | 50 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9G | 05/18/99 | 12.99 | 5.18 | 7.81 | No | <1,000 | 3,990 | --- | <10 | <10 | <10 | <10 |
| MW9G | 08/03/99 | 12.99 | 6.00 | 6.99 | No | <50 | 1,340 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9G | 12/03/99 | 12.99 | 5.27 | 7.72 | No | <50 | <2 | --- | <0.5 | <0.5 | <0.5 | 0.55 b |
| MW9G | 02/29/00 | 12.99 | 4.60 | 8.39 | No | <50 | 7,900 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9G | 05/18/00 | 12.99 | 5.16 | 7.83 | No | <50 | 2,400 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9G | 07/24/00 | 12.99 | 5.20 | 7.79 | No | <50 | 1,000 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9G | 10/09/00 | 12.99 | 5.26 | 7.73 | No | <50 | 180 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9G | 01/10/01 | 12.99 | 5.18 | 7.81 | No | <50 | 1,200 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9G | 04/10/01 | 12.99 | 5.08 | 7.91 | No | <50 | 9,100 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9G | 07/12/01 | 12.99 | --- | --- | No | <50 | 3,000 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9G | 08/17/01 d | 12.99 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9G | 10/11/01 | 12.99 | 5.48 | 7.51 | No | <50 | 1,600 | --- | <0.5 | <0.5 | <0.5 | <0.5 |

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

Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

| Well ID | Sampling Date | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------------|------------------|---|-----------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW9G | 11/01/01 | 12.98 | Well surveyed in compliance with AB2886 requirements. | | | | | | | | | |
| MW9G | 01/11/02 | 12.98 | 4.97 | 8.01 | No | 419e | 945e | --- | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9G | 04/12/02 | 12.98 | 5.12 | 7.86 | No | 10,700 | 11,000 | --- | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9G | 07/12/02 | 12.98 | 5.31 | 7.67 | No | 2,310 | 3,140 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9G | 10/11/02 | 12.98 | 5.39 | 7.59 | No | 1,630 | 2,040 | 2,090 | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9G | 01/10/03 | 12.98 | 4.90 | 8.08 | No | 367 | 566 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9G | 04/09/03 | 12.98 | 5.15 | 7.83 | No | 3,730 | 3,990 | --- | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9G | 07/22/03 | 12.98 | 5.30 | 7.68 | No | 1,070 | 968 | --- | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9G | 10/01/03 | 12.98 | 5.41 | 7.57 | No | 1,300 | --- | 1,570 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9G | 01/06/04 | 12.98 | 4.92 | 8.06 | No | 568 | --- | 918 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9G | 06/07/04 | 12.98 | 5.49 | 7.49 | No | 457 | --- | 324 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9G | 08/30/04 | 12.98 | h | h | h | 428h | --- | 369h | <0.50h | <0.5h | <0.5h | <0.5h |
| MW9G | 12/13/04 | 12.98 | 5.01 | 7.97 | No | 1,030 | --- | 1,030 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9G | 03/14/05 | 12.98 | 4.98 | 8.00 | No | 395 | --- | 451 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9G | 06/08/05 | 12.98 | 5.54 | 7.44 | No | 333 | --- | 404 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9G | 09/01/05 | 12.98 | 6.35 | 6.63 | No | 218 | --- | 308 | <0.50 | <0.50 | <0.50 | 0.63 |
| MW9G | 12/09/05 j | 12.98 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9G | 12/30/05 | 12.98 | 4.83 | 8.15 | No | 75.3 | --- | 69.9 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9G | 03/07/06 j | 12.98 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9G | 06/26/06 j | 12.98 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9G | 09/25/06 | 12.98 | 8.41 | 4.57 | No | 94.5 | --- | 180 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9G | 12/15/06 | 12.98 | 5.30 | 7.68 | No | 50k | --- | 52 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9G | 03/29/07- Present j | | | | | | | | | | | |
| MW9H | 12/06/88 | --- | --- | --- | --- | --- | --- | --- | <0.5 | <1.0 | <2.0 | <1.0 |
| MW9H | 10/13/89 | --- | --- | --- | --- | --- | --- | --- | <0.5 | <0.5 | <0.5 | <3.0 |
| MW9H | 10/19/90 | --- | --- | --- | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9H | 02/05/92 | 97.14 l | 7.70 | 89.44 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9H | 05/05/92 | 97.14 l | 8.12 | 89.02 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9H | 09/14/92 | 97.14 l | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9H | 11/16/92 | 97.14 l | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9H | 02/03/93 | 97.14 l | 7.72 | 89.42 | --- | 280 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9H | 05/18/93 | 97.14 l | 8.12 | 89.02 | --- | <50 | --- | --- | <0.5 | <0.5 | 1.1 | 6.4 |
| MW9H | 08/26/93 | 97.14 l | 8.14 | 89.00 | --- | <50 | --- | --- | 0.8 | <0.5 | <0.5 | <0.5 |
| MW9H | 11/04/93 | 97.14 l | 8.15 | 88.99 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9H | 02/04/94 | 97.14 l | 7.98 | 89.16 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9H | 05/31/94 | 97.14 l | 8.80 | 88.34 | --- | <50 | --- | --- | 0.92 | 1.1 | <0.5 | 0.86 |
| MW9H | 10/26/94 | 8.58 | 8.12 | 0.46 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |

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

Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

| Well ID | Sampling Date | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------|------------------|---|-----------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW9H | 05/15/95 | 8.58 | 7.88 | 0.70 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9H | 11/02/95 | 8.58 | 8.40 | 0.18 | No | <50 | <10 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9H | 04/26/96 | 8.58 | 8.05 | 0.53 | No | --- | --- | --- | --- | --- | --- | --- |
| MW9H | 08/22/96 | 8.58 | 8.17 | 0.41 | No | --- | --- | --- | --- | --- | --- | --- |
| MW9H | 02/24/97 | 8.58 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9H | 03/16/98 | 8.58 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9H | 04/21/98 | 8.58 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9H | 07/22/98 | 11.61 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9H | 12/22/98 | 11.61 | 7.81 | 3.80 | No | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9H | 02/26/99 | 11.61 | 7.61 | 4.00 | No | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9H | 05/18/99 | 11.61 | 8.00 | 3.61 | No | <50 | 3.98 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9H | 08/03/99 | 11.61 | 6.05 | 5.56 | No | <50 | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9H | 12/03/99 | 11.61 | 5.32 | 6.29 | No | <50 | <2 | --- | <0.5 | <0.5 | <0.5 | 0.57 b |
| MW9H | 02/29/00 | 11.61 | 7.10 | 4.51 | No | <50 | <2 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9H | 05/18/00 | 11.61 | 7.84 | 3.77 | No | <50 | 9.7 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9H | 07/24/00 | 11.61 | 7.94 | 3.67 | No | <50 | 17 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9H | 10/09/00 | 11.61 | 8.09 | 3.52 | No | <50 | 13 | --- | <0.5 | <0.5 | <0.5 | 1.1 |
| MW9H | 01/10/01 | 11.61 | 7.89 | 3.72 | No | <50 | 11 | --- | <0.5 | <0.5 | <0.5 | 0.5 |
| MW9H | 04/10/01 | 11.61 | 8.71 | 2.90 | No | <50 | 44 | --- | <0.5 | 0.78 | 0.52 | 2.36 |
| MW9H | 07/12/01 | 11.61 | -- | -- | No | <50 | 28 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9H | 08/17/01 d | 11.61 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9H | 10/11/01 | 11.61 | 8.15 | 3.46 | No | <50 | 30 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9H | 11/01/01 | 11.59 | Well surveyed in compliance with AB2886 requirements. | | | | | | | | | |
| MW9H | 01/11/02 | 11.59 | 7.48 | 4.11 | No | <50.0 | 20.5e | --- | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9H | 04/12/02 | 11.59 | 7.68 | 3.91 | No | <50.0 | 32.8 | --- | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9H | 07/12/02 | 11.59 | 8.06 | 3.53 | No | <50.0 | 34.6 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9H | 10/11/02 | 11.59 | 7.83 | 3.76 | No | <50.0 | 33.1 | 28.7 | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9H | 01/10/03 | 11.59 | 7.39 | 4.20 | No | <50.0 | 16.0 | --- | 0.5 | 0.8 | 0.6 | 1.8 |
| MW9H | 04/09/03 | 11.59 | 7.69 | 3.90 | No | <50.0 | 26.8 | --- | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9H | 07/22/03 | 11.59 | 7.94 | 3.65 | No | 55.3 | 34.7 | --- | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9H | 10/01/03 | 11.59 | 7.93 | 3.66 | No | <50.0 | --- | 32.3 | <0.50 | <0.5 | <0.5 | 0.9 |
| MW9H | 01/06/04 | 11.59 | 7.27 | 4.32 | No | <50.0 | --- | 10 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9H | 06/07/04 | 11.59 | 7.99 | 3.60 | No | 50.6 | --- | 71.7 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9H | 08/30/04 | 11.59 | h | h | h | 64.2h | --- | 51.0h | <0.50h | <0.5h | <0.50h | <0.5h |
| MW9H | 12/13/04 | 11.59 | 7.22 | 4.37 | No | <50.0 | --- | 14.0 | <0.50 | <0.5 | 0.5 | 1.2 |
| MW9H | 03/14/05 | 11.59 | 6.96 | 4.63 | No | <50.0 | --- | 27.4 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9H | 06/08/05 | 11.59 | 7.53 | 4.06 | No | 52.6 | --- | 68.8 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9H | 09/01/05 | 11.59 | 7.82 | 3.77 | No | 140 | --- | 71.6 | <0.50 | <0.50 | <0.50 | <0.50 |

