

**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**

July 9, 2012

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

**RECEIVED**

**3:59 pm, Jul 24, 2012**

Alameda County  
Environmental Health

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

Dear Ms. Jakub:

Attached for your review and comment is a copy of the letter report entitled *Groundwater Monitoring Report, Second Quarter 2012*, dated July 9, 2012, for the above-referenced site. The report was prepared by Cardno ERI of Petaluma, California, and details 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: Cardno ERI's *Groundwater Monitoring Report, Second Quarter 2012*, dated July 9, 2012

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

w/o attachment  
Ms. Rebekah A. Westrup, Cardno ERI



Cardno ERI  
License A/C10-611383

601 N McDowell Boulevard  
Petaluma, CA 94954  
USA

Phone 707 766 2000  
Toll-free 800 382 9105  
Fax 707 789 0414  
www.cardno.com

www.cardnoeri.com

July 9, 2012  
Cardno ERI 2010C.Q122

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

**SUBJECT** Groundwater Monitoring Report, Second Quarter 2012  
Former Exxon Service Station 73006  
720 High Street, Oakland, California

Alameda County RO #491

## INTRODUCTION

At the request of ExxonMobil Environmental Services (EMES), on behalf of Exxon Mobil Corporation, Cardno ERI prepared this report detailing second quarter 2012 groundwater monitoring and sampling activities at the subject site. Relevant plates, tables, and appendices are included at the end of this report. Currently, the site operates as a service station.

## GROUNDWATER MONITORING AND SAMPLING SUMMARY

|                                   |  |
|-----------------------------------|--|
| <b>Gauging and sampling date:</b> | 04/25/12   |
| <b>Wells gauged and sampled:</b>  | MW2, MW3, MW6, MW14, MW16A, MW16B,<br>MW17A, MW17B, MW18A, MW18B, MW19A,<br>MW19B  |
| <b>Well gauged only:</b>          |  |
| <b>Laboratory:</b>                | Calscience Environmental Laboratories, Inc.<br>Garden Grove, California  |
| <b>Analyses performed:</b>        | EPA 8015B TPHd, TPHg<br>EPA 8015B(M) TPH Carbon Range<br>EPA 8021B BTEX<br>EPA 8260B MTBE, ETBE, TAME, TBA, EDB, 1,2-DCA, DIPE,<br>Ethanol |
| <b>Waste disposal:</b>            | 299 gallons of purge and decon water delivered<br>to InStrat, Inc., of Rio Vista, California, on<br>05/03/12                               |

July 9, 2012

Cardno ERI 2010C.Q122 Former Exxon Service Station 73006, Oakland, California

## REMEDIAL SYSTEM SUMMARY

EMES remedial efforts at the site have included excavation, product bailing, groundwater extraction, vapor extraction, air sparging, and biosparging.

In 1989, approximately 27 gallons of NAPL were removed from on-site wells. In 1993, petrotraps were installed in wells MW2, MW4, and MW6; 6.3 gallons of NAPL were removed. A GWPTS operated from January 1995 to December 1998, an AS/SVE system operated from August 1996 to July 1999, and a bio-sparge system operated from July 2001 to June 2003. Approximately 10 pounds of TPHg and 3 pounds of benzene were removed by the GWPTS. Approximately 5,144 pounds of TPHg and 61 pounds of benzene were removed by the AS/SVE system.

## DISCUSSION

Sheen was observed while gauging wells MW3 and MW14 during the second quarter monitoring and sampling event. Sheen has not been reported in well MW14 since 1994. The dissolved-phase hydrocarbons reported from well MW14 are consistent with recent historical data and do not indicate the presence of NAPL. The dissolved-phase hydrocarbon concentrations reported from well MW3 are not consistent with historical site data. The TPHg concentration reported from well MW3 (3,200,000 µg/L) is three orders of magnitude greater than any concentrations reported during the monitoring and sampling program.

In addition to the sheen observed during the gauging of well MW3, NAPL was observed while sampling indicating that the purging process may have mobilized NAPL from beneath the site. A sample of the NAPL was submitted to Calscience Environmental Laboratories for carbon range analysis (Table 1C). The results of the carbon range analysis are not consistent with previous carbon range analyses performed on samples collected from well MW3. As compared to the April 2011 results, the current carbon range results are distributed over a larger range. The April 2011 results were distributed from approximately C9 through C22 while the April 2012 results are distributed from approximately C6 through C28. Previous carbon range analysis and analytical data indicated that the results reported from well MW3 were most consistent with diesel fuel; however, the current results are an unresolved mixture of hydrocarbons consistent with neither diesel nor gasoline. Concentrations of BTEX compounds have not been reported from well MW3 since April 2009.

The dissolved-phase concentrations reported from the remaining wells are consistent with recent site data.

The groundwater flow direction in the shallow zone was towards the west-southwest; the groundwater flow direction in the deep zone was towards the northwest.

## CONCLUSIONS

Elevated concentrations of TPHg were reported from well MW3 (3,200,000 µg/L) which is not consistent with historical data. NAPL collected from well MW3 spans from approximately C6 to C28 and is not consistent with neither gasoline nor diesel fuel. Concentrations of BTEX compounds have not been reported above the laboratory reporting limit in well MW3 since 2009.

The groundwater flow and dissolved-phase hydrocarbon concentrations reported from the remaining wells are consistent with recent site data.

## RECOMMENDATIONS

Cardno ERI recommends continued semi-annual monitoring and sampling and performing specialized analysis of NAPL from well MW3 if present to identify the unresolved hydrocarbon mixture in the well.

July 9, 2012

Cardno ERI 2010C.Q122 Former Exxon Service Station 73006, Oakland, California

## LIMITATIONS

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

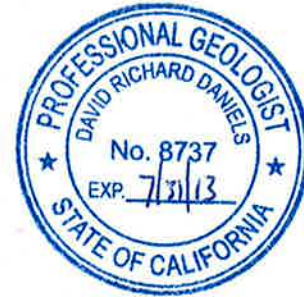
This document was prepared in accordance with generally accepted standards of environmental, geological, and engineering practices in California at the time of investigation. No soil engineering or geotechnical references are implied or should be inferred. The evaluation of the geologic conditions at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

Please contact Ms. Rebekah A. Westrup, Cardno ERI's project manager for this site, at [rebekah.westrup@cardno.com](mailto:rebekah.westrup@cardno.com) or at (707) 766-2000 with any questions regarding this report.

Sincerely,

SCANNED  
IMAGE  
*Jennifer Lacy*

SCANNED  
IMAGE  
*David R. Daniels*



Jennifer L. Lacy  
Senior Staff Scientist  
for Cardno ERI  
707 766 2000  
Email: [jennifer.lacy@cardno.com](mailto:jennifer.lacy@cardno.com)

David R. Daniels  
P.G. 8737  
for Cardno ERI  
707 766 2000  
Email: [david.daniels@cardno.com](mailto:david.daniels@cardno.com)

- cc: Ms. Barbara Jakub, P.G., Alameda County Health Care Services Agency, Department of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, California, 94502-6577
- Mr. Mo Mashoon, Mash Petroleum, 428 13th Street, 10th Floor, Oakland, California, 94612
- Mr. Mansour Sepehr, Ph.D., P.E., SOMA Environmental Engineering, Incorporated, 6620 Owens Drive, Suite A, Pleasanton, California, 94588
- Mr. Victor Chu, Property Owner, 3915 Forest Hill Avenue, Oakland, California, 94602

July 9, 2012

Cardno ERI 2010C.Q122 Former Exxon Service Station 73006, Oakland, California

Enclosures:

Acronym List

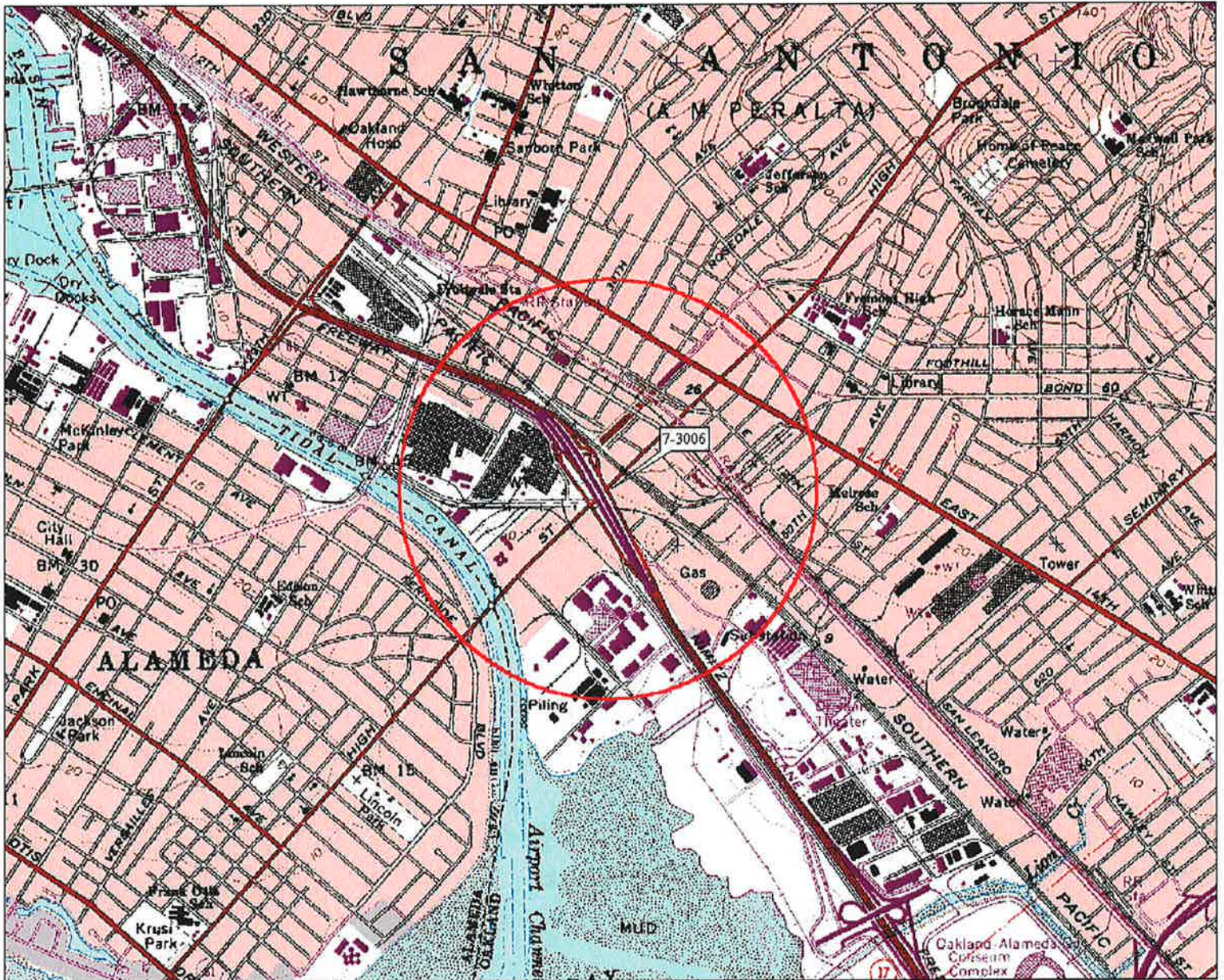
|            |  |
|------------|--|
| Plate 1    | Site Vicinity Map  |
| Plate 2    | Select Analytical Results                                      |
| Plate 3    | Groundwater Elevation Map, Shallow water-Bearing Zone          |
| Plate 4    | Groundwater Elevation Map, Deep Water-Bearing Zone   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

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**ACRONYM LIST**

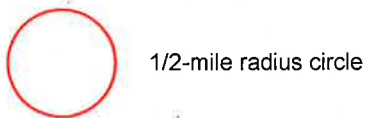
|                   |   |       |  |
|-------------------|---|-------|--|
| µg/L              | Micrograms per liter                              | NEPA  | National Environmental Policy Act                |
| µs                | Microsiemens                                      | NGVD  | National Geodetic 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 <sup>3</sup> | 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                          |       |  |



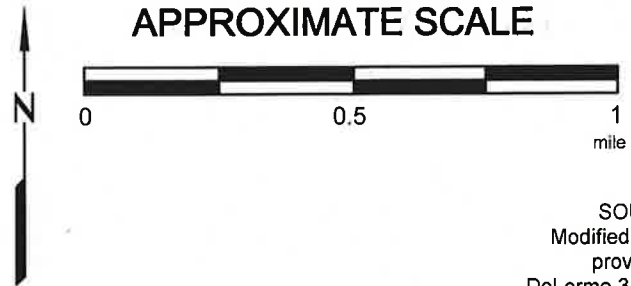
3-D TopoQuads Copyright © 1999 DeLorme Yermoland, ME 04094 Source Data: USGS 550 Ft. Scale: 1:19,200 Detail: 1:4 Datum: WGS84

FN 2010

**EXPLANATION**



**APPROXIMATE SCALE**



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



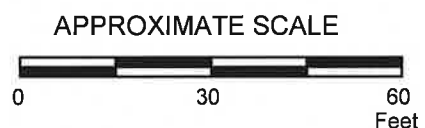
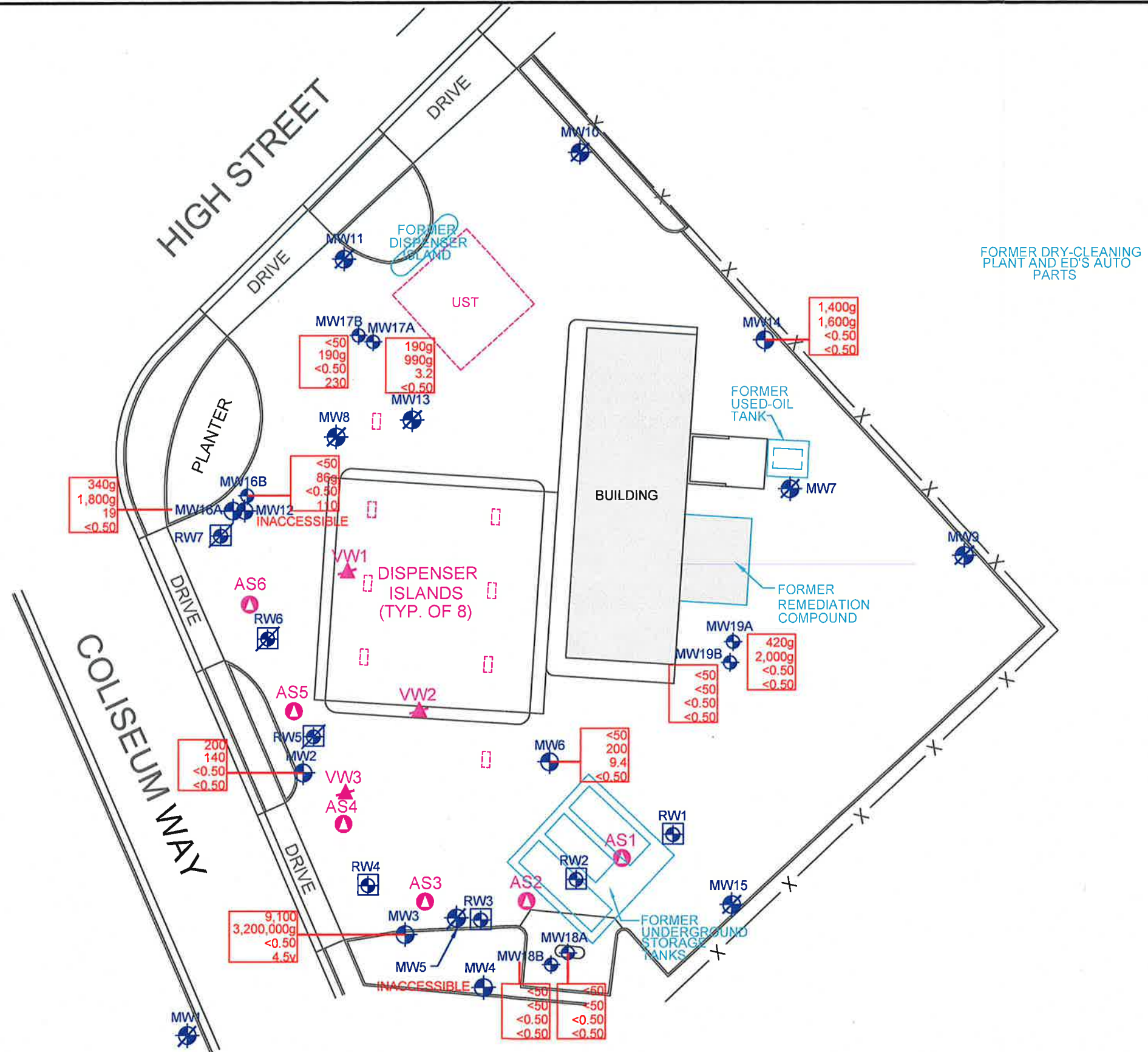
**SITE VICINITY MAP**  
FORMER EXXON SERVICE STATION 73006  
720 High Street  
Oakland, California

PROJECT NO.  
2010  
PLATE  
1

Analyte Concentrations in ug/L  
 Sampled April 25, 2012

Total Petroleum Hydrocarbons as diesel  
 Total Petroleum Hydrocarbons as gasoline  
 Benzene  
 Methyl Tertiary Butyl Ether

- < Less Than the Stated Laboratory Reporting Limit
- ug/L Micrograms per Liter
- g Hydrocarbon pattern is not consistent with that of the specified standard.
- v Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.



FN 2010 12 2QTR\_QM

SOURCE: Modified from a map provided by Morrow Surveying



**SELECT ANALYTICAL RESULTS**  
 April 25, 2012  
 FORMER  
 EXXON SERVICE STATION 73006  
 720 High Street  
 Oakland, California

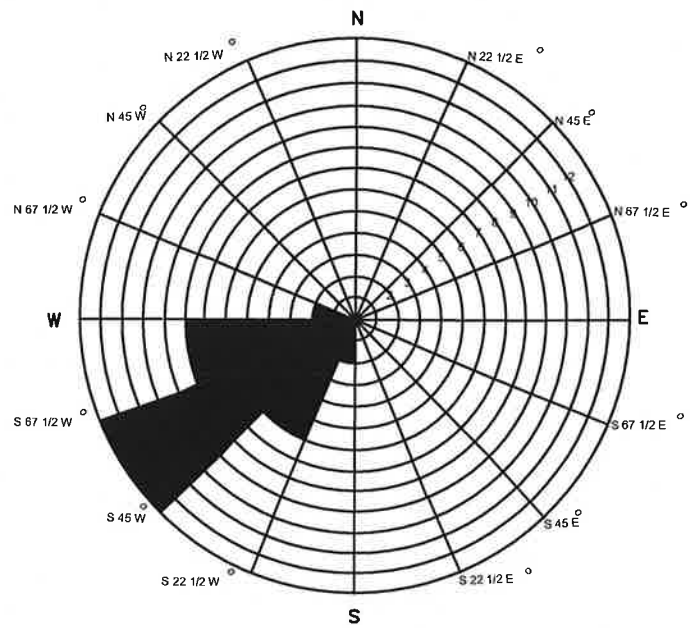
**EXPLANATION**

- MW19B Groundwater Monitoring Well
- RW4 Recovery Well
- AS6 Air Sparge Well

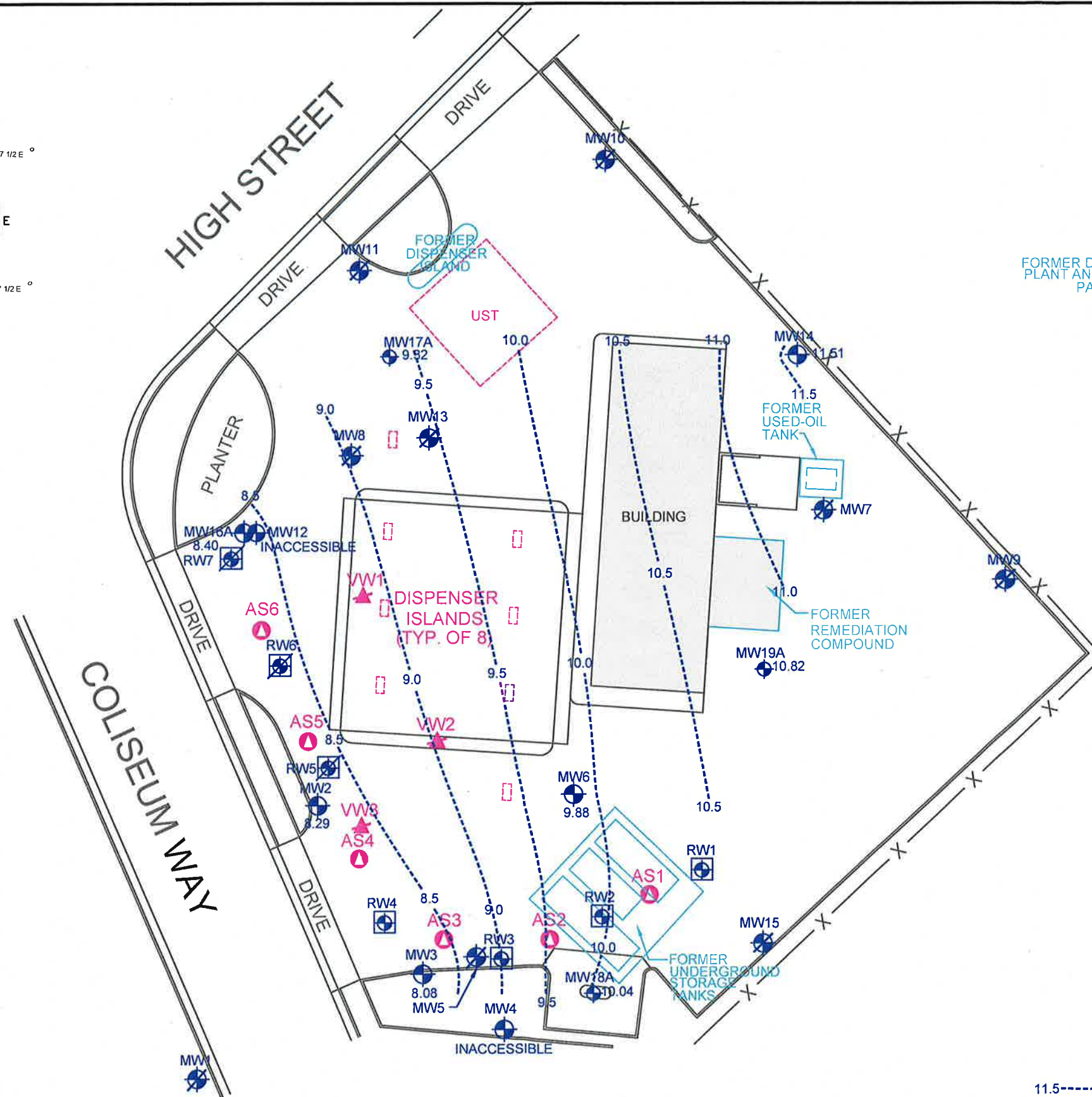
- VW3 Destroyed Soil Vapor Extraction Well
- RW7 Destroyed Recovery Well
- MW15 Destroyed Groundwater Monitoring Well