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

Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

| Well ID | Sampling Date | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------------|------------------|------------|-----------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW9H | 12/09/05 j | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9H | 12/30/05 | 11.59 | 7.27 | 4.32 | No | <50.0 | --- | 13.7 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9H | 03/07/06 j | 11.59 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9H | 06/26/06 j | 11.59 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9H | 09/25/06 | 11.59 | 7.96 | 3.63 | No | 59.5 | --- | 71.0 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9H | 12/15/06 | 11.59 | 7.42 | 4.17 | No | 57 | --- | 21 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9H | 03/29/07- Present j | | | | | | | | | | | |
| MW9I | 11/15/90 | --- | --- | --- | --- | 55 | --- | --- | 4.0 | 1.1 | 1.2 | 2.2 |
| MW9I | 02/05/92 | 98.66 l | 5.56 | 93.10 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9I | 05/05/92 | 98.66 l | 5.60 | 93.06 | --- | <50 | --- | --- | 0.9 | <0.5 | <0.5 | 0.7 |
| MW9I | 09/14/92 | 98.66 l | 6.12 | 92.54 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9I | 11/16/92 | 98.66 l | 5.82 | 92.84 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9I | 02/03/93 | 98.66 l | 4.92 | 93.74 | --- | 240 | --- | --- | 46 | 1.1 | 2.3 | 2.1 |
| MW9I | 05/18/93 | 98.66 l | 5.60 | 93.06 | --- | 79 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9I | 08/26/93 | 98.66 l | 5.91 | 92.75 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9I | 11/04/93 | 98.66 l | 6.03 | 92.63 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9I | 02/04/94 | 98.66 l | 5.37 | 93.29 | --- | <50 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9I | 05/31/94 | 98.66 l | 5.46 | 93.20 | --- | 240 | --- | --- | 0.66 | 0.63 | <0.5 | 1.4 |
| MW9I | 10/26/94 | 10.11 | 5.88 | 4.23 | --- | 150 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9I | 05/15/95 | 10.11 | 4.94 | 5.17 | --- | 56 | --- | --- | <0.5 | 0.82 | <0.5 | <0.5 |
| MW9I | 11/02/95 | 10.11 | 6.04 | 4.07 | No | <50 | <10 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9I | 04/26/96 | 10.11 | 5.27 | 4.84 | No | <50 | 99 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9I | 08/22/96 | 10.11 | 5.66 | 4.45 | No | <50 | 170 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9I | 02/24/97 | 10.11 | 5.24 | 4.87 | No | 120 | 9,100 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9I | 03/16/98 | 10.11 | 4.91 | 5.20 | No | <200 | 59,000 | --- | 13 | <2.0 | <2.0 | <2.0 |
| MW9I | 04/21/98 | 10.11 | 5.08 | 5.03 | No | <500 | 59,000 | --- | <5.0 | <5.0 | <5.0 | <5.0 |
| MW9I | 07/22/98 | 13.14 | 5.44 | 7.70 | No | <500 | 62,000 | --- | <5.0 | <5.0 | <5.0 | <5.0 |
| MW9I | 12/22/98 | 13.14 | 5.32 | 7.82 | No | 200 | 51,000 | --- | 1.7 | <0.5 | <0.5 | <0.5 |
| MW9I | 02/26/99 | 13.14 | 4.71 | 8.43 | No | <500 | 9,700 | --- | <5.0 | <5.0 | <5.0 | <5.0 |
| MW9I | 05/18/99 | 13.14 | 5.30 | 7.84 | No | <1,000 | 3,730 | --- | <10 | <10 | <10 | <10 |
| MW9I | 08/03/99 | 13.14 | 5.98 | 7.16 | No | <50 | 21,900 | --- | <0.5 | 0.650 | <0.5 | <0.5 |
| MW9I | 12/03/99 | 13.14 | 5.31 | 7.83 | No | <250 | 2,000 | --- | 3.9 | 2.9 | <2.5 | 14 |
| MW9I | 02/29/00 | 13.14 | 4.20 | 8.94 | No | 50 | 16,000 | --- | 0.74 | <0.5 | <0.5 | <0.5 |
| MW9I | 05/18/00 | 13.14 | 5.12 | 8.02 | No | <50 | 2,900 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9I | 07/24/00 | 13.14 | 5.41 | 7.73 | No | <250 | 43,000 | --- | <2.5 | <2.5 | <2.5 | <2.5 |
| MW9I | 10/09/00 | 13.14 | 5.41 | 7.73 | No | <2,500 | 54,000 | --- | 1.6 | <0.5 | <0.5 | <0.5 |
| MW9I | 01/10/01 | 13.14 | 5.24 | 7.90 | No | <250 | 36,000 | --- | <2.5 | <2.5 | <2.5 | <2.5 |

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

Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

| Well ID | Sampling Date | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|-------------|-----------------|------------------|---|-----------------|-------------|---------------|-------------------|-------------------|-----------------|-----------------|-----------------|-----------------|
| MW9I | 04/10/01 | 13.14 | 4.84 | 8.30 | No | <50 | 4,800 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9I | 07/12/01 | 13.14 | --- | --- | No | <50 | 8,400 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9I | 08/17/01 | 13.14 | 6.49 | 6.65 | --- | --- | --- | --- | --- | --- | --- | --- |
| MW9I | 10/11/01 | 13.14 | 5.64 | 7.50 | No | <250 | 38,000 | --- | <2.5 | <2.5 | <2.5 | <2.5 |
| MW9I | 11/01/01 | 13.13 | Well surveyed in compliance with AB2886 requirements. | | | | | | | | | |
| MW9I | 01/11/02 | 13.13 | 4.80 | 8.33 | No | 1,330e | 5,400e | --- | 4.80e | <0.50 | <0.50 | <0.50 |
| MW9I | 04/12/02 | 13.13 | 5.22 | 7.91 | No | 1,460 | 1,480 | --- | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9I | 07/12/02 | 13.13 | 5.50 | 7.63 | No | 4,460 | 6,490 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW9I | 10/11/02 | 13.13 | 5.35 | 7.78 | No | 31,300 | 37,700 | 51,000 | <5.0 | <5.0 | <5.0 | <5.0 |
| MW9I | 01/10/03 | 13.13 | 4.75 | 8.38 | No | 4,820 | 6,180 | --- | 9.4 | 0.7 | 1.1 | 1.3 |
| MW9I | 04/09/03 | 13.13 | 5.15 | 7.98 | No | 2,130 | 1,510 | --- | 22.3 | 1.9 | 1.5 | 1.5 |
| MW9I | 07/22/03 | 13.13 | 5.50 | 7.63 | No | 2,330 | 2,540 | --- | 1.60 | <0.5 | <0.5 | <0.5 |
| MW9I | 10/01/03 | 13.13 | 5.65 | 7.48 | No | 6,080 | --- | 4,610 | 1.00 | <0.5 | <0.5 | <0.5 |
| MW9I | 01/06/04 | 13.13 | 4.50 | 8.63 | No | 175 | --- | 61.3 | 0.90 | <0.5 | 0.5 | <0.5 |
| MW9I | 06/07/04 | 13.13 | 6.87 | 6.26 | No | 4,620 | --- | 3,410 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9I | 08/30/04 | 13.13 | h | h | h | 817h | --- | 847h | <0.50h | <0.5h | <0.5h | <0.5h |
| MW9I | 12/13/04 | 13.13 | 4.47 | 8.66 | No | <50.0 | --- | 14.4 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9I | 03/14/05 | 13.13 | 5.05 | 8.08 | No | 96.7 | --- | 44.9 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW9I | 06/08/05 | 13.13 | 6.47 | 6.66 | No | 1,230 | --- | 321 | <0.50 | <0.5 | <0.5 | 0.8 |
| MW9I | 09/01/05 | 13.13 | 5.60 | 7.53 | No | 170 | --- | 62.3 | 1.22 | 0.77 | <0.50 | <0.50 |
| MW9I | 12/09/05 | 13.13 | 6.82 | 6.31 | No | 78.3 | --- | 81.0 | <0.50 | 0.58 | <0.50 | <0.50 |
| MW9I | 12/30/05 | 13.13 | 4.23 | 8.90 | No | --- | --- | --- | --- | --- | --- | --- |
| MW9I | 03/07/06 | 13.13 | 5.08 | 8.05 | No | <50 | --- | 0.96 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9I | 06/26/06 | 13.13 | 5.30 | 7.83 | No | <50 | --- | 3.7 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9I | 09/25/06 | 13.13 | 6.17 | 6.96 | No | 50.9 | --- | 24.0 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9I | 12/15/06 | 13.13 | 5.45 | 7.68 | No | <50 | --- | 0.59 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9I | 03/29/07 | 13.13 | 6.35 | 6.78 | No | <50 | --- | 1.15 | <0.50 | <0.50 | <0.50 | 0.62 |
| MW9I | 06/12/07 | 13.13 | 5.87 | 7.26 | No | <50 | --- | 0.53 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9I | 08/23/07 | 13.13 | 6.14 | 6.99 | No | <50 | --- | 0.86 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9I | 11/27/07 | 13.13 | 6.48 | 6.65 | No | <50 | --- | 0.69 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9I | 02/01/08 | 13.13 | 4.28 | 8.85 | No | <50 | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9I | 05/19/08 | 13.13 | 6.29 | 6.84 | No | <50 | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9I | 08/01/08 | 13.13 | 6.01 | 7.12 | No | <50 | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9I | 10/07/08 | 13.13 | 5.59 | 7.54 | No | <50 | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9I | 01/30/09 | 13.13 | 5.05 | 8.08 | No | <50 | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW9I | 04/01/09 | 13.13 | 4.99 | 8.14 | No | <50 | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |

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

Former Exxon Service Station 70238
2200 East 12th 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. |
| NAPL | = Non-aqueous phase liquids. |
| TPHg | = Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015B. |
| 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. |
| 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. |
| < | = Less than the indicated reporting limit shown by the laboratory. |
| --- | = Not measured/Not sampled/Not analyzed. |
| a | = Miscalculation in field. Field technician may have inadvertently monitored and sampled the wrong well. Resampled 05/27/99. |
| b | = Analyte detected in the trip blank and/or bailer blank. |
| c | = Due to measurement error during initial sampling event, DTW was re-measured on 08/17/01. Samples were not taken. |
| d | = Well inaccessible. |
| e | = Samples collected after fourth quarter 2001 analyzed by TestAmerica, Incorporated. Reported concentrations may be affected by differing laboratory quantitation methods. |
| f | = Sample erroneously labeled MA9B on Chain-of-Custody form and laboratory report. |
| g | = Insufficient sample volume to perform analyses. |
| h | = Groundwater elevation data invalidated; analytical results suspect. |
| i | = Well sampled using no-purge method. |
| j | = Well not gauged and/or sampled due to encroachment permit restrictions. |
| k | = Hydrocarbon result partly due to individual peak(s) in quantitation range. |
| l | = Elevation relative to temporary benchmark with an arbitrary elevation of 100.0 feet. |