PROJECT NO.  
 2010  
 PLATE  
 2

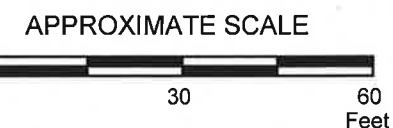




GROUNDWATER FLOW DIRECTION  
ROSE DIAGRAM  
March 11, 2003 through April 25, 2012



FORMER DRY-CLEANING  
PLANT AND ED'S AUTO  
PARTS



FN 2010 12 2QTR\_QM

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

SOURCE: Modified  
from a map provided  
by Morrow Surveying



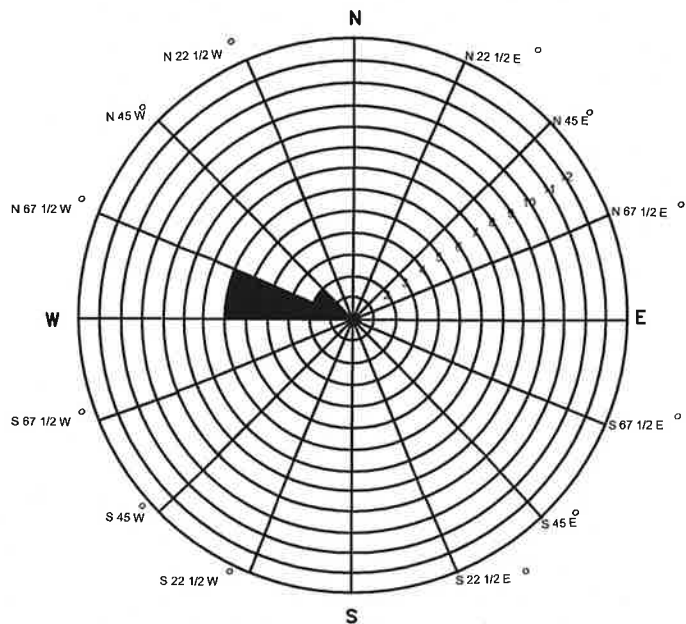
GROUNDWATER ELEVATION MAP  
SHALLOW WATER-BEARING ZONE  
April 25, 2012  
FORMER  
EXXON SERVICE STATION 73006  
720 High Street  
Oakland, California

EXPLANATION

- MW19A Groundwater Monitoring Well
- 10.82 Groundwater elevation in feet; datum is mean sea level
- RW4 Recovery Well
- AS6 Air Sparge Well

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

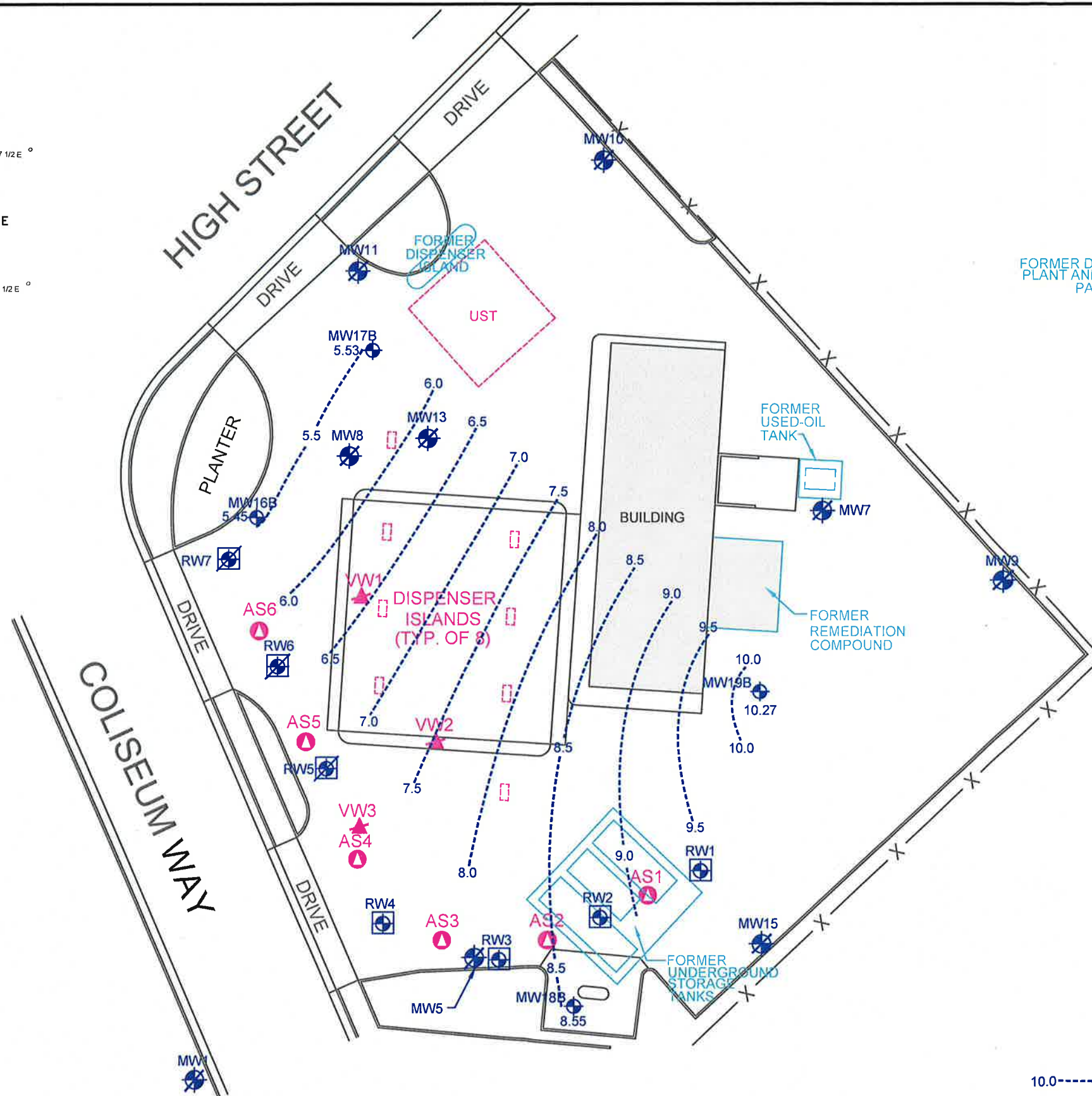
PROJECT NO.  
2010  
PLATE  
3



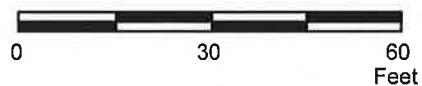
GROUNDWATER FLOW DIRECTION  
ROSE DIAGRAM  
October 1, 2009 through April 25, 2012

**NOTE:**

Groundwater flow direction measured upgradient from well MW16B.



APPROXIMATE SCALE



FN 2010 12 2QTR\_QM

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

SOURCE: Modified from a map provided by Morrow Surveying

GROUNDWATER ELEVATION MAP  
DEEP WATER BEARING ZONE  
April 25, 2012  
FORMER  
EXXON SERVICE STATION 73006  
720 High Street  
Oakland, California

**EXPLANATION**

- MW19B Groundwater Monitoring Well
- 10.27 Groundwater elevation in feet; datum is mean sea level
- RW4 Recovery Well
- AS6 Air Sparge Well