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

Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

| Well ID | Sampling Date | EDB (µg/L) | 1,2-DCA (µg/L) | TAME (µg/L) | TBA (µg/L) | ETBE (µg/L) | DIPE (µg/L) | Ethanol (µg/L) |
|-------------|---------------------|----------------------------------|-----------------|-----------------|----------------|-----------------|-----------------|----------------|
| MW9A | 06/13/88 - 07/12/02 | Not analyzed for these analytes. | | | | | | |
| MW9A | 10/11/02 | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | --- |
| MW9A | 01/10/03 | --- | --- | --- | --- | --- | --- | --- |
| MW9A | 04/09/03 | --- | --- | --- | --- | --- | --- | --- |
| MW9A | 07/22/03 | --- | --- | --- | --- | --- | --- | --- |
| MW9A | 10/01/03 | <0.50 | <0.50 | 2.80 | 1,100 | <0.50 | <0.50 | --- |
| MW9A | 01/06/04 | <0.50 | <0.50 | 4.90 | 11,900 | <0.50 | <0.50 | --- |
| MW9A | 06/07/04 | --- | --- | --- | --- | --- | --- | <2,500 |
| MW9A | 08/30/04 d | --- | --- | --- | --- | --- | --- | --- |
| MW9A | 12/13/04 | --- | --- | --- | --- | --- | --- | --- |
| MW9A | 03/14/05 | <0.50 | <0.50 | 1.00 | 14,400 | <0.50 | <0.50 | <50.0 |
| MW9A | 06/08/05 | <0.50 | <0.50 | <0.50 | 22,400 | <0.50 | <0.50 | <100 |
| MW9A | 09/01/05 | --- | --- | --- | --- | --- | --- | --- |
| MW9A | 12/09/05 | --- | --- | --- | --- | --- | --- | --- |
| MW9A | 12/30/05 | --- | --- | --- | --- | --- | --- | --- |
| MW9A | 03/07/06 | <5.0 | <5.0 | <5.0 | 5,600 | <5.0 | <5.0 | <1,000 |
| MW9A | 06/26/06 | --- | --- | --- | --- | --- | --- | <1,000 |
| MW9A | 09/25/06 | <0.500 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <50.0 |
| MW9A | 12/15/06 | <5.0 | <5.0 | <5.0 | 1,200 | <5.0 | <5.0 | <1,000 |
| MW9A | 03/29/07 | <0.500 | <0.500 | <0.500 | 297 | <0.500 | <0.500 | <50.0 |
| MW9A | 06/12/07 | <0.50 | <0.50 | <0.50 | 160 | <0.50 | <0.50 | <100 |
| MW9A | 08/23/07 | <0.50 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <100 |
| MW9A | 11/27/07 | <0.50 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <100 |
| MW9A | 02/01/08 | <0.50 | <0.50 | <0.50 | 5.0 | <0.50 | <0.50 | <100 |
| MW9A | 05/19/08 | <0.50 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <100 |
| MW9A | 08/01/08 | <0.50 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <100 |
| MW9A | 10/07/08 | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <50 |
| MW9A | 01/30/09 | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <50 |
| MW9A | 04/01/09 | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | 63 |
| MW9B | 06/13/88 - 07/12/02 | Not analyzed for these analytes. | | | | | | |
| MW9B | 10/11/02 f | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | --- |
| MW9B | 01/10/03 | --- | --- | --- | --- | --- | --- | --- |
| MW9B | 04/09/03 | --- | --- | --- | --- | --- | --- | --- |
| MW9B | 07/22/03 | --- | --- | --- | --- | --- | --- | --- |

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

Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

| Well ID | Sampling Date | EDB (µg/L) | 1,2-DCA (µg/L) | TAME (µg/L) | TBA (µg/L) | ETBE (µg/L) | DIPE (µg/L) | Ethanol (µg/L) |
|-------------|---------------------|----------------------------------|-----------------|-----------------|------------|-----------------|-----------------|----------------|
| MW9B | 10/01/03 | <0.50 | <0.50 | 9.70 | 2,430 | <0.50 | <0.50 | --- |
| MW9B | 01/06/04 | <0.50 | <0.50 | 9.00 | 11,500 | 0.80 | <0.50 | --- |
| MW9B | 06/07/04 | --- | --- | --- | --- | --- | --- | <50.0 |
| MW9B | 08/30/04 | --- | --- | --- | --- | --- | --- | <50.0j |
| MW9B | 12/13/04 | --- | --- | --- | --- | --- | --- | --- |
| MW9B | 03/14/05 | <0.50 | <0.50 | <0.50 | 4,800 | <0.50 | <0.50 | <50.0 |
| MW9B | 06/08/05 | <0.50 | <0.50 | <0.50 | 2,320 | <0.50 | <0.50 | <100 |
| MW9B | 09/01/05 | --- | --- | --- | --- | --- | --- | --- |
| MW9B | 12/09/05 | --- | --- | --- | --- | --- | --- | --- |
| MW9B | 12/30/05 | --- | --- | --- | --- | --- | --- | --- |
| MW9B | 03/07/06 | <0.50 | <0.50 | <0.50 | 1,200 | <0.50 | <0.50 | --- |
| MW9B | 06/26/06 | --- | --- | --- | --- | --- | --- | --- |
| MW9B | 09/25/06 | <0.500 | <0.500 | <0.500 | 70.1 | <0.500 | <0.500 | --- |
| MW9B | 12/15/06 | <0.50 | <0.50 | <0.50 | 56 | <0.50 | <0.50 | --- |
| MW9B | 03/29/07 | <0.500 | <0.500 | <0.500 | 734 | <0.500 | <0.500 | --- |
| MW9B | 06/12/07 | <0.50 | <0.50 | <0.50 | 270 | <0.50 | <0.50 | --- |
| MW9B | 08/23/07 | <5.0 | <5.0 | <5.0 | 520 | <5.0 | <5.0 | --- |
| MW9B | 11/27/07 | <0.50 | <0.50 | <0.50 | 51 | <0.50 | <0.50 | --- |
| MW9B | 02/01/08 | <0.50 | <0.50 | <0.50 | 29 | <0.50 | <0.50 | <100 |
| MW9B | 05/19/08 | <0.50 | <0.50 | <0.50 | 23 | <0.50 | <0.50 | --- |
| MW9B | 08/01/08 | <0.50 | <0.50 | <0.50 | 16 | <0.50 | <0.50 | --- |
| MW9B | 10/07/08 | <0.50 | <0.50 | <0.50 | 9.4 | <0.50 | <0.50 | <50 |
| MW9B | 01/30/09 | <0.50 | <0.50 | <0.50 | 12 | <0.50 | <0.50 | <50 |
| MW9B | 04/01/09 | <0.50 | <0.50 | <0.50 | 10 | <0.50 | <0.50 | --- |
| MW9C | 06/13/88 - 07/12/02 | Not analyzed for these analytes. | | | | | | |
| MW9C | 10/11/02 | <0.50 | <0.50 | 34.3 | <10.0 | <0.50 | <0.50 | --- |
| MW9C | 01/10/03 | --- | --- | --- | --- | --- | --- | --- |
| MW9C | 04/09/03 | --- | --- | --- | --- | --- | --- | --- |
| MW9C | 07/22/03 | --- | --- | --- | --- | --- | --- | --- |
| MW9C | 10/01/03 | <0.50 | <0.50 | 2.70 | 38,400 | <0.50 | <0.50 | --- |
| MW9C | 01/06/04 | <0.50 | <0.50 | 2.50 | 90,700 | 0.80 | <0.50 | --- |
| MW9C | 06/07/04 | --- | --- | --- | --- | --- | --- | <50.0 |
| MW9C | 08/30/04 | --- | --- | --- | --- | --- | --- | <50.0j |
| MW9C | 12/13/04 | --- | --- | --- | --- | --- | --- | --- |
| MW9C | 03/14/05 | <0.50 | <0.50 | <0.50 | 674 | <0.50 | <0.50 | <50.0 |

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

Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

| Well ID | Sampling Date | EDB (µg/L) | 1,2-DCA (µg/L) | TAME (µg/L) | TBA (µg/L) | ETBE (µg/L) | DIPE (µg/L) | Ethanol (µg/L) |
|-------------|---------------------|----------------------------------|-----------------|-----------------|----------------|-----------------|-----------------|----------------|
| MW9C | 06/08/05 | <0.50 | <0.50 | <0.50 | 817 | <0.50 | <0.50 | <100 |
| MW9C | 09/01/05 | --- | --- | --- | --- | --- | --- | --- |
| MW9C | 12/09/05 | --- | --- | --- | --- | --- | --- | --- |
| MW9C | 12/30/05 | --- | --- | --- | --- | --- | --- | --- |
| MW9C | 03/07/06 | <2.5 | <2.5 | <2.5 | 160 | <2.5 | <2.5 | --- |
| MW9C | 06/26/06 | --- | --- | --- | --- | --- | --- | --- |
| MW9C | 09/25/06 | <0.500 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | --- |
| MW9C | 12/15/06 | <2.5 | <2.5 | <2.5 | <60 | <2.5 | <2.5 | --- |
| MW9C | 03/29/07 | <0.500 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | --- |
| MW9C | 06/12/07 | <2.5 | <2.5 | <2.5 | <100 | <2.5 | <2.5 | --- |
| MW9C | 08/23/07 | <0.50 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | --- |
| MW9C | 11/27/07 | <1.0 | <1.0 | <1.0 | <20 | <1.0 | <1.0 | --- |
| MW9C | 02/01/08 | <1.0 | <1.0 | <1.0 | <10 | <1.0 | <1.0 | --- |
| MW9C | 05/19/08 | <0.50 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | --- |
| MW9C | 08/01/08 | <0.50 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | --- |
| MW9C | 10/07/08 | <5.0 | <5.0 | <5.0 | <50 | <5.0 | <5.0 | <500 |
| MW9C | 01/30/09 | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <50 |
| MW9C | 04/01/09 | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | --- |
| MW9D | 10/24/88 - 07/12/02 | Not analyzed for these analytes. | | | | | | |
| MW9D | 10/11/02 g | --- | --- | --- | --- | --- | --- | --- |
| MW9D | 01/10/03 | --- | --- | --- | --- | --- | --- | --- |
| MW9D | 04/09/03 | --- | --- | --- | --- | --- | --- | --- |
| MW9D | 07/22/03 | --- | --- | --- | --- | --- | --- | --- |
| MW9D | 10/01/03 | <0.50 | <0.50 | <0.50 | 235 | <0.50 | <0.50 | --- |
| MW9D | 01/06/04 | <0.50 | <0.50 | <0.50 | 51.8 | <0.50 | <0.50 | --- |
| MW9D | 06/07/04 | --- | --- | --- | --- | --- | --- | <50.0 |
| MW9D | 08/30/04 h | --- | --- | --- | --- | --- | --- | --- |
| MW9D | 12/13/04 | --- | --- | --- | --- | --- | --- | --- |
| MW9D | 03/14/05 | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <50.0 |
| MW9D | 06/08/05 | <0.50 | <0.50 | <0.50 | 57.8 | <0.50 | <0.50 | <100 |
| MW9D | 09/01/05 | --- | --- | --- | --- | --- | --- | --- |
| MW9D | 12/09/05 | --- | --- | --- | --- | --- | --- | --- |
| MW9D | 12/30/05 d | --- | --- | --- | --- | --- | --- | --- |
| MW9D | 03/07/06 | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | --- |
| MW9D | 06/26/06 | --- | --- | --- | --- | --- | --- | --- |