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

PROJECT NO.  
2010  
PLATE  
4



**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID                        | Sampling Date     | Depth (feet) | TOC Elev. (feet) | Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |  |
|--------------------------------|-------------------|--------------|------------------|--------------|------------|-----------------|-------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|--|
| <b>Monitoring Well Samples</b> |                   |              |                  |              |            |                 |             |             |             |                   |                   |          |          |          |          |  |
| MW1                            | Prior to 04/25/89 | ---          | Well installed.  |              |            |                 |             |             |             |                   |                   |          |          |          |          |  |
| MW1                            | May 1988          | ---          | 12.87            | ---          | ---        | ---             | ---         | 25          | ---         | ---               | ---               | 240      | 90       | 5        | 25       |  |
| MW1                            | 04/25/89          | ---          | 12.87            | 7.55         | 5.32       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW1                            | 04/27/89          | ---          | 12.87            | 10.16        | 2.71       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW1                            | 09/06/89          | ---          | 12.87            | 10.88        | 1.99       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW1                            | 09/22/89          | ---          | 12.87            | 11.06        | 1.81       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW1                            | 11/01/89          | ---          | 12.87            | 10.82        | 2.05       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW1                            | 11/15/89          | ---          | 12.87            | 11.07        | 1.80       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW1                            | 12/06/89          | ---          | 12.87            | 10.33        | 2.54       | No              | 240         | 630         | ---         | ---               | ---               | 12       | 5.6      | 3.7      | 25       |  |
| MW1                            | 02/20/90          | ---          | 12.87            | 8.81         | 4.06       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW1                            | 04/19/90          | ---          | 12.87            | 9.33         | 3.54       | No              | <100        | <20         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |  |
| MW1                            | 07/03/90          | ---          | 12.87            | 8.44         | 4.43       | No              | 160         | 130         | ---         | ---               | ---               | 6        | <0.5     | <0.5     | <0.5     |  |
| MW1                            | 07/26/90          | ---          | 12.87            | 8.99         | 3.88       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW1                            | 08/20/90          | ---          | 12.87            | 9.50         | 3.37       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW1                            | 09/19/90          | ---          | 12.87            | 9.99         | 2.88       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW1                            | 11/27/90          | ---          | 12.87            | 10.62        | 2.25       | No              | <100        | <50         | ---         | ---               | ---               | 0.7      | <0.5     | <0.5     | <0.5     |  |
| MW1                            | 01/17/91          | ---          | 12.87            | 10.31        | 2.56       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW1                            | 03/26/91          | ---          | 12.87            | 7.79         | 5.08       | No              | <100        | <50         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |  |
| MW1                            | 05/02/91          | ---          | 12.87            | 8.88         | 3.99       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW1                            | 06/20/91          | ---          | 12.87            | 9.62         | 3.25       | No              | <100        | <50         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |  |
| MW1                            | 08/07/91          | ---          | 12.87            | 10.20        | 2.67       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW1                            | 09/17/91          | ---          | 12.87            | 10.40        | 2.47       | No              | ---         | <50         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |  |
| MW1                            | 11/13/91          | ---          | 12.87            | 10.20        | 2.67       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW1                            | 12/10/91          | ---          | 12.87            | 10.23        | 2.64       | No              | <50         | <50         | ---         | ---               | ---               | 1.5      | <0.5     | <0.5     | <0.5     |  |
| MW1                            | 01/21/92          | ---          | 12.87            | 9.32         | 3.55       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW1                            | 03/25/92          | ---          | 12.87            | 9.30         | 3.57       | No              | <50         | ---         | ---         | ---               | ---               | 1.5      | <0.5     | <0.5     | <0.5     |  |
| MW1                            | 06/22/92          | ---          | 12.87            | 8.46         | 4.41       | No              | 75          | 110         | ---         | ---               | ---               | 4.9      | 7.9      | 3.7      | 21       |  |
| MW1                            | 09/24/92          | ---          | 12.87            | 9.61         | 3.26       | No              | <50         | <50         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |  |
| MW1                            | 10/14/92          | ---          | 12.87            | 9.85         | 3.02       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW1                            | 11/16/92          | ---          | 12.87            | 9.65         | 3.22       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW1                            | 12/08/92          | ---          | 12.87            | 9.30         | 3.57       | No              | 51          | 170         | ---         | ---               | ---               | 10       | <0.5     | <0.5     | 0.6      |  |
| MW1                            | 01/27/93          | ---          | 12.87            | 6.13         | 6.74       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW1                            | 02/18/93          | ---          | 12.87            | 6.07         | 6.80       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW1                            | 03/10/93          | ---          | 12.87            | 6.12         | 6.75       | No              | 140         | <50         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |  |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date       | Depth (feet) | TOC (feet) | Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------------|--------------|------------|--------------|------------|-----------------|-------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW1     | 04/06/93            | ---          | 12.87      | 5.84         | 7.03       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW1     | 05/28/93            | ---          | 12.87      | 7.27         | 5.60       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW1     | 06/10/93            | ---          | 12.87      | 7.40         | 5.47       | No              | <100        | <50         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 07/17/93            | ---          | 12.87      | 8.08         | 4.79       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW1     | 08/11/93            | ---          | 12.87      | 8.54         | 4.33       | No              | <50p        | <50         | ---         | ---               | ---               | <0.5/<50 | <0.5/<50 | <0.5/<50 | <0.5/<50 |
| MW1     | 09/01/93            | ---          | 12.87      | 8.80         | 4.07       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW1     | 10/26/93            | ---          | 12.87      | 9.41         | 3.46       | No              | <50         | <50         | ---         | <0.5              | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 11/12/93            | ---          | 12.87      | 9.48         | 3.39       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW1     | 12/27/93            | ---          | 12.87      | 8.62         | 4.25       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW1     | 01/20/94            | ---          | 12.87      | 9.25         | 3.62       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW1     | 02/02/94 - 02/03/94 | ---          | 12.87      | 8.60         | 4.27       | No              | 70          | <50         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | 0.7      |
| MW1     | 03/10/94            | ---          | 12.87      | 8.31         | 4.56       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW1     | 04/22/94            | ---          | 12.87      | 7.95         | 4.92       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW1     | 05/10/94 - 05/11/94 | ---          | 12.87      | 7.48         | 5.39       | No              | 100         | <50         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | 1.6      |
| MW1     | 06/27/94            | ---          | 12.87      | 7.65         | 5.22       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW1     | 08/31/94            | ---          | 12.87      | 9.39         | 3.48       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW1     | 09/29/94            | ---          | 12.87      | 9.83         | 3.04       | No              | <50         | <50         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 10/25/94            | ---          | 12.87      | 10.19        | 2.68       | No              | ---         | <50         | <50         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 11/30/94            | ---          | 12.87      | 8.97         | 3.90       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW1     | 12/27/94            | ---          | 12.87      | 7.44         | 5.43       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW1     | 02/06/95            | ---          | 12.87      | 5.71         | 7.16       | No              | ---         | <50         | 100         | ---               | ---               | 0.52     | <0.5     | <0.5     | <0.5     |
| MW1     | 06/07/95            | ---          | 12.87      | 7.62         | 5.25       | No              | 81          | <50         | 3.5         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 09/18/95            | ---          | 12.87      | 10.02        | 2.85       | No              | 82          | <50         | 6           | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 11/01/95            | ---          | 12.87      | 10.74        | 2.13       | No              | 160         | <50         | 8.9         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 02/14/96            | ---          | 12.87      | 7.81         | 5.06       | No              | 100         | <50         | 7.8         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 06/19/96            | ---          | 12.87      | 7.47         | 5.40       | No              | 93          | <50         | 7.1         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 09/24/96            | ---          | 12.87      | 10.42        | 2.45       | No              | 83          | <50         | 9.5         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 12/11/96            | ---          | 12.87      | 8.50         | 4.37       | No              | 81          | <50         | 7.2         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 03/19/97            | ---          | 12.87      | 9.14         | 3.73       | No              | 78          | <50         | 6.4         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 06/04/97            | ---          | 12.87      | 9.82         | 3.05       | No              | 58          | <50         | 6.0         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 09/02/97            | ---          | 12.87      | 10.26        | 2.61       | No              | 150         | <50         | 5.4         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 12/02/97            | ---          | 12.87      | 9.32         | 3.55       | No              | 88          | <50         | 5.1         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 03/24/98            | ---          | 12.87      | 6.44         | 6.43       | No              | 58          | <50         | 5.6         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 06/23/98            | ---          | 12.87      | 9.23         | 3.64       | No              | 84          | <50         | 3.8         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 09/29/98            | ---          | 12.87      | 9.91         | 2.96       | No              | 61          | <50         | 2.6         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 12/30/98            | ---          | 12.87      | 9.21         | 3.66       | No              | 80          | <50         | 4.1         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 03/24/99            | ---          | 12.87      | 5.53         | 7.34       | No              | 64.3        | <50         | 4.95        | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 06/22/99            | ---          | 12.87      | 7.39         | 5.48       | No              | 83.5        | <50         | 3.70        | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | Elev. (feet)   | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------|--------------|------------------|--|------------|-----------------|-------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW1     | 09/29/99      | ---          | 12.87            | 8.90   | 3.97       | No              | 52.9        | <50         | 4.81        | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 12/21/99      | ---          | 12.87            | 8.94   | 3.93       | No              | 60          | <50         | 10          | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 03/21/00      | ---          | 12.87            | 5.34   | 7.53       | No              | ---         | <50         | 4.5         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 03/30/01      | ---          | 12.87            | 5.29   | 7.58       | No              | 79          | <50         | ---         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 11/01/01      | ---          | 12.79            | Well surveyed in compliance with AB 2886 requirements. |            |                 |             |             |             |                   |                   |          |          |          |          |