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

Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

| Well ID | Sampling Date | EDB (µg/L) | 1,2-DCA (µg/L) | TAME (µg/L) | TBA (µg/L) | ETBE (µg/L) | DIPE (µg/L) | Ethanol (µg/L) |
|-------------|----------------------|----------------------------------|-----------------|-----------------|----------------|-----------------|-----------------|----------------|
| MW9D | 09/25/06 | <0.500 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | --- |
| MW9D | 12/15/06 | <0.50 | <0.50 | <0.50 | <12 | <0.50 | <0.50 | --- |
| MW9D | 03/29/07 | <0.500 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | --- |
| MW9D | 06/12/07 | <0.50 | <0.50 | <0.50 | <20 | <0.50 | <0.50 | --- |
| MW9D | 08/23/07 | <0.50 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | --- |
| MW9D | 11/27/07 | <0.50 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | --- |
| MW9D | 02/01/08 | <0.50 | <0.50 | <0.50 | 5.1 | <0.50 | <0.50 | --- |
| MW9D | 05/19/08 | <0.50 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | --- |
| MW9D | 08/01/08 | <0.50 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | --- |
| MW9D | 10/07/08 | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <50 |
| MW9D | 01/30/09 | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <50 |
| MW9D | 04/01/09 | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | --- |
| MW9E | 10/24/88 - 10/19/90 | Not analyzed for these analytes. | | | | | | |
| MW9E | Oct-90 | Well destroyed. | | | | | | |
| MW9F | 12/06/88 - 07/12/02 | Not analyzed for these analytes. | | | | | | |
| MW9F | 10/11/02 | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | --- |
| MW9F | 01/10/03 | --- | --- | --- | --- | --- | --- | --- |
| MW9F | 04/09/03 | --- | --- | --- | --- | --- | --- | --- |
| MW9F | 07/22/03 | --- | --- | --- | --- | --- | --- | --- |
| MW9F | 10/01/03 | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | --- |
| MW9F | 01/06/04 | <0.50 | <0.50 | <0.50 | 13.7 | <0.50 | <0.50 | --- |
| MW9F | 06/07/04 | --- | --- | --- | --- | --- | --- | <50.0 |
| MW9F | 08/30/04 | --- | --- | --- | --- | --- | --- | <50.0j |
| MW9F | 12/13/04 | --- | --- | --- | --- | --- | --- | --- |
| MW9F | 03/14/05 | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <50.0 |
| MW9F | 06/08/05 | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <100 |
| MW9F | 09/01/05 | --- | --- | --- | --- | --- | --- | --- |
| MW9F | 12/09/05 j | --- | --- | --- | --- | --- | --- | --- |
| MW9F | 12/30/05 | --- | --- | --- | --- | --- | --- | --- |
| MW9F | 03/07/06 j | --- | --- | --- | --- | --- | --- | --- |
| MW9F | 06/26/06 j | --- | --- | --- | --- | --- | --- | --- |
| MW9F | 09/25/06 | <0.500 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | --- |
| MW9F | 12/15/06 | <0.50 | <0.50 | <0.50 | <20 | <0.50 | <0.50 | --- |
| MW9F | 03/29/07 - Present j | | | | | | | |

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

Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

| Well ID | Sampling Date | EDB (µg/L) | 1,2-DCA (µg/L) | TAME (µg/L) | TBA (µg/L) | ETBE (µg/L) | DIPE (µg/L) | Ethanol (µg/L) |
|---------|----------------------|----------------------------------|----------------|-------------|------------|-------------|-------------|----------------|
| MW9G | 12/06/88 - 07/12/02 | Not analyzed for these analytes. | | | | | | |
| MW9G | 10/11/02 | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | --- |
| MW9G | 01/10/03 | --- | --- | --- | --- | --- | --- | --- |
| MW9G | 04/09/03 | --- | --- | --- | --- | --- | --- | --- |
| MW9G | 07/22/03 | --- | --- | --- | --- | --- | --- | --- |
| MW9G | 10/01/03 | <0.50 | <0.50 | <0.50 | 17.1 | <0.50 | <0.50 | --- |
| MW9G | 01/06/04 | <0.50 | <0.50 | <0.50 | 367 | <0.50 | <0.50 | --- |
| MW9G | 06/07/04 | --- | --- | --- | --- | --- | --- | <50.0 |
| MW9G | 08/30/04 | --- | --- | --- | --- | --- | --- | <50.0j |
| MW9G | 12/13/04 | --- | --- | --- | --- | --- | --- | --- |
| MW9G | 03/14/05 | <0.50 | <0.50 | <0.50 | 569 | <0.50 | <0.50 | <50.0 |
| MW9G | 06/08/05 | <0.50 | <0.50 | <0.50 | 150 | <0.50 | <0.50 | <100 |
| MW9G | 09/01/05 | --- | --- | --- | --- | --- | --- | --- |
| MW9G | 12/09/05 j | --- | --- | --- | --- | --- | --- | --- |
| MW9G | 12/30/05 | --- | --- | --- | --- | --- | --- | --- |
| MW9G | 03/07/06 j | --- | --- | --- | --- | --- | --- | --- |
| MW9G | 06/26/06 j | --- | --- | --- | --- | --- | --- | --- |
| MW9G | 09/25/06 | <0.500 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | --- |
| MW9G | 12/15/06 | <0.50 | <0.50 | <0.50 | <12 | <0.50 | <0.50 | --- |
| MW9G | 03/29/07 - Present j | | | | | | | |
| MW9H | 12/06/88 - 10/19/90 | Not analyzed for these analytes. | | | | | | |
| MW9H | 11/02/95 | <50 | <10 | --- | --- | --- | <0.5 | <0.5 |
| MW9H | 04/26/96 - 07/12/02 | Not analyzed for these analytes. | | | | | | |
| MW9H | 10/11/02 | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | --- |
| MW9H | 01/10/03 | --- | --- | --- | --- | --- | --- | --- |
| MW9H | 04/09/03 | --- | --- | --- | --- | --- | --- | --- |
| MW9H | 07/22/03 | --- | --- | --- | --- | --- | --- | --- |
| MW9H | 10/01/03 | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | --- |
| MW9H | 01/06/04 | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | --- |
| MW9H | 06/07/04 | --- | --- | --- | --- | --- | --- | <50.0 |
| MW9H | 08/30/04 | --- | --- | --- | --- | --- | --- | <50.0j |
| MW9H | 12/13/04 | --- | --- | --- | --- | --- | --- | --- |
| MW9H | 03/14/05 | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <50.0 |
| MW9H | 06/08/05 | <0.50 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <100 |

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

Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

| Well ID | Sampling Date | EDB (µg/L) | 1,2-DCA (µg/L) | TAME (µg/L) | TBA (µg/L) | ETBE (µg/L) | DIPE (µg/L) | Ethanol (µg/L) |
|---------|----------------------|----------------------------------|----------------|-------------|------------|-------------|-------------|----------------|
| MW9H | 09/01/05 | --- | --- | --- | --- | --- | --- | --- |
| MW9H | 12/09/05 j | --- | --- | --- | --- | --- | --- | --- |
| MW9H | 12/30/05 | --- | --- | --- | --- | --- | --- | --- |
| MW9H | 03/07/06 j | --- | --- | --- | --- | --- | --- | --- |
| MW9H | 06/26/06 j | --- | --- | --- | --- | --- | --- | --- |
| MW9H | 09/25/06 | <0.500 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | --- |
| MW9H | 12/15/06 | <0.50 | <0.50 | <0.50 | <12 | <0.50 | <0.50 | --- |
| MW9H | 03/29/07 - Present j | | | | | | | |
| MW9I | 11/15/90 - 07/12/02 | Not analyzed for these analytes. | | | | | | |
| MW9I | 10/11/02 | <0.50 | <0.50 | 24.1 | <10.0 | <0.50 | <0.50 | --- |
| MW9I | 01/10/03 | --- | --- | --- | --- | --- | --- | --- |
| MW9I | 04/09/03 | --- | --- | --- | --- | --- | --- | --- |
| MW9I | 07/22/03 | --- | --- | --- | --- | --- | --- | --- |
| MW9I | 10/01/03 | <0.50 | <0.50 | 1.50 | 30,300 | <0.50 | <0.50 | --- |
| MW9I | 01/06/04 | <0.50 | <0.50 | <0.50 | 377 | <0.50 | <0.50 | --- |
| MW9I | 06/07/04 | --- | --- | --- | --- | --- | --- | <50.0 |
| MW9I | 08/30/04 | --- | --- | --- | --- | --- | --- | <50.0j |
| MW9I | 12/13/04 | --- | --- | --- | --- | --- | --- | --- |
| MW9I | 03/14/05 | <0.50 | <0.50 | <0.50 | 1,640 | <0.50 | <0.50 | <50.0 |
| MW9I | 06/08/05 | <0.50 | <0.50 | <0.50 | 47,000 | <0.50 | <0.50 | <100 |
| MW9I | 09/01/05 | --- | --- | --- | --- | --- | --- | --- |
| MW9I | 12/09/05 | --- | --- | --- | --- | --- | --- | --- |
| MW9I | 12/30/05 | --- | --- | --- | --- | --- | --- | --- |
| MW9I | 03/07/06 | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <100 |
| MW9I | 06/26/06 | --- | --- | --- | --- | --- | --- | <100 |
| MW9I | 09/25/06 | <0.500 | <0.500 | <0.500 | 10,300 | <0.500 | <0.500 | <50.0 |
| MW9I | 12/15/06 | <0.50 | <0.50 | <0.50 | 730 | <0.50 | <0.50 | <100 |
| MW9I | 03/29/07 | <0.500 | <0.500 | <0.500 | 632 | <0.500 | <0.500 | <50.0 |
| MW9I | 06/12/07 | <0.50 | <0.50 | <0.50 | 140 | <0.50 | <0.50 | --- |
| MW9I | 08/23/07 | <0.50 | <0.50 | <0.50 | 90 | <0.50 | <0.50 | <100 |
| MW9I | 11/27/07 | <0.50 | <0.50 | <0.50 | 15 | <0.50 | <0.50 | <100 |
| MW9I | 02/01/08 | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <100 |
| MW9I | 05/19/08 | <0.50 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <100 |
| MW9I | 08/01/08 | <0.50 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <100 |
| MW9I | 10/07/08 | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <50 |

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

| Well ID | Sampling Date | EDB (µg/L) | 1,2-DCA (µg/L) | TAME (µg/L) | TBA (µg/L) | ETBE (µg/L) | DIPE (µg/L) | Ethanol (µg/L) |
|-------------|-----------------|-----------------|-----------------|-----------------|----------------|-----------------|-----------------|----------------|
| MW9I | 01/30/09 | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <50 |
| MW9I | 04/01/09 | <0.50 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <50 |

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

Former Exxon Service Station 70238
2200 East 12th 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. |
| NAPL | = Non-aqueous phase liquids. |
| TPHg | = Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015B. |
| 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. |
| 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. |
| < | = Less than the indicated reporting limit shown by the laboratory. |
| --- | = Not measured/Not sampled/Not analyzed. |
| a | = Miscalculation in field. Field technician may have inadvertently monitored and sampled the wrong well. Resampled 05/27/99. |
| b | = Analyte detected in the trip blank and/or bailer blank. |
| c | = Due to measurement error during initial sampling event, DTW was re-measured on 08/17/01. Samples were not taken. |
| d | = Well inaccessible. |
| e | = Samples collected after fourth quarter 2001 analyzed by TestAmerica, Incorporated. Reported concentrations may be affected by differing laboratory quantitation methods. |
| f | = Sample erroneously labeled MA9B on Chain-of-Custody form and laboratory report. |
| g | = Insufficient sample volume to perform analyses. |
| h | = Groundwater elevation data invalidated; analytical results suspect. |
| i | = Well sampled using no-purge method. |
| j | = Well not gauged and/or sampled due to encroachment permit restrictions. |
| k | = Hydrocarbon result partly due to individual peak(s) in quantitation range. |
| l | = Elevation relative to temporary benchmark with an arbitrary elevation of 100.0 feet. |

TABLE 2
WELL CONSTRUCTION DETAILS
Former Exxon Service Station 70238
2200 East 12th 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 |
|---------|------------------------|----------------------|----------------------------|----------------------------------|-----------------------|--------------------------|----------------------|------------------------------|--------------------|---------------------------------|----------------------|
| MW9A | 06/10/88 | 14.51 | 8 | 18 | 18 | 2 | PVC | 8-18 | 0.020 | NS | NS |
| MW9B | 06/10/88 | 12.84 | 8 | 20 | 18 | 2 | PVC | 8-18 | 0.020 | NS | NS |
| MW9C | 06/10/88 | 14.16 | 8 | 17 | 18 | 2 | PVC | 8-18 | 0.020 | NS | NS |
| MW9D | 10/05/88 | 15.97 | 12 | 16.5 | 14 | 4 | PVC | 5-14 | NS | NS | NS |
| MW9E | 10/05/88 | NS | 12 | 18.5 | 14 | 4 | PVC | 5-14 | NS | NS | NS |
| MW9F | 11/23/88 | 11.38 | 8 | 16 | 14 | 4 | PVC | 4-14 | NS | NS | NS |
| MW9G | 11/22/88 | 12.98 | 8 | 16.5 | 14 | 4 | PVC | 5-14 | NS | NS | NS |
| MW9H | 11/23/88 | 11.59 | 8 | 16.5 | 14 | 4 | PVC | 5-14 | NS | NS | NS |
| MW9I | 11/02/90 | 13.13 | 12 | 16 | 16 | 4 | NS | 4-14 | NS | NS | NS |
| DPE1 | 06/05/03 | NS | 10 | 21 | 20 | 4 | PVC | 5-20 | 0.020 | 4-20 | #3 Sand |
| DPE2 | 06/04/03 | NS | 10 | 21 | 20 | 4 | PVC | 5-20 | 0.020 | 4-20 | #3 Sand |
| DPE3 | 06/04/03 | NS | 10 | 21 | 20 | 4 | PVC | 5-20 | 0.020 | 4-20 | #3 Sand |
| DPE4 | 06/05/03 | NS | 10 | 21 | 20 | 4 | PVC | 5-20 | 0.020 | 4-20 | #3 Sand |
| VP1 | 01/11/01 | NS | 8 | 20 | 20 | 2 | PVC | 5-20 | 0.020 | 4-20 | #3 Sand |
| VP2 | 01/11/01 | NS | 8 | 20 | 20 | 2 | PVC | 5-20 | 0.020 | 4-20 | #3 Sand |

Notes:

- TOC = Top of well casing elevation; datum is mean sea level.
- PVC = Polyvinyl chloride.
- feet bgs = feet below ground surface.
- NS = Not specified.

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 (depth to bottom - depth to water) |
| 7.48 | = | conversion constant from cubic feet to gallons |
| π | = | ratio of the circumference of a circle to its diameter |

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

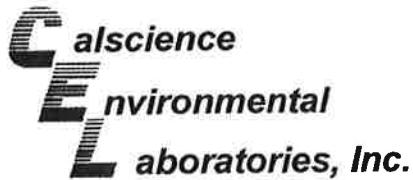
After purging, each well is allowed to recharge to at least 80% of the initial water level. Water samples from wells that do not recover at least 80% (due to slow recharging of the well) between purging and sampling are considered to be "grab samples." Water samples are collected with a new, disposable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

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



April 14, 2009

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

Subject: **CalScience Work Order No.: 09-04-0259**
Client Reference: ExxonMobil 70238

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 4/3/2009 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.

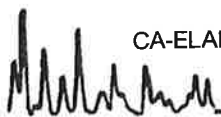
Note that the Chain-of-Custody Record and Sample Receipt Form are integral parts of this report.

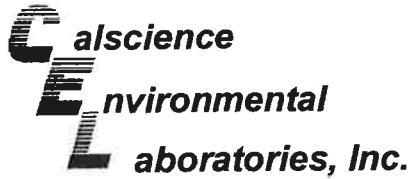
If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink, which appears to read "Cecile deGuia".

CalScience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager





Analytical Report

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

Date Received: 04/03/09
Work Order No: 09-04-0259
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: ExxonMobil 70238

Page 1 of 2

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| MW9A | 09-04-0259-2-E | 04/01/09 12:05 | Aqueous | GC 18 | 04/08/09 | 04/08/09 03:01 | 090407B02 |

| Parameter | Result | RL | DF | Qual | Units |
|------------------------|----------------|-----------------------|----|-------------|-------|
| TPH as Gasoline | 68 | 50 | 1 | | ug/L |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> | |
| 1,4-Bromofluorobenzene | 109 | 38-134 | | | |

| | | | | | | | |
|------|----------------|-------------------|---------|-------|----------|-------------------|-----------|
| MW9B | 09-04-0259-3-E | 04/01/09 11:30 | Aqueous | GC 18 | 04/08/09 | 04/08/09 03:34 | 090407B02 |
|------|----------------|-------------------|---------|-------|----------|-------------------|-----------|

| Parameter | Result | RL | DF | Qual | Units |
|------------------------|----------------|-----------------------|----|-------------|-------|
| TPH as Gasoline | ND | 50 | 1 | | ug/L |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> | |
| 1,4-Bromofluorobenzene | 112 | 38-134 | | | |

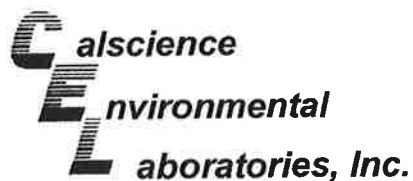
| | | | | | | | |
|------|----------------|-------------------|---------|-------|----------|-------------------|-----------|
| MW9C | 09-04-0259-4-E | 04/01/09 12:17 | Aqueous | GC 18 | 04/08/09 | 04/08/09 04:08 | 090407B02 |
|------|----------------|-------------------|---------|-------|----------|-------------------|-----------|

| Parameter | Result | RL | DF | Qual | Units |
|------------------------|----------------|-----------------------|----|-------------|-------|
| TPH as Gasoline | 91 | 50 | 1 | | ug/L |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> | |
| 1,4-Bromofluorobenzene | 111 | 38-134 | | | |

| | | | | | | | |
|------|----------------|-------------------|---------|-------|----------|-------------------|-----------|
| MW9D | 09-04-0259-5-E | 04/01/09 11:45 | Aqueous | GC 18 | 04/07/09 | 04/07/09 20:20 | 090407B01 |
|------|----------------|-------------------|---------|-------|----------|-------------------|-----------|

| Parameter | Result | RL | DF | Qual | Units |
|------------------------|----------------|-----------------------|----|-------------|-------|
| TPH as Gasoline | ND | 50 | 1 | | ug/L |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> | |
| 1,4-Bromofluorobenzene | 108 | 38-134 | | | |

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



Analytical Report

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

Date Received: 04/03/09
Work Order No: 09-04-0259
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: ExxonMobil 70238

Page 2 of 2

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| MW9I | 09-04-0259-6-E | 04/01/09 11:20 | Aqueous | GC 18 | 04/08/09 | 04/08/09 04:41 | 090407B02 |

| Parameter | Result | RL | DF | Qual | Units |
|-----------------|--------|----|----|------|-------|
| TPH as Gasoline | ND | 50 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|------------------------|---------|----------------|------|
| 1,4-Bromofluorobenzene | 111 | 38-134 | |

| | | | | | | | |
|--------------|------------------|-----|---------|-------|----------|-------------------|-----------|
| Method Blank | 099-12-436-3,094 | N/A | Aqueous | GC 18 | 04/07/09 | 04/07/09 05:18 | 090407B01 |
|--------------|------------------|-----|---------|-------|----------|-------------------|-----------|

| Parameter | Result | RL | DF | Qual | Units |
|-----------------|--------|----|----|------|-------|
| TPH as Gasoline | ND | 50 | 1 | | ug/L |

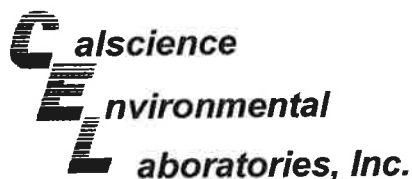
| Surrogates: | REC (%) | Control Limits | Qual |
|------------------------|---------|----------------|------|
| 1,4-Bromofluorobenzene | 113 | 38-134 | |

| | | | | | | | |
|--------------|------------------|-----|---------|-------|----------|-------------------|-----------|
| Method Blank | 099-12-436-3,095 | N/A | Aqueous | GC 18 | 04/07/09 | 04/07/09 22:34 | 090407B02 |
|--------------|------------------|-----|---------|-------|----------|-------------------|-----------|

| Parameter | Result | RL | DF | Qual | Units |
|-----------------|--------|----|----|------|-------|
| TPH as Gasoline | ND | 50 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|------------------------|---------|----------------|------|
| 1,4-Bromofluorobenzene | 108 | 38-134 | |