| MW1     | 03/11/02 k    | ---          | 12.79            | 5.39   | 7.40       | No              | <50.0       | 116         | 110         | 160               | 1.10              | <0.50    | <0.50    | <0.50    | <0.50    |
| MW1     | 03/11/03      | ---          | 12.79            | 6.63   | 6.16       | No              | <50         | 153         | 188         | 179               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 03/26/04      | ---          | 12.79            | 6.18   | 6.61       | No              | 74g         | <50.0       | ---         | 171               | <0.50             | 0.5      | <0.5     | <0.5     | <0.5     |
| MW1     | 11/02/04      | ---          | 12.79            | 6.44   | 6.35       | No              | 75g         | 145         | ---         | 137               | 0.50              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 02/04/05      | ---          | 12.79            | 5.01   | 7.78       | No              | 158g        | 132         | ---         | 120               | <0.50             | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 05/02/05      | ---          | 12.79            | 4.66   | 8.13       | No              | 386g        | 131         | ---         | 138               | <0.50             | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 08/01/05      | ---          | 12.79            | 5.51   | 7.28       | No              | 129g        | 89.8        | ---         | 98.4              | 0.70              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW1     | 10/25/05      | ---          | 12.79            | 5.54   | 7.25       | No              | <50.0       | 67.2        | ---         | 84.1              | <0.50             | <0.50    | <0.50    | <0.50    | <0.50    |
| MW1     | 01/24/06      | ---          | 12.79            | 4.07   | 8.72       | No              | <50         | 71          | ---         | 91                | <0.50             | <0.50    | <0.50    | <0.50    | <0.50    |
| MW1     | 04/28/06      | ---          | 12.79            | 4.01   | 8.78       | No              | <47         | 80 l        | ---         | 92n               | <0.50n            | <0.50    | <0.50    | <0.50    | <0.50    |
| MW1     | 08/04/06      | ---          | 12.79            | 4.78   | 8.01       | No              | 159         | 70.9        | ---         | 71.0              | <0.50             | <0.50    | <0.50    | <0.50    | <0.50    |
| MW1     | 10/06/06      | ---          | 12.79            | 7.02   | 5.77       | No              | <47         | 70 l        | ---         | 98                | <0.50             | <0.50    | <0.50    | <0.50    | <0.50    |
| MW1     | 01/12/07      | ---          | 12.79            | Well inaccessible.                                     |            |                 |             |             |             |                   |                   |          |          |          |          |
| MW1     | 03/26/07      | ---          | Well destroyed.  |  |            |                 |             |             |             |                   |                   |          |          |          |          |
| MW2     | 09/10/87      | ---          | Well installed.  |  |            |                 |             |             |             |                   |                   |          |          |          |          |
| MW2     | Sept 1987     | ---          | 12.98            | ---  | ---        | ---             | ---         | 1,445       | ---         | ---               | ---               | 233      | 810      | 56       | 209      |
| MW2     | May 1988      | ---          | 12.98            | ---  | ---        | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 04/25/89      | ---          | 12.98            | 9.27   | 5.44       | 2.16            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 07/19/89      | ---          | 12.98            | 10.81  | 3.42       | 1.56            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 07/27/89      | ---          | 12.98            | 10.18  | 2.90       | 0.13            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 09/06/89      | ---          | 12.98            | 10.89  | 2.16       | 0.09            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 09/22/89      | ---          | 12.98            | 11.56  | 1.87       | 0.56            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 11/01/89      | ---          | 12.98            | 10.85  | 2.20       | 0.09            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 11/15/89      | ---          | 12.98            | 11.05  | 1.99       | 0.07            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 12/06/89      | ---          | 12.98            | 10.23  | 2.85       | 0.13            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 02/20/90      | ---          | 12.98            | 8.86   | 4.35       | 0.29            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 04/19/90      | ---          | 12.98            | 9.09   | 3.97       | 0.10            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 07/03/90      | ---          | 12.98            | 8.75   | 4.27       | 0.05            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 07/26/90      | ---          | 12.98            | 8.71   | 4.35       | 0.10            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 08/20/90      | ---          | 12.98            | 9.25   | 3.75       | 0.02            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 09/19/90      | ---          | 12.98            | 9.79   | 3.21       | 0.02            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 11/27/90      | ---          | 12.98            | 10.40  | 2.64       | 0.07            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date       | Depth (feet) | TOC Elev. (feet) | Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------------|--------------|------------------|--------------|------------|-----------------|-------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW2     | 01/17/91            | ---          | 12.98            | 10.03        | 2.99       | 0.05            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 03/26/91            | ---          | 12.98            | 8.98         | 4.06       | 0.08            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 05/02/91            | ---          | 12.98            | 8.73         | 4.27       | 0.02            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 06/20/91            | ---          | 12.98            | 9.11         | 3.89       | 0.02            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 08/07/91            | ---          | 12.98            | 10.00        | 3.01       | 0.04            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 09/17/91            | ---          | 12.98            | 10.11        | 2.89       | 0.02            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 11/13/91            | ---          | 12.98            | 9.88         | 3.12       | 0.02            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 12/10/91            | ---          | 12.98            | 9.02         | 3.98       | 0.03            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 01/21/92            | ---          | 12.98            | 9.08         | 3.92       | 0.03            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 03/25/92            | ---          | 12.98            | 6.00         | 7.00       | 0.03            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 06/22/92            | ---          | 12.98            | 8.46         | 4.53       | 0.01[1/2 c.]    | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 09/24/92            | ---          | 12.98            | 9.08         | 3.90       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 10/14/92            | ---          | 12.98            | 9.34         | 3.66       | 0.02[1/2 c.]    | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 11/16/92            | ---          | 12.98            | 9.16         | 3.84       | 0.02 [1/2 c.]   | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 12/08/92            | ---          | 12.98            | 8.93         | 4.07       | 0.02[1/2 c.]    | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 01/27/93            | ---          | 12.98            | 5.76         | 7.22       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 02/18/93            | ---          | 12.98            | 4.21         | 8.78       | 0.01            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 03/10/93            | ---          | 12.98            | 6.75         | 6.23       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 04/06/93            | ---          | 12.98            | 5.37         | 7.61       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 05/28/93            | ---          | 12.98            | ---          | ---        | [2 c.]          | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 06/10/93            | ---          | 12.98            | ---          | ---        | [1/2 c.]        | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 07/17/93            | ---          | 12.98            | ---          | ---        | [2 c.]          | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 08/11/93            | ---          | 12.98            | ---          | ---        | [1/2 c.]        | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 09/01/93            | ---          | 12.98            | ---          | ---        | [1/2 c.]        | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 10/26/93            | ---          | 12.98            | ---          | ---        | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 11/12/93            | ---          | 12.98            | ---          | ---        | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 12/27/93            | ---          | 12.98            | ---          | ---        | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 01/20/94            | ---          | 12.98            | ---          | ---        | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 02/02/94 - 02/03/94 | ---          | 12.98            | ---          | ---        | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 03/10/94            | ---          | 12.98            | 6.96         | 6.29       | [8 c.]          | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 04/22/94            | ---          | 12.98            | ---          | ---        | [10 c.]         | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 05/10/94 - 05/11/94 | ---          | 12.98            | ---          | ---        | [5 c.]          | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 06/27/94            | ---          | 12.98            | 7.10         | 5.88       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 08/31/94            | ---          | 12.98            | 8.58         | 4.40       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 09/29/94            | ---          | 12.98            | 9.11         | 3.87       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 10/25/94            | ---          | 12.98            | 7.76         | 5.22       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 11/30/94            | ---          | 12.98            | 7.33         | 5.65       | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 12/27/94            | ---          | 12.98            | 6.77         | 6.21       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | Elev. (feet)   | DW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------|--------------|------------------|--|-----------|-----------------|-------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW2     | 02/06/95      | ---          | 12.98            | 5.00   | 7.98      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 06/07/95      | ---          | 12.98            | 7.14   | 5.84      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 09/18/95      | ---          | 12.98            | 10.82  | 2.16      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 11/01/95      | ---          | 12.98            | 11.65  | 1.33      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 02/14/96      | ---          | 12.98            | 8.39   | 4.59      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 06/19/96      | ---          | 12.98            | 6.55   | 6.43      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 09/24/96      | ---          | 12.98            | 11.56  | 1.42      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 12/11/96      | ---          | 12.98            | 8.02   | 4.96      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 03/19/97      | ---          | 12.98            | 8.63   | 4.35      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 06/04/97      | ---          | 12.98            | 10.57  | 2.41      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 09/02/97      | ---          | 12.98            | 11.51  | 1.47      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW2     | 12/02/97      | ---          | 12.98            | 11.24  | 1.74      | No              | 820         | 1,400       | 57          | ---               | 15                | 2.8      | 8.6      | ---      | <2.5     |
| MW2     | 03/27/98      | ---          | 12.98            | 6.06   | 6.92      | No              | 2,000       | 7,400       | <50         | ---               | 1,400             | 350      | 490      | ---      | 1,500    |
| MW2     | 06/23/98      | ---          | 12.98            | 11.06  | 1.92      | Sheen           | 2,900       | 180         | 9.5         | ---               | 3.2               | 0.55     | 0.92     | ---      | 1.3      |
| MW2     | 09/29/98      | ---          | 12.98            | 10.51  | 2.47      | No              | 180         | 290         | 9.3         | ---               | <0.50             | 0.65     | 1.5      | ---      | 1.5      |
| MW2     | 12/30/98      | ---          | 12.98            | 9.83   | 3.15      | No              | 700         | 520         | 16          | ---               | 17                | 0.96     | 2.6      | ---      | 3.5      |
| MW2     | 03/24/99      | ---          | 12.98            | 4.47   | 8.51      | No              | 1,440       | 14,000      | <40         | ---               | 1,300             | 336      | 786      | ---      | 3,420    |
| MW2     | 06/22/99      | ---          | 12.98            | 6.42   | 6.56      | No              | 2,310       | 1,080       | 25.2        | ---               | 54.3              | 14.9     | 38.8     | ---      | 107      |