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



Analytical Report

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

Date Received: 04/03/09
Work Order No: 09-04-0259
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: ExxonMobil 70238

Page 1 of 1

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| MW9A | 09-04-0259-2-A | 04/01/09 12:05 | Aqueous | GC/MS L | 04/10/09 | 04/10/09 16:50 | 090410L03 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|-----------------------------|----------------|-----------------------|----|-------------|-------------------------------|----------------|-----------------------|----|-------------|
| Benzene | ND | 0.50 | 1 | | Diisopropyl Ether (DIPE) | ND | 0.50 | 1 | |
| Toluene | ND | 0.50 | 1 | | Ethyl-t-Butyl Ether (ETBE) | ND | 0.50 | 1 | |
| Ethylbenzene | ND | 0.50 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 0.50 | 1 | |
| Xylenes (total) | ND | 0.50 | 1 | | Ethanol | 63 | 50 | 1 | |
| Methyl-t-Butyl Ether (MTBE) | 91 | 2.0 | 4 | | 1,2-Dibromoethane | ND | 0.50 | 1 | |
| Tert-Butyl Alcohol (TBA) | ND | 5.0 | 1 | | 1,2-Dichloroethane | ND | 0.50 | 1 | |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> | <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> |
| 1,2-Dichloroethane-d4 | 96 | 73-145 | | | 1,4-Bromofluorobenzene | 97 | 74-110 | | |
| Dibromofluoromethane | 102 | 81-135 | | | Toluene-d8 | 95 | 83-119 | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| MW9I | 09-04-0259-6-A | 04/01/09 11:20 | Aqueous | GC/MS L | 04/10/09 | 04/10/09 14:52 | 090410L03 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|-----------------------------|----------------|-----------------------|----|-------------|-------------------------------|----------------|-----------------------|----|-------------|
| Benzene | ND | 0.50 | 1 | | Diisopropyl Ether (DIPE) | ND | 0.50 | 1 | |
| Toluene | ND | 0.50 | 1 | | Ethyl-t-Butyl Ether (ETBE) | ND | 0.50 | 1 | |
| Ethylbenzene | ND | 0.50 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 0.50 | 1 | |
| Xylenes (total) | ND | 0.50 | 1 | | Ethanol | ND | 50 | 1 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 0.50 | 1 | | 1,2-Dibromoethane | ND | 0.50 | 1 | |
| Tert-Butyl Alcohol (TBA) | ND | 5.0 | 1 | | 1,2-Dichloroethane | ND | 0.50 | 1 | |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> | <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> |
| 1,2-Dichloroethane-d4 | 105 | 73-145 | | | 1,4-Bromofluorobenzene | 97 | 74-110 | | |
| Dibromofluoromethane | 104 | 81-135 | | | Toluene-d8 | 123 | 83-119 | | 2 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| Method Blank | 099-12-880-81 | N/A | Aqueous | GC/MS L | 04/10/09 | 04/10/09 14:25 | 090410L03 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|-----------------------------|----------------|-----------------------|----|-------------|-------------------------------|----------------|-----------------------|----|-------------|
| Benzene | ND | 0.50 | 1 | | Diisopropyl Ether (DIPE) | ND | 0.50 | 1 | |
| Toluene | ND | 0.50 | 1 | | Ethyl-t-Butyl Ether (ETBE) | ND | 0.50 | 1 | |
| Ethylbenzene | ND | 0.50 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 0.50 | 1 | |
| Xylenes (total) | ND | 0.50 | 1 | | Ethanol | ND | 50 | 1 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 0.50 | 1 | | 1,2-Dibromoethane | ND | 0.50 | 1 | |
| Tert-Butyl Alcohol (TBA) | ND | 5.0 | 1 | | 1,2-Dichloroethane | ND | 0.50 | 1 | |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> | <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> |
| 1,2-Dichloroethane-d4 | 95 | 73-145 | | | 1,4-Bromofluorobenzene | 98 | 74-110 | | |
| Dibromofluoromethane | 100 | 81-135 | | | Toluene-d8 | 96 | 83-119 | | |

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



Analytical Report

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

Date Received: 04/03/09
Work Order No: 09-04-0259
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: ExxonMobil 70238

Page 1 of 2

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| MW9B | 09-04-0259-3-B | 04/01/09 11:30 | Aqueous | GC/MS L | 04/10/09 | 04/10/09 19:13 | 090410L03 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|-----------------------------|----------------|-----------------------|----|-------------|-------------------------------|----------------|-----------------------|----|-------------|
| Benzene | ND | 0.50 | 1 | | Diisopropyl Ether (DIPE) | ND | 0.50 | 1 | |
| Toluene | ND | 0.50 | 1 | | Ethyl-t-Butyl Ether (ETBE) | ND | 0.50 | 1 | |
| Ethylbenzene | ND | 0.50 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 0.50 | 1 | |
| Xylenes (total) | ND | 0.50 | 1 | | 1,2-Dibromoethane | ND | 0.50 | 1 | |
| Methyl-t-Butyl Ether (MTBE) | 2.8 | 0.50 | 1 | | 1,2-Dichloroethane | ND | 0.50 | 1 | |
| Tert-Butyl Alcohol (TBA) | 10 | 5.0 | 1 | | | | | | |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> | <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> |
| 1,2-Dichloroethane-d4 | 110 | 73-145 | | | 1,4-Bromofluorobenzene | 95 | 74-110 | | |
| Dibromofluoromethane | 108 | 81-135 | | | Toluene-d8 | 96 | 83-119 | | |

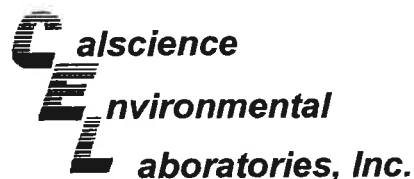
| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| MW9C | 09-04-0259-4-A | 04/01/09 12:17 | Aqueous | GC/MS L | 04/10/09 | 04/10/09 17:45 | 090410L03 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|-----------------------------|----------------|-----------------------|----|-------------|-------------------------------|----------------|-----------------------|----|-------------|
| Benzene | ND | 0.50 | 1 | | Diisopropyl Ether (DIPE) | ND | 0.50 | 1 | |
| Toluene | ND | 0.50 | 1 | | Ethyl-t-Butyl Ether (ETBE) | ND | 0.50 | 1 | |
| Ethylbenzene | ND | 0.50 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 0.50 | 1 | |
| Xylenes (total) | ND | 0.50 | 1 | | 1,2-Dibromoethane | ND | 0.50 | 1 | |
| Methyl-t-Butyl Ether (MTBE) | 12 | 0.50 | 1 | | 1,2-Dichloroethane | ND | 0.50 | 1 | |
| Tert-Butyl Alcohol (TBA) | ND | 5.0 | 1 | | | | | | |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> | <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> |
| 1,2-Dichloroethane-d4 | 111 | 73-145 | | | 1,4-Bromofluorobenzene | 97 | 74-110 | | |
| Dibromofluoromethane | 104 | 81-135 | | | Toluene-d8 | 96 | 83-119 | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| MW9D | 09-04-0259-5-A | 04/01/09 11:45 | Aqueous | GC/MS L | 04/10/09 | 04/10/09 18:13 | 090410L03 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|-----------------------------|----------------|-----------------------|----|-------------|-------------------------------|----------------|-----------------------|----|-------------|
| Benzene | ND | 0.50 | 1 | | Diisopropyl Ether (DIPE) | ND | 0.50 | 1 | |
| Toluene | ND | 0.50 | 1 | | Ethyl-t-Butyl Ether (ETBE) | ND | 0.50 | 1 | |
| Ethylbenzene | ND | 0.50 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 0.50 | 1 | |
| Xylenes (total) | ND | 0.50 | 1 | | 1,2-Dibromoethane | ND | 0.50 | 1 | |
| Methyl-t-Butyl Ether (MTBE) | 2.2 | 0.50 | 1 | | 1,2-Dichloroethane | ND | 0.50 | 1 | |
| Tert-Butyl Alcohol (TBA) | ND | 5.0 | 1 | | | | | | |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> | <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> |
| 1,2-Dichloroethane-d4 | 98 | 73-145 | | | 1,4-Bromofluorobenzene | 93 | 74-110 | | |
| Dibromofluoromethane | 106 | 81-135 | | | Toluene-d8 | 94 | 83-119 | | |

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



Analytical Report

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

Date Received: 04/03/09
Work Order No: 09-04-0259
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

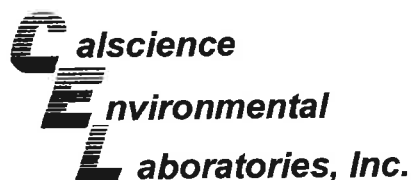
Project: ExxonMobil 70238

Page 2 of 2

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| Method Blank | 099-12-884-101 | N/A | Aqueous | GC/MS L | 04/10/09 | 04/10/09 14:25 | 090410L03 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|-----------------------------|----------------|-----------------------|----|-------------|-------------------------------|----------------|-----------------------|----|-------------|
| Benzene | ND | 0.50 | 1 | | Diisopropyl Ether (DIPE) | ND | 0.50 | 1 | |
| Toluene | ND | 0.50 | 1 | | Ethyl-t-Butyl Ether (ETBE) | ND | 0.50 | 1 | |
| Ethylbenzene | ND | 0.50 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 0.50 | 1 | |
| Xylenes (total) | ND | 0.50 | 1 | | 1,2-Dibromoethane | ND | 0.50 | 1 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 0.50 | 1 | | 1,2-Dichloroethane | ND | 0.50 | 1 | |
| Tert-Butyl Alcohol (TBA) | ND | 5.0 | 1 | | | | | | |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> | <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> |
| 1,2-Dichloroethane-d4 | 95 | 73-145 | | | 1,4-Bromofluorobenzene | 98 | 74-110 | | |
| Dibromofluoromethane | 100 | 81-135 | | | Toluene-d8 | 96 | 83-119 | | |

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



Quality Control - Spike/Spike Duplicate

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

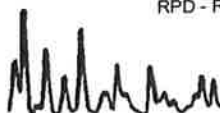
Date Received: 04/03/09
Work Order No: 09-04-0259
Preparation: EPA 5030B
Method: EPA 8015B (M)