| MW2     | 09/29/99      | ---          | 12.98            | 8.00   | 4.98      | No              | 2,720e      | 517         | 15.4        | ---               | 37.5              | 7.48     | 12.9     | ---      | 15.2     |
| MW2     | 12/21/99      | ---          | 12.98            | 8.10   | 4.88      | No              | 6,300       | 3,200       | <2          | ---               | 360               | 5.5      | 120      | ---      | 106      |
| MW2     | 03/21/00      | ---          | 12.98            | Well inaccessible.                                     |           |                 |             |             |             |                   |                   |          |          |          |          |
| MW2     | 03/30/01      | ---          | 12.98            | 3.09   | 9.89      | No              | 510         | 200         | ---         | 110               | 7.2               | <0.5     | 2.4      | ---      | 2.1      |
| MW2     | 11/01/01      | ---          | 13.06            | Well surveyed in compliance with AB 2886 requirements. |           |                 |             |             |             |                   |                   |          |          |          |          |
| MW2     | 03/11/02 k    | ---          | 13.06            | 3.78   | 9.28      | No              | 293         | <1,000      | 62.0        | 30                | <10.0             | <10.0    | <10.0    | ---      | <10.0    |
| MW2     | 03/11/03      | ---          | 13.06            | 5.49   | 7.57      | No              | 422         | 1,490       | 325         | 428               | 279               | 3.0      | 9.8      | ---      | 18.9     |
| MW2     | 03/27/04      | ---          | 13.06            | 4.65   | 8.41      | No              | 184g        | 254         | ---         | 131               | 6.80              | 0.5      | <0.5     | ---      | 1.2      |
| MW2     | 11/02/04      | ---          | 13.06            | 4.43   | 8.63      | No              | 96          | 52.0        | ---         | 8.00              | 1.40              | <0.5     | <0.5     | ---      | <0.5     |
| MW2     | 02/04/05      | ---          | 13.06            | 3.32   | 9.74      | No              | 372g        | 66.0        | ---         | 8.30              | <0.50             | <0.5     | <0.5     | ---      | <0.5     |
| MW2     | 05/02/05      | ---          | 13.06            | 2.74   | 10.32     | No              | 195g        | 84.2        | ---         | 5.30              | <0.50             | <0.5     | <0.5     | ---      | <0.5     |
| MW2     | 08/01/05      | ---          | 13.06            | 2.99   | 10.07     | No              | 344g        | <50.0       | ---         | 1.70              | 0.60              | <0.5     | <0.5     | ---      | <0.5     |
| MW2     | 10/25/05      | ---          | 13.06            | 2.08   | 10.98     | No              | 55.3g       | <50.0       | ---         | 1.22              | <0.50             | <0.50    | <0.50    | ---      | <0.50    |
| MW2     | 01/24/06      | ---          | 13.06            | 2.77   | 10.29     | No              | 170g        | <50         | ---         | 1.6               | <0.50             | <0.50    | <0.50    | ---      | <0.50    |
| MW2     | 04/28/06      | ---          | 13.06            | 1.46   | 11.60     | No              | 6,900m      | <50         | ---         | 1.4n              | 0.99n             | <0.50    | <0.50    | ---      | <0.50    |
| MW2     | 08/04/06      | ---          | 13.06            | 1.52   | 11.54     | No              | 145         | <50.0       | ---         | 0.820             | <0.50             | <0.50    | <0.50    | ---      | <0.50    |
| MW2     | 10/06/06      | ---          | 13.06            | 5.55   | 7.51      | No              | 90g         | <50         | ---         | 2.1               | 0.78              | <0.50    | <0.50    | ---      | <0.50    |
| MW2     | 01/12/07      | ---          | 13.06            | 5.50   | 7.56      | No              | 180g        | 95          | ---         | 7.0               | 7.6               | <0.50    | <0.50    | ---      | <0.50    |
| MW2     | 04/09/07      | ---          | 13.06            | 5.68   | 7.38      | No              | 230g        | 115         | ---         | 8.99              | 1.36j             | <0.50    | <0.50    | ---      | 0.62     |
| MW2     | 08/06/07      | ---          | 13.06            | 6.15   | 6.91      | No              | 160g        | 83          | ---         | 7.4               | 0.65              | <0.50    | <0.50    | ---      | <0.50    |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID    | Sampling Date   | Depth (feet) | TOC Elev. (feet) | Elev. (feet)             | DTW (feet)  | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L)        | T (µg/L)        | E (µg/L)        | X (µg/L)       |
|------------|-----------------|--------------|------------------|--------------------------|-------------|-----------------|-------------|-------------|-------------|-------------------|-------------------|-----------------|-----------------|-----------------|----------------|
| MW2        | 11/15/07        | ---          | 13.06            | 6.71                     | 6.35        | No              |             | 120g        | 140         | ---               | 13                | 22              | <0.50           | <0.50           | <0.50          |
| MW2        | 01/02/08        | ---          | 13.06            | 6.20                     | 6.86        | No              |             | 430j        | 890         | ---               | 25                | 330             | <5.0            | <5.0            | 6.6            |
| MW2        | 04/03/08        | ---          | 13.06            | 5.10                     | 7.96        | No              |             | 230g        | 170         | ---               | 13                | <0.50           | 1.0             | <0.50           | 1.9            |
| MW2        | 07/09/08        | ---          | 13.06            | 6.23                     | 6.83        | No              |             | 350g        | 86          | ---               | 6.4               | <0.50           | <0.50           | <0.50           | <0.50          |
| MW2        | 10/01/08        | ---          | 13.06            | Well covered by asphalt. |             |                 |             |             |             |                   |                   |                 |                 |                 |                |
| MW2        | 01/07/09        | ---          | 13.06            | Well covered by asphalt. |             |                 |             |             |             |                   |                   |                 |                 |                 |                |
| MW2        | 01/16/09        | ---          | 13.06            | 6.99                     | 6.07        | No              |             | 1,100       | 1,000       | ---               | 14                | 290             | 3.6             | 1.2             | 11             |
| MW2        | 04/24/09        | ---          | 13.06            | 5.76                     | 7.30        | No              |             | 310         | 570         | ---               | 6.1               | <0.50           | <0.50           | <0.50           | <1.0           |
| MW2        | 07/01/09        | ---          | 13.06            | 6.37                     | 6.69        | No              |             | 290         | 68          | ---               | 11                | <0.50           | <0.50           | <0.50           | <1.0           |
| MW2        | 10/01/09        | ---          | 13.06            | 6.61                     | 6.45        | No              |             | ---         | ---         | ---               | ---               | ---             | ---             | ---             | ---            |
| MW2        | 03/04/10        | ---          | 13.06            | 3.84                     | 9.22        | No              |             | ---         | ---         | ---               | ---               | ---             | ---             | ---             | ---            |
| MW2        | 05/06/10        | ---          | 13.06            | 4.10                     | 8.96        | No              |             | 680         | 230g        | ---               | 1.8               | <0.50           | <0.50           | <0.50           | <1.0           |
| MW2        | 08/06/10        | ---          | 13.06            | 6.10                     | 6.96        | No              |             | ---         | ---         | ---               | ---               | ---             | ---             | ---             | ---            |
| MW2        | 11/02/10        | ---          | 13.06            | 6.83                     | 6.23        | No              |             | 290         | 240g        | ---               | 4.4               | 15              | <0.50           | <0.50           | <1.0           |
| MW2        | 04/21/11        | ---          | 13.06            | 7.10                     | 5.96        | No              |             | 230         | 120g        | ---               | 1.2               | <0.50           | <0.50           | <0.50           | <1.0           |
| MW2        | 10/18/11        | ---          | 13.06            | 7.51                     | 5.55        | No              |             | 270         | 100g        | ---               | 2.7               | 4.3             | 1.2             | 0.71t           | 3.0            |
| <b>MW2</b> | <b>04/25/12</b> | ---          | <b>13.06</b>     | <b>4.77</b>              | <b>8.29</b> | <b>No</b>       |             | <b>200</b>  | <b>140</b>  | ---               | <b>&lt;0.50</b>   | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;1.0</b> |
| MW3        | 09/10/87        | ---          | Well installed.  |                          |             |                 |             |             |             |                   |                   |                 |                 |                 |                |
| MW3        | Sept 1987       | ---          | 12.92            | ---                      | ---         | ---             |             | 660         | 2,101       | ---               | ---               | 360             | 1,062           | 68              | 298            |
| MW3        | May 1988        | ---          | 12.92            | ---                      | ---         | ---             |             | ---         | 8,700       | ---               | ---               | 3,980           | 280             | 240             | 600            |
| MW3        | 04/25/89        | ---          | 12.92            | 7.57                     | 5.43        | 0.08            |             | ---         | ---         | ---               | ---               | ---             | ---             | ---             | ---            |
| MW3        | 07/19/89        | ---          | 12.92            | 10.33                    | 3.14        | 0.66            |             | ---         | ---         | ---               | ---               | ---             | ---             | ---             | ---            |
| MW3        | 07/27/89        | ---          | 12.92            | Well inaccessible.       |             |                 |             |             |             |                   |                   |                 |                 |                 |                |
| MW3        | 09/06/89        | ---          | 12.92            | 11.22                    | 1.78        | 0.07            |             | ---         | ---         | ---               | ---               | ---             | ---             | ---             | ---            |
| MW3        | 09/22/89        | ---          | 12.92            | 11.38                    | 1.78        | 0.28            |             | ---         | ---         | ---               | ---               | ---             | ---             | ---             | ---            |
| MW3        | 11/01/89        | ---          | 12.92            | 10.90                    | 2.05        | 0.01            |             | ---         | ---         | ---               | ---               | ---             | ---             | ---             | ---            |
| MW3        | 11/15/89        | ---          | 12.92            | 11.18                    | 1.85        | 0.11            |             | ---         | ---         | ---               | ---               | ---             | ---             | ---             | ---            |
| MW3        | 12/06/89        | ---          | 12.92            | 10.29                    | 2.65        | Sheen           |             | ---         | ---         | ---               | ---               | ---             | ---             | ---             | ---            |
| MW3        | 02/20/90        | ---          | 12.92            | 8.73                     | 4.24        | 0.04            |             | ---         | ---         | ---               | ---               | ---             | ---             | ---             | ---            |
| MW3        | 04/19/90        | ---          | 12.92            | 9.20                     | 3.81        | 0.09            |             | ---         | ---         | ---               | ---               | ---             | ---             | ---             | ---            |
| MW3        | 07/03/90        | ---          | 12.92            | 8.50                     | 4.46        | 0.03            |             | ---         | ---         | ---               | ---               | ---             | ---             | ---             | ---            |
| MW3        | 07/26/90        | ---          | 12.92            | 8.58                     | 4.39        | 0.04            |             | ---         | ---         | ---               | ---               | ---             | ---             | ---             | ---            |
| MW3        | 08/20/90        | ---          | 12.92            | 9.21                     | 3.74        | 0.01            |             | ---         | ---         | ---               | ---               | ---             | ---             | ---             | ---            |
| MW3        | 09/19/90        | ---          | 12.92            | 10.02                    | 3.20        | 0.35            |             | ---         | ---         | ---               | ---               | ---             | ---             | ---             | ---            |
| MW3        | 11/27/90        | ---          | 12.92            | 10.72                    | 2.56        | 0.42            |             | ---         | ---         | ---               | ---               | ---             | ---             | ---             | ---            |
| MW3        | 01/17/91        | ---          | 12.92            | 10.05                    | 2.97        | 0.10            |             | ---         | ---         | ---               | ---               | ---             | ---             | ---             | ---            |
| MW3        | 03/26/91        | ---          | 12.92            | 7.65                     | 5.37        | 0.10            |             | ---         | ---         | ---               | ---               | ---             | ---             | ---             | ---            |



**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date       | Depth (feet) | TOC Elev. (feet) | Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------------|--------------|------------------|--------------|------------|-----------------|-------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW3     | 05/02/91            | ---          | 12.92            | 8.54         | 4.42       | 0.03            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 06/20/91            | ---          | 12.92            | 8.89         | 4.07       | 0.03            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 08/07/91            | ---          | 12.92            | 9.99         | 2.97       | 0.03            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 09/17/91            | ---          | 12.92            | 10.32        | 2.80       | 0.22            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 11/13/91            | ---          | 12.92            | 10.14        | 2.99       | 0.24            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 12/10/91            | ---          | 12.92            | 10.10        | 2.93       | 0.11            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 01/21/92            | ---          | 12.92            | 9.07         | 3.92       | 0.06            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 03/25/92            | ---          | 12.92            | 5.96         | 7.01       | 0.04            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 06/22/92            | ---          | 12.92            | 8.07         | 4.89       | 0.02[1/2 c.]    | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 09/24/92            | ---          | 12.92            | 9.29         | 3.65       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 10/14/92            | ---          | 12.92            | 9.49         | 3.47       | 0.02[1/2 c.]    | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 11/16/92            | ---          | 12.92            | 9.29         | 3.67       | 0.02[1/2 c.]    | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 12/08/92            | ---          | 12.92            | 9.08         | 3.88       | 0.02[1/2 c.]    | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 01/27/93            | ---          | 12.92            | 5.65         | 7.29       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 02/18/93            | ---          | 12.92            | 4.63         | 8.31       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 03/10/93            | ---          | 12.92            | 5.53         | 7.41       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 04/06/93            | ---          | 12.92            | 5.10         | 7.84       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 05/28/93            | ---          | 12.92            | 6.50         | 6.44       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 06/10/93            | ---          | 12.92            | 6.65         | 6.29       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 07/17/93            | ---          | 12.92            | 7.03         | 5.91       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 08/11/93            | ---          | 12.92            | 7.56         | 5.38       | Sheen           | 3,200/140q  | 5,100       | ---         | ---               | 1,300/2,000o      | 12/<2.5o | 87/160o  | 47/60o   | ---      |
| MW3     | 09/01/93            | ---          | 12.92            | 8.20         | 4.75       | 0.01            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 10/26/93            | ---          | 12.92            | 8.88         | 4.06       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 11/12/93            | ---          | 12.92            | 8.96         | 3.98       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 12/27/93            | ---          | 12.92            | 9.03         | 3.91       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 01/20/94            | ---          | 12.92            | 8.24         | 4.70       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 02/02/94 - 02/03/94 | ---          | 12.92            | 7.68         | 5.26       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 03/10/94            | ---          | 12.92            | 7.24         | 5.68       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 04/22/94            | ---          | 12.92            | 6.79         | 6.13       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 05/10/94 - 05/11/94 | ---          | 12.92            | 6.43         | 6.49       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 06/27/94            | ---          | 12.92            | 6.97         | 5.95       | 0.01            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 08/31/94            | ---          | 12.92            | 8.41         | 4.51       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 09/29/94            | ---          | 12.92            | 8.97         | 3.95       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 10/25/94            | ---          | 12.92            | 9.43         | 3.49       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 11/28/94            | ---          | 12.92            | 7.19         | 5.73       | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 12/27/94            | ---          | 12.92            | 6.64         | 6.28       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 02/06/95            | ---          | 12.92            | 4.87         | 8.05       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 06/07/95            | ---          | 12.92            | 7.05         | 5.87       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | Elev. (feet)   | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------|--------------|------------------|--|------------|-----------------|-------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW3     | 09/18/95      | ---          | 12.92            | 10.61  | 2.31       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 11/01/95      | ---          | 12.92            | 11.58  | 1.34       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 02/14/96      | ---          | 12.92            | 8.34   | 4.58       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 06/19/96      | ---          | 12.92            | 6.35   | 6.57       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 09/24/96      | ---          | 12.92            | 11.45  | 1.47       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 12/11/96      | ---          | 12.92            | 7.89   | 5.03       | No              | 17,000      | 4,800       | 30          | ---               | 340               | <5.0     | 8.2      | 20       | 20       |
| MW3     | 03/19/97      | ---          | 12.92            | 9.83   | 3.09       | No              | 3,000       | 1,900       | 80          | ---               | 160               | 11       | 5.6      | 10       | 10       |
| MW3     | 06/04/97      | ---          | 12.92            | 10.43  | 2.49       | No              | 8,000       | 920         | 11          | ---               | 15                | 2.8      | 2.4      | <2.0     | <2.0     |
| MW3     | 09/02/97      | ---          | 12.92            | 12.45  | 0.47       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 12/02/97      | ---          | 12.92            | 11.21  | 1.71       | No              | 6,700       | 920         | 21          | ---               | 10                | 2.1      | <1.0     | 2.7      | 2.7      |
| MW3     | 03/24/98      | ---          | 12.92            | 5.93   | 6.99       | No              | 4,600       | 1,500       | 25          | ---               | 5,500             | <5.0     | <5.0     | <5.0     | <5.0     |
| MW3     | 06/23/98      | ---          | 12.92            | 11.13  | 1.79       | No              | 39,000      | 1,300       | 9.4         | ---               | 53                | <1.0     | <1.0     | <1.0     | <1.0     |
| MW3     | 09/29/98      | ---          | 12.92            | 10.46  | 2.46       | Sheen           | 2,600       | 540         | <5.0        | ---               | 6.8               | 1.9      | 1.4      | 2.3      | 2.3      |
| MW3     | 12/30/98      | ---          | 12.92            | 9.72   | 3.20       | No              | 11,000      | 4,000       | <50         | ---               | 74                | <10      | <10      | <10      | <10      |
| MW3     | 03/24/99      | ---          | 12.92            | 4.36   | 8.56       | Sheen           | 3,850       | 2,330       | <20         | ---               | <5.0              | <5.0     | <5.0     | <5.0     | <5.0     |
| MW3     | 06/22/99      | ---          | 12.92            | 6.22   | 6.70       | No              | 6,860       | 1,470       | <10         | ---               | 492               | <2.5     | <2.5     | <2.5     | <2.5     |
| MW3     | 09/29/99      | ---          | 12.92            | 8.10   | 4.82       | No              | 2,290e      | 315         | <5.0        | ---               | 11.5              | 3.07     | <1.0     | 2.54     | 2.54     |
| MW3     | 12/21/99      | ---          | 12.92            | 7.99   | 4.93       | No              | 37,000      | 6,600       | 4           | ---               | 22                | 5        | 5.1      | 31.4     | 31.4     |
| MW3     | 01/26/00      | ---          | 12.92            | 5.48   | 7.44       | No              | 2,600g      | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW3     | 03/21/00      | ---          | 12.92            | Well inaccessible.                                     |            |                 |             |             |             |                   |                   |          |          |          |          |
| MW3     | 03/30/01      | ---          | 12.92            | 4.02   | 8.90       | No              | 2,000       | 880         | ---         | 300               | 130               | <0.5     | 1.2      | 2.4      | 2.4      |
| MW3     | 11/01/01      | ---          | 13.71            | Well surveyed in compliance with AB 2886 requirements. |            |                 |             |             |             |                   |                   |          |          |          |          |
| MW3     | 03/11/02 k    | ---          | 13.71            | 4.72   | 8.99       | No              | 19,100      | <2,500      | 130         | 175               | 165               | <25.0    | <25.0    | <25.0    | <25.0    |
| MW3     | 03/11/03      | ---          | 13.71            | 6.23   | 7.48       | No              | 1,190       | 887         | 122         | 119               | 71.9              | 0.8      | 1.1      | 2.0      | 2.0      |
| MW3     | 03/26/04      | ---          | 13.71            | 5.47   | 8.24       | No              | 16,500g     | 1,350       | ---         | 98.4              | 30.8              | 1.6      | <0.5     | 3.8      | 3.8      |
| MW3     | 11/02/04      | ---          | 13.71            | 5.30   | 8.41       | No              | 3,620g      | 466         | ---         | 30.8              | 32.4              | <0.5     | <0.5     | 4.7      | 4.7      |
| MW3     | 02/04/05      | ---          | 13.71            | 4.14   | 9.57       | No              | 2,850g      | 531         | ---         | 22.7              | 19.3              | <0.5     | 0.6      | 1.6      | 1.6      |
| MW3     | 05/02/05      | ---          | 13.71            | 3.41   | 10.30      | No              | 3,940g      | 586         | ---         | 29.5              | 36.3              | 3.1      | 0.8      | 4.3      | 4.3      |
| MW3     | 08/01/05      | ---          | 13.71            | 3.88   | 9.83       | No              | 1,550       | 815         | ---         | 18.1              | 36.6              | 0.6      | 1.1      | 2.4      | 2.4      |
| MW3     | 10/25/05      | ---          | 13.71            | 3.11   | 10.60      | No              | 4,010g      | 379         | ---         | 3.47              | <0.50             | <0.50    | <0.50    | 1.01     | 1.01     |
| MW3     | 01/24/06      | ---          | 13.71            | 2.69   | 11.02      | No              | 2,200g      | 510         | ---         | 13                | 35                | <1.0     | 2.1      | <1.0     | <1.0     |
| MW3     | 04/28/06      | ---          | 13.71            | 2.44   | 11.27      | No              | 100g        | 330         | ---         | 13n               | 3.8n              | <1.0     | <1.0     | <1.0     | <1.0     |
| MW3     | 08/04/06      | ---          | 13.71            | 2.51   | 11.20      | No              | 3,890       | 441         | ---         | 10.1              | 14.7              | 0.57     | 1.44     | 4.23     | 4.23     |
| MW3     | 10/06/06      | ---          | 13.71            | 6.33   | 7.38       | No              | 5,300j      | 360         | ---         | 9.7               | 3.8               | <1.0     | <1.0     | <1.0     | <1.0     |
| MW3     | 01/12/07      | ---          | 13.71            | 6.20   | 7.51       | No              | 4,700       | 300         | ---         | 9.0               | 3.9               | <2.5     | <2.5     | <2.5     | <2.5     |
| MW3     | 04/09/07      | ---          | 13.71            | 6.47   | 7.24       | No              | 1,600       | 428         | ---         | 11.8              | 3.33j             | <0.50    | 0.74     | 4.11     | 4.11     |
| MW3     | 08/06/07      | ---          | 13.71            | 6.91   | 6.80       | No              | 5,200       | 390         | ---         | 8.1               | 5.3               | <0.50    | <0.50    | <0.50    | <0.50    |
| MW3     | 11/15/07      | ---          | 13.71            | 7.47   | 6.24       | No              | 7,000       | 290         | ---         | 6.2               | 3.0               | <0.50    | <0.50    | <0.50    | <0.50    |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID    | Sampling Date   | Depth (feet) | TOC Elev. (feet) | Elev. (feet)       | DTW (feet)  | GW Elev. (feet) | NAPL (feet)  | TPHd (µg/L)       | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L)        | T (µg/L)        | E (µg/L)       | X (µg/L)       |
|------------|-----------------|--------------|------------------|--------------------|-------------|-----------------|--------------|-------------------|-------------|-------------------|-------------------|-----------------|-----------------|----------------|----------------|
| MW3        | 01/02/08        | ---          | 13.71            | 6.87               | 6.84        | No              | 19,000j      | 390               | ---         | 9.9               | 6.4               | <1.0            | <1.0            | <1.0           | <1.0           |
| MW3        | 04/03/08        | ---          | 13.71            | 5.96               | 7.75        | No              | 1,200        | 330               | ---         | 10                | 4.7               | 2.5             | <0.50           | 2.9            | 2.9            |
| MW3        | 07/09/08        | ---          | 13.71            | 7.00               | 6.71        | No              | 2,500        | 640               | ---         | 11                | 10                | 3.2             | <0.50           | 1.6            | 1.6            |
| MW3        | 10/01/08        | ---          | 13.71            | 7.56               | 6.15        | No              | 590          | 730               | ---         | 6.0               | 1.4               | <0.50           | <0.50           | <1.0           | <1.0           |
| MW3        | 01/07/09        | ---          | 13.71            | 7.61               | 6.10        | No              | 6,900        | 760               | ---         | 5.9               | <0.50             | <0.50           | 1.5             | 3.0            | 3.0            |
| MW3        | 01/16/09        | ---          | 13.71            | 7.74               | 5.97        | No              | ---          | ---               | ---         | ---               | ---               | ---             | ---             | ---            | ---            |
| MW3        | 04/24/09        | ---          | 13.71            | 6.47               | 7.24        | No              | 6,700        | 2,200             | ---         | 12                | <0.50             | <0.50           | 1.5             | 3.3            | 3.3            |
| MW3        | 07/01/09        | ---          | 13.71            | 7.05               | 6.66        | No              | 1,700        | 390               | ---         | 4.3               | <0.50             | <0.50           | <0.50           | 2.8            | 2.8            |
| MW3        | 10/01/09        | ---          | 13.71            | 7.36               | 6.35        | No              | ---          | ---               | ---         | ---               | ---               | ---             | ---             | ---            | ---            |
| MW3        | 03/04/10        | ---          | 13.71            | 4.64               | 9.07        | No              | ---          | ---               | ---         | ---               | ---               | ---             | ---             | ---            | ---            |
| MW3        | 05/06/10        | ---          | 13.71            | 4.83               | 8.88        | No              | 2,700        | 1,300             | ---         | 8.9               | <0.50             | <0.50           | <0.50           | <1.0           | <1.0           |
| MW3        | 08/06/10        | ---          | 13.71            | 8.52               | 5.19        | No              | ---          | ---               | ---         | ---               | ---               | ---             | ---             | ---            | ---            |
| MW3        | 11/02/10        | ---          | 13.71            | 7.37               | 6.34        | No              | 1,300        | 1,100g            | ---         | 10                | <0.50             | <0.50           | <0.50           | <1.0           | <1.0           |