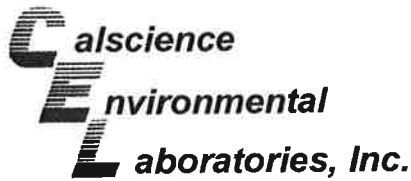
Project ExxonMobil 70238

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|---------------------|
| 09-04-0116-22 | Aqueous | GC 18 | 04/07/09 | 04/07/09 | 090407S01 |

| <u>Parameter</u> | <u>MS %REC</u> | <u>MSD %REC</u> | <u>%REC CL</u> | <u>RPD</u> | <u>RPD CL</u> | <u>Qualifiers</u> |
|------------------|----------------|-----------------|----------------|------------|---------------|-------------------|
| TPH as Gasoline | 82 | 80 | 68-122 | 2 | 0-18 | |

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - Spike/Spike Duplicate

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

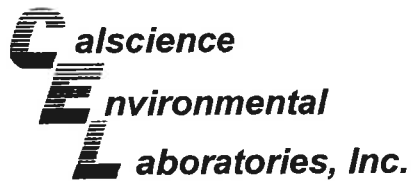
Date Received: 04/03/09
Work Order No: 09-04-0259
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project ExxonMobil 70238

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|---------------------|
| 09-04-0234-1 | Aqueous | GC 18 | 04/07/09 | 04/08/09 | 090407S02 |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|-----------------|---------|----------|---------|-----|--------|------------|
| TPH as Gasoline | 75 | 76 | 68-122 | 1 | 0-18 | |

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - Spike/Spike Duplicate

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

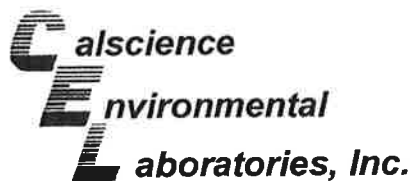
Date Received: 04/03/09
Work Order No: 09-04-0259
Preparation: EPA 5030B
Method: EPA 8260B

Project ExxonMobil 70238

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|---------------------|
| MW9I | Aqueous | GC/MS L | 04/10/09 | 04/10/09 | 090410S01 |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|-------------------------------|---------|----------|---------|-----|--------|------------|
| Benzene | 99 | 104 | 86-122 | 4 | 0-8 | |
| Toluene | 130 | 133 | 85-127 | 2 | 0-12 | 3 |
| Ethylbenzene | 103 | 105 | 70-130 | 1 | 0-30 | |
| Methyl-t-Butyl Ether (MTBE) | 113 | 125 | 64-136 | 10 | 0-28 | |
| Tert-Butyl Alcohol (TBA) | 114 | 113 | 27-183 | 1 | 0-60 | |
| Diisopropyl Ether (DIPE) | 154 | 153 | 78-126 | 1 | 0-16 | 3 |
| Ethyl-t-Butyl Ether (ETBE) | 119 | 113 | 67-133 | 5 | 0-21 | |
| Tert-Amyl-Methyl Ether (TAME) | 100 | 98 | 63-141 | 2 | 0-21 | |
| Ethanol | 118 | 153 | 11-167 | 26 | 0-64 | |
| 1,1-Dichloroethene | 118 | 119 | 52-142 | 1 | 0-23 | |
| 1,2-Dibromoethane | 97 | 94 | 70-130 | 3 | 0-30 | |
| 1,2-Dichlorobenzene | 104 | 0 | 89-119 | 200 | 0-10 | 4,3 |
| Carbon Tetrachloride | 110 | 110 | 78-138 | 1 | 0-9 | |
| Chlorobenzene | 103 | 105 | 90-120 | 1 | 0-9 | |
| Trichloroethene | 100 | 107 | 78-126 | 7 | 0-10 | |
| Vinyl Chloride | 120 | 119 | 56-140 | 1 | 0-21 | |

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - Spike/Spike Duplicate

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

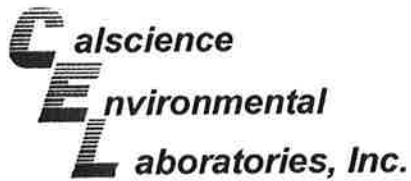
Date Received: 04/03/09
Work Order No: 09-04-0259
Preparation: EPA 5030B
Method: EPA 8260B

Project ExxonMobil 70238

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|---------------------|
| MW9I | Aqueous | GC/MS L | 04/10/09 | 04/10/09 | 090410S01 |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|-------------------------------|---------|----------|---------|-----|--------|------------|
| Benzene | 99 | 104 | 86-122 | 4 | 0-8 | |
| Toluene | 130 | 133 | 85-127 | 2 | 0-12 | 3 |
| Ethylbenzene | 103 | 105 | 70-130 | 1 | 0-30 | |
| Methyl-t-Butyl Ether (MTBE) | 113 | 125 | 64-136 | 10 | 0-28 | |
| Tert-Butyl Alcohol (TBA) | 114 | 113 | 27-183 | 1 | 0-60 | |
| Diisopropyl Ether (DIPE) | 154 | 153 | 78-126 | 1 | 0-16 | 3 |
| Ethyl-t-Butyl Ether (ETBE) | 119 | 113 | 67-133 | 5 | 0-21 | |
| Tert-Amyl-Methyl Ether (TAME) | 100 | 98 | 63-141 | 2 | 0-21 | |
| Ethanol | 118 | 153 | 11-167 | 26 | 0-64 | |
| 1,1-Dichloroethene | 118 | 119 | 52-142 | 1 | 0-23 | |
| 1,2-Dibromoethane | 97 | 94 | 70-130 | 3 | 0-30 | |
| 1,2-Dichlorobenzene | 104 | 0 | 89-119 | 200 | 0-10 | 4,3 |
| Carbon Tetrachloride | 110 | 110 | 78-138 | 1 | 0-9 | |
| Chlorobenzene | 103 | 105 | 90-120 | 1 | 0-9 | |
| Trichloroethene | 100 | 107 | 78-126 | 7 | 0-10 | |
| Vinyl Chloride | 120 | 119 | 56-140 | 1 | 0-21 | |

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - LCS/LCS Duplicate

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

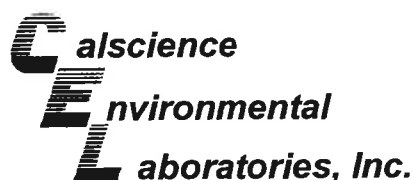
Date Received: N/A
Work Order No: 09-04-0259
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: ExxonMobil 70238

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|-----------------------|
| 099-12-436-3,094 | Aqueous | GC 18 | 04/07/09 | 04/07/09 | 090407B01 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|-----------------|----------|-----------|---------|-----|--------|------------|
| TPH as Gasoline | 87 | 86 | 78-120 | 1 | 0-10 | |

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - LCS/LCS Duplicate

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

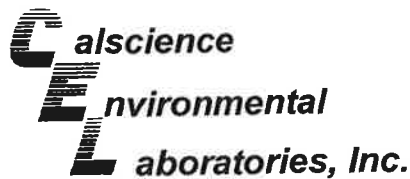
Date Received: N/A
Work Order No: 09-04-0259
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: ExxonMobil 70238

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|-----------------------|
| 099-12-436-3,095 | Aqueous | GC 18 | 04/07/09 | 04/08/09 | 090407B02 |

| <u>Parameter</u> | <u>LCS %REC</u> | <u>LCSD %REC</u> | <u>%REC CL</u> | <u>RPD</u> | <u>RPD CL</u> | <u>Qualifiers</u> |
|------------------|-----------------|------------------|----------------|------------|---------------|-------------------|
| TPH as Gasoline | 80 | 78 | 78-120 | 2 | 0-10 | |

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 09-04-0259
Preparation: EPA 5030B
Method: EPA 8260B

Project: ExxonMobil 70238

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number | | |
|-------------------------------|----------|------------|---------------|---------------|-----------------------|--------|------------|
| 099-12-880-81 | Aqueous | GC/MS L | 04/10/09 | 04/10/09 | 090410L03 | | |
| Parameter | LCS %REC | LCSD %REC | %REC CL | ME_CL | RPD | RPD CL | Qualifiers |
| Benzene | 104 | 93 | 87-117 | 82-122 | 10 | 0-7 | X |
| Toluene | 94 | 97 | 85-127 | 78-134 | 3 | 0-7 | |
| Ethylbenzene | 101 | 100 | 80-120 | 73-127 | 1 | 0-20 | |
| Methyl-t-Butyl Ether (MTBE) | 118 | 96 | 67-133 | 56-144 | 21 | 0-16 | X |
| Tert-Butyl Alcohol (TBA) | 92 | 100 | 34-154 | 14-174 | 8 | 0-19 | |
| Diisopropyl Ether (DIPE) | 121 | 118 | 80-122 | 73-129 | 2 | 0-8 | |
| Ethyl-t-Butyl Ether (ETBE) | 95 | 99 | 73-127 | 64-136 | 4 | 0-11 | |
| Tert-Amyl-Methyl Ether (TAME) | 106 | 103 | 69-135 | 58-146 | 3 | 0-12 | |
| Ethanol | 92 | 127 | 34-124 | 19-139 | 32 | 0-44 | |
| 1,1-Dichloroethene | 115 | 98 | 71-131 | 61-141 | 16 | 0-14 | X |
| 1,2-Dibromoethane | 110 | 105 | 80-120 | 73-127 | 5 | 0-20 | |
| 1,2-Dichlorobenzene | 102 | 101 | 88-118 | 83-123 | 1 | 0-8 | |
| Carbon Tetrachloride | 103 | 102 | 78-132 | 69-141 | 0 | 0-8 | |
| Chlorobenzene | 101 | 100 | 88-118 | 83-123 | 1 | 0-8 | |
| Trichloroethene | 96 | 98 | 85-121 | 79-127 | 2 | 0-11 | |
| Vinyl Chloride | 101 | 105 | 64-136 | 52-148 | 4 | 0-10 | |

Total number of LCS compounds : 16

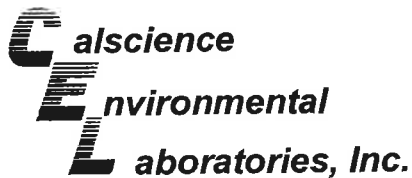
Total number of ME compounds : 1

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

X: LCS/LCS Duplicate RPD was out of control (above the upper control limit). The spike and spike duplicate were within control limits and, therefore, the sample data was reported without further clarification.

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 09-04-0259
Preparation: EPA 5030B
Method: EPA 8260B

Project: ExxonMobil 70238

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number | | |
|-------------------------------|----------|------------|---------------|---------------|-----------------------|--------|------------|
| 099-12-884-101 | Aqueous | GC/MS L | 04/10/09 | 04/10/09 | 090410L03 | | |
| Parameter | LCS %REC | LCSD %REC | %REC CL | ME CL | RPD | RPD CL | Qualifiers |
| Benzene | 104 | 93 | 87-117 | 82-122 | 10 | 0-7 | X |
| Toluene | 94 | 97 | 85-127 | 78-134 | 3 | 0-7 | |
| Ethylbenzene | 101 | 100 | 80-120 | 73-127 | 1 | 0-20 | |
| Methyl-t-Butyl Ether (MTBE) | 118 | 96 | 67-133 | 56-144 | 21 | 0-16 | X |
| Tert-Butyl Alcohol (TBA) | 92 | 100 | 34-154 | 14-174 | 8 | 0-19 | |
| Diisopropyl Ether (DIPE) | 121 | 118 | 80-122 | 73-129 | 2 | 0-8 | |
| Ethyl-t-Butyl Ether (ETBE) | 95 | 99 | 73-127 | 64-136 | 4 | 0-11 | |
| Tert-Amyl-Methyl Ether (TAME) | 106 | 103 | 69-135 | 58-146 | 3 | 0-12 | |
| Ethanol | 92 | 127 | 34-124 | 19-139 | 32 | 0-44 | |
| 1,1-Dichloroethene | 115 | 98 | 71-131 | 61-141 | 16 | 0-14 | X |
| 1,2-Dibromoethane | 110 | 105 | 80-120 | 73-127 | 5 | 0-20 | |
| 1,2-Dichlorobenzene | 102 | 101 | 88-118 | 83-123 | 1 | 0-8 | |
| Carbon Tetrachloride | 103 | 102 | 78-132 | 69-141 | 0 | 0-8 | |
| Chlorobenzene | 101 | 100 | 88-118 | 83-123 | 1 | 0-8 | |
| Trichloroethene | 96 | 98 | 85-121 | 79-127 | 2 | 0-11 | |
| Vinyl Chloride | 101 | 105 | 64-136 | 52-148 | 4 | 0-10 | |

Total number of LCS compounds : 16

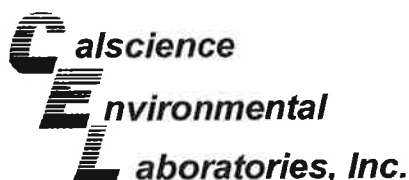
Total number of ME compounds : 1

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

X: LCS/LCS Duplicate RPD was out of control (above the upper control limit). The spike and spike duplicate were within control limits and, therefore, the sample data was reported without further clarification.

RPD - Relative Percent Difference , CL - Control Limit



Glossary of Terms and Qualifiers

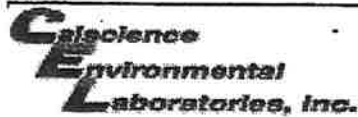
Work Order Number: 09-04-0259

| <u>Qualifier</u> | <u>Definition</u> |
|------------------|---|
| * | 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 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 with no further corrective action required. |
| A | Result is the average of all dilutions, as defined by the method. |
| B | Analyte was present in the associated method blank. |
| C | Analyte presence was not confirmed on primary column. |
| 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. |



CHAIN OF CUSTODY RECORD

02501



7440 Lincoln Way
Garden Grove, CA 92841
TEL: (714) 895-5494
FAX: (714) 894-7501



Consultant Name: Environmental Resolutions, Inc.

Address: 601 North McDowell Boulevard

City/State/Zip: Petaluma, California 94954

Project Manager Paula Sime

Telephone Number: (707) 766-2000

ERI Job Number: 229313X

Sampler Name: (Print) ISAAC INGRAM

Sampler Signature: *[Signature]*

ExxonMobil Engineer Jennifer C. Sedlachek

Telephone Number (510) 547-8196

Account #:

PO #: 4510813810

Facility ID #: 70238

Global ID#: T0600101343

Site Address 2200 East 12th Street

City, State Zip Oakland, California

Shipping Method: Lab Courier Hand Deliver Commercial Express Other:

TAT
 24 hour 72 hour
 48 hour 96 hour
 8 day

PROVIDE:
EDF Report

Special Instructions:
7 CA Oxys= MTBE, ETBE, TAME, TBA, EDB, 1,2-DCA, DIPE.
Set TBA detection limit at or below 12 ug/L.

Matrix Analyze For:

| Sample ID / Description | DATE | TIME | COMP | GRAB | PRESERV | NUMBER | Matrix | | | Analyze For: | | | | | | | | |
|-------------------------|--------|------|------|------|---------|--------|--------|------|-------|--------------|------------|------------|------------------|---------------|--|--|--|--|
| | | | | | | | Water | Soil | Vapor | TPHg 8015B | BTEX 8260B | MTBE 8260B | Oxygenates 8260B | Ethanol 8260B | | | | |
| 1 QCBB | 4/1/09 | 1433 | | | HCl | 2 VOAs | X | | | H | O | L | D | | | | | |
| 2 MW9A | | 1205 | | | HCl | 6 VOAs | X | | | X | X | X | X | X | | | | |
| 3 MW9B | | 1130 | | | HCl | 6 VOAs | X | | | X | X | X | X | | | | | |
| 4 MW9C | | 1217 | | | HCl | 6 VOAs | X | | | X | X | X | X | | | | | |
| 5 MW9D | | 1145 | | | HCl | 6 VOAs | X | | | X | X | X | X | | | | | |
| MW9F (Not Sampled) | | | | | HCl | 6 VOAs | X | | | X | X | X | X | | | | | |
| MW9G (Not Sampled) | | | | | HCl | 6 VOAs | X | | | X | X | X | X | | | | | |
| MW9H (Not Sampled) | | | | | HCl | 6 VOAs | X | | | X | X | X | X | | | | | |
| 6 MW9I | 4/1/09 | 1120 | | | HCl | 6 VOAs | X | | | X | X | X | X | X | | | | |

Relinquished by: ISAAC INGRAM Date 4/1/09 Time 1438
 Received by: Tom O'Malley GEL Time 1448 4/2/09
 Relinquished by: *[Signature]* Date 4-2-09 Time 1730
 Received by: *[Signature]* Time 1030 4/3/09

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

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: EOT

DATE: 4/3/09

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen)

Temperature 2.1 °C - 0.2°C (CF) = 1.9 °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: WB

CUSTODY SEALS INTACT:

- Cooler _____ No (Not Intact) Not Present N/A
- Sample _____ No (Not Intact) Not Present

Initial: WB

Initial: BF

SAMPLE CONDITION:

| | Yes | No | N/A |
|--|-------------------------------------|--------------------------|-------------------------------------|
| Chain-Of-Custody (COC) document(s) received with samples..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| COC document(s) received complete..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Collection date/time, matrix, and/or # of containers logged in based on sample labels. | | | |
| <input type="checkbox"/> COC not relinquished. <input type="checkbox"/> No date relinquished. <input type="checkbox"/> No time relinquished. | | | |
| Sampler's name indicated on COC..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Sample container label(s) consistent with COC..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Sample container(s) intact and good condition..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Correct containers and volume for analyses requested..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Analyses received within holding time..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Proper preservation noted on COC or sample container..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Unpreserved vials received for Volatiles analysis | | | |
| Volatile analysis container(s) free of headspace..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Tedlar bag(s) free of condensation..... | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

CONTAINER TYPE:

Solid: 4ozCGJ 8ozCGJ 16ozCGJ Sleeve EnCores® TerraCores® _____

Water: VOA VOAh VOAna₂ 125AGB 125AGBh 125AGBp 1AGB 1AGBna₂ 1AGBs

500AGB 500AGJ 500AGJs 250AGB 250CGB 250CGBs 1PB 500PB 500PBna

250PB 250PBn 125PB 125PBzanna 100PBsterile 100PBna₂ _____ _____ _____

Air: Tedlar® Summa® _____ **Sludge/Other:** _____ **Checked/Labeled by:** BF

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar (Wide-mouth) B: Bottle (Narrow-mouth) **Reviewed by:** WB

Preservative: h: HCL n: HNO₃ na₂: Na₂S₂O₃ Na: NaOH p: H₃PO₄ s: H₂SO₄ zanna: ZnAc₂+NaOH **Scanned by:** BF

APPENDIX C

FIELD DATA SHEETS



DAILY FIELD REPORT

Environmental Resolutions, Inc.

PROJECT: 70238 JOB # + ACTIVITY: 2293 BX
SUBJECT: QM DATE: 4/1/09
EQUIPMENT USED: - SHEET: 1 OF 1
NAME: ISAAC INGRAM PROJECT MNGR: PAULA

ONSITE 0730

START 0735

OPENED WELLS MW91, MW9B, MW9D, MW9A, MW9C

DRO WELLS MW91, MW9B, MW9D, MW9A, MW9C

PURGED WELLS MW91, MW9B, MW9D, MW9A, MW9C

MW9D WENT DRY AFTER 15 GAL PURGED H₂O

SAMPLED ALL WELLS

TOTAL PURGED H₂O 51.0 GAL

TOTAL DROWN H₂O 15.0 GAL

TOTAL H₂O 66.0 GAL

OFFSITE 1310

APPENDIX D

WASTE DISPOSAL DOCUMENTATION

NON-HAZARDOUS WASTE MANIFEST Q092

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. EM-70238 | 2. Page 1 of 1 |
| 3. Generator's Name and Mailing Address EM-70238 2200 East 12th St. Oakland, CA. | | ERI # 2293. | | | |
| 4. Generator's Phone () | | | | | |
| 5. Transporter 1 Company Name ERI | | 6. US EPA ID Number | | A. State Transporter's ID | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | B. Transporter 1 Phone (707) 766-2024. | |
| 9. Designated Facility Name and Site Address Instrat. 1105 C Airport Rd. Rio Vista, CA. | | 10. US EPA ID Number 1CAR000150599 | | C. State Transporter's ID | |
| | | | | D. Transporter 2 Phone | |
| | | | | E. State Facility's ID | |
| | | | | F. Facility's Phone (707) 374-3834 | |
| 11. WASTE DESCRIPTION | | | 12. Containers | | 13. Total Quantity |
| | | | No. | Type | 14. Unit Wt./Vol. |
| a. Non-Haz Purge water. | | | 1 | poly. | 66 GAL. |
| b. | | | | | |
| c. | | | | | |
| d. | | | | | |
| G. Additional Descriptions for Materials Listed Above Colors - Rust Odors - Ø Solids - Ø | | | H. Handling Codes for Wastes Listed Above | | |
| 15. Special Handling Instructions and Additional Information | | | | | |
| 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 |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | |
| Printed/Typed Name Jose Salgado | | | Signature | | Date |
| | | | | | Month Day Year 4/10/09 |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | |
| Printed/Typed Name | | | Signature | | Date |
| | | | | | Month Day Year |
| 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. | | | | | |
| Printed/Typed Name Instrat Matt Bekler | | | Signature Matt Bekler | | Date |
| | | | | | Month Day Year 4/10/09 |

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