| MW3        | 04/21/11        | ---          | 13.71            | 7.67               | 6.04        | 0.04            | ---          | ---               | ---         | ---               | ---               | ---             | ---             | ---            | ---            |
| MW3        | 04/22/11        | ---          | 13.71            | ---                | ---         | ---             | 26,000       | 1,900g            | ---         | 5.4               | <0.50             | <0.50           | <0.50           | <1.0           | <1.0           |
| MW3        | 05/02/11        | ---          | 13.71            | 7.62               | 6.09        | 0.05            | ---          | ---               | ---         | ---               | ---               | ---             | ---             | ---            | ---            |
| MW3        | 10/18/11        | ---          | 13.71            | 8.45               | 5.26        | 0.13            | ---          | ---               | ---         | ---               | ---               | ---             | ---             | ---            | ---            |
| <b>MW3</b> | <b>04/25/12</b> | ---          | <b>13.71</b>     | <b>5.63</b>        | <b>8.08</b> | <b>Sheen</b>    | <b>9,100</b> | <b>3,200,000g</b> | ---         | <b>4.5v</b>       | <b>&lt;0.50</b>   | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;1.0</b> | <b>&lt;1.0</b> |
| MW4        | 09/10/87        | ---          | Well installed.  |                    |             | ---             | ---          | ---               | ---         | ---               | ---               | ---             | ---             | ---            | ---            |
| MW4        | Sept 1987       | ---          | 12.77            | ---                | ---         | ---             | 740          | 92,500            | ---         | ---               | 70                | 7               | 10              | 16             | 16             |
| MW4        | May 1988        | ---          | 12.77            | ---                | ---         | ---             | ---          | ---               | ---         | ---               | ---               | ---             | ---             | ---            | ---            |
| MW4        | 04/25/89        | ---          | 12.77            | 7.26               | 5.64        | 0.16            | ---          | ---               | ---         | ---               | ---               | ---             | ---             | ---            | ---            |
| MW4        | 07/19/89        | ---          | 12.77            | 10.32              | 3.03        | 0.72            | ---          | ---               | ---         | ---               | ---               | ---             | ---             | ---            | ---            |
| MW4        | 07/27/89        | ---          | 12.77            | Well inaccessible. |             |                 | ---          | ---               | ---         | ---               | ---               | ---             | ---             | ---            | ---            |
| MW4        | 09/06/89        | ---          | 12.77            | 11.40              | 1.43        | 0.07            | ---          | ---               | ---         | ---               | ---               | ---             | ---             | ---            | ---            |
| MW4        | 09/22/89        | ---          | 12.77            | 11.64              | 1.28        | 0.19            | ---          | ---               | ---         | ---               | ---               | ---             | ---             | ---            | ---            |
| MW4        | 11/01/89        | ---          | 12.77            | 11.00              | 1.77        | Sheen           | ---          | ---               | ---         | ---               | ---               | ---             | ---             | ---            | ---            |
| MW4        | 11/15/89        | ---          | 12.77            | 11.18              | 1.67        | 0.10            | ---          | ---               | ---         | ---               | ---               | ---             | ---             | ---            | ---            |
| MW4        | 12/06/89        | ---          | 12.77            | 10.25              | 2.52        | Sheen           | ---          | ---               | ---         | ---               | ---               | ---             | ---             | ---            | ---            |
| MW4        | 02/20/90        | ---          | 12.77            | 8.40               | 4.37        | No              | ---          | ---               | ---         | ---               | ---               | ---             | ---             | ---            | ---            |
| MW4        | 04/19/90        | ---          | 12.77            | 9.04               | 3.75        | 0.03            | ---          | ---               | ---         | ---               | ---               | ---             | ---             | ---            | ---            |
| MW4        | 07/03/90        | ---          | 12.77            | 8.00               | 4.77        | Sheen           | ---          | ---               | ---         | ---               | ---               | ---             | ---             | ---            | ---            |
| MW4        | 07/26/90        | ---          | 12.77            | 8.57               | 4.23        | 0.04            | ---          | ---               | ---         | ---               | ---               | ---             | ---             | ---            | ---            |
| MW4        | 08/20/90        | ---          | 12.77            | 9.08               | 3.70        | 0.01            | ---          | ---               | ---         | ---               | ---               | ---             | ---             | ---            | ---            |
| MW4        | 09/19/90        | ---          | 12.77            | 9.76               | 3.03        | 0.03            | ---          | ---               | ---         | ---               | ---               | ---             | ---             | ---            | ---            |
| MW4        | 11/27/90        | ---          | 12.77            | 10.83              | 2.01        | 0.09            | ---          | ---               | ---         | ---               | ---               | ---             | ---             | ---            | ---            |
| MW4        | 01/17/91        | ---          | 12.77            | 9.96               | 2.97        | 0.20            | ---          | ---               | ---         | ---               | ---               | ---             | ---             | ---            | ---            |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date       | Depth (feet) | TOC Elev. (feet) | Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------------|--------------|------------------|--------------|------------|-----------------|-------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW4     | 03/26/91            | ---          | 12.77            | 6.20         | 6.64       | 0.09            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 05/02/91            | ---          | 12.77            | 7.50         | 5.30       | 0.04            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 06/20/91            | ---          | 12.77            | 7.79         | 5.01       | 0.04            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 08/07/91            | ---          | 12.77            | 9.81         | 3.00       | 0.05            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 09/17/91            | ---          | 12.77            | 10.02        | 2.83       | 0.10            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 11/13/91            | ---          | 12.77            | 9.90         | 2.97       | 0.12            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 12/10/91            | ---          | 12.77            | 9.92         | 2.93       | 0.10            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 01/21/92            | ---          | 12.77            | 9.50         | 3.33       | 0.08            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 03/25/92            | ---          | 12.77            | 5.01         | 7.78       | 0.03            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 06/22/92            | ---          | 12.77            | 7.34         | 5.45       | 0.02[1/2 c.]    | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 09/24/92            | ---          | 12.77            | 9.03         | 3.74       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 10/14/92            | ---          | 12.77            | 9.27         | 3.52       | 0.02[1/2 c.]    | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 11/16/92            | ---          | 12.77            | 9.09         | 3.70       | 0.02[1/2 c.]    | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 12/08/92            | ---          | 12.77            | 10.24        | 2.55       | 0.02[1/2 c.]    | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 01/27/93            | ---          | 12.77            | 4.95         | 7.85       | 0.04            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 02/18/93            | ---          | 12.77            | 4.89         | 7.89       | 0.01            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 03/10/93            | ---          | 12.77            | 6.40         | 6.37       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 04/06/93            | ---          | 12.77            | 4.36         | 8.41       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 05/28/93            | ---          | 12.77            | ---          | ---        | [2 c.]          | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 06/10/93            | ---          | 12.77            | ---          | ---        | [2 c.]          | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 07/17/93            | ---          | 12.77            | ---          | ---        | 2/5 gal.        | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 08/11/93            | ---          | 12.77            | ---          | ---        | 1/4 gal.        | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 09/01/93            | ---          | 12.77            | ---          | ---        | 1/4 gal.        | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 10/26/93            | ---          | 12.77            | ---          | ---        | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 11/12/93            | ---          | 12.77            | ---          | ---        | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 12/27/93            | ---          | 12.77            | ---          | ---        | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 01/20/94            | ---          | 12.77            | ---          | ---        | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 02/02/94 - 02/03/94 | ---          | 12.77            | ---          | ---        | [1 c.]          | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 03/10/94            | ---          | 12.77            | 7.12         | 5.65       | [8 c.]          | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 04/22/94            | ---          | 12.77            | ---          | ---        | [10 c.]         | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 05/10/94 - 05/11/94 | ---          | 12.77            | ---          | ---        | [5 c.]          | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 06/27/94            | ---          | 12.77            | 6.5          | 6.27       | 0.01            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 08/31/94            | ---          | 12.77            | 7.84         | 4.93       | 0.02            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 09/29/94            | ---          | 12.77            | 8.43         | 4.34       | 0.03            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 10/25/94            | ---          | 12.77            | 9.24         | 3.53       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 11/30/94            | ---          | 12.77            | 6.77         | 6.00       | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 12/27/94            | ---          | 12.77            | 6.14         | 6.63       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 02/06/95            | ---          | 12.77            | 4.87         | 7.90       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date           | Depth (feet) | TOC Elev. (feet) | Elev. (feet)             | DW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|-------------------------|--------------|------------------|--------------------------|-----------|-----------------|-------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW4     | 06/07/95                | ---          | 12.77            | 6.91                     | 5.86      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 09/18/95                | ---          | 12.77            | 9.59                     | 3.18      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 11/01/95                | ---          | 12.77            | 11.52                    | 1.25      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 02/14/96                | ---          | 12.77            | 8.56                     | 4.21      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 06/19/96                | ---          | 12.77            | 6.09                     | 6.68      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 09/24/96                | ---          | 12.77            | 10.20                    | 2.57      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 12/11/96                | ---          | 12.77            | 7.78                     | 4.99      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 03/19/97                | ---          | 12.77            | 8.56                     | 4.21      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 06/04/97                | ---          | 12.77            | 9.31                     | 3.46      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 09/02/97                | ---          | 12.77            | 10.00                    | 2.77      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 12/02/97                | ---          | 12.77            | 8.72                     | 4.05      | No              | 15,000      | 1,500       | 50          | ---               | <2.5              | 9.7      | 3.0      | 10       | 10       |
| MW4     | 03/24/98                | ---          | 12.77            | 5.79                     | 6.98      | No              | 6,400       | 540         | 38          | ---               | <0.5              | 4.4      | 1.6      | 5.4      | 5.4      |
| MW4     | 06/23/98                | ---          | 12.77            | 8.50                     | 4.27      | Sheen           | 7,500       | 1,000       | 25          | ---               | 3.3               | <2.0     | <2.0     | <2.0     | <2.0     |
| MW4     | 09/29/98                | ---          | 12.77            | 9.77                     | 3.00      | Sheen           | 65,000      | 7,300       | <50         | ---               | <10               | <10      | <10      | <10      | <10      |
| MW4     | 12/30/98                | ---          | 12.77            | 8.54                     | 4.23      | Sheen           | 12,000      | 1,000       | 170         | ---               | 3.8               | 5.1      | <2.5     | 4.1      | 4.1      |
| MW4     | 03/24/99                | ---          | 12.77            | 4.41                     | 8.36      | Sheen           | 20,500      | 1,300       | 4.40        | ---               | 2.64              | <1.0     | <1.0     | <1.0     | <1.0     |
| MW4     | 06/22/99                | ---          | 12.77            | 5.71                     | 7.06      | No              | 9,760       | 1,470       | <10         | ---               | 404               | <2.5     | <2.5     | <2.5     | <2.5     |
| MW4     | 09/29/99                | ---          | 12.77            | 7.32                     | 5.45      | No              | 2,470f      | 589c        | 8.12        | ---               | 12.6              | <1.0     | <1.0     | <1.0     | <1.0     |
| MW4     | 12/21/99                | ---          | 12.77            | 7.58                     | 5.19      | No              | 230,000     | 2,000       | <2          | ---               | <0.5              | 0.56     | 1.9      | 18.6     | 18.6     |
| MW4     | 01/26/00                | ---          | 12.77            | 5.85                     | 6.92      | No              | 3,200g      | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW4     | 03/21/00                | ---          | 12.77            | 3.58                     | 9.19      | No              | 5,900       | 270         | 13          | ---               | 6.8               | 0.83     | <0.5     | 3.6      | 3.6      |
| MW4     | 03/30/01                | ---          | 12.77            | Well covered by asphalt. |           |                 |             |             |             |                   |                   |          |          |          |          |
| MW5     | Prior to September 1987 | ---          | Well installed.  |                          |           |                 |             |             |             |                   |                   |          |          |          |          |
| MW5     | Sept 1987               | ---          | 8.38             | ---                      | ---       | ---             | 37,220      | 26,600      | ---         | ---               | 560               | 1,710    | 1,580    | 7,150    | 7,150    |
| MW5     | May 1988                | ---          | 8.38             | ---                      | ---       | LPH             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW5     | 04/25/89                | ---          | 8.38             | 8.06                     | 0.32      | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW5     | 07/18/89                | ---          | Well destroyed.  |                          |           |                 |             |             |             |                   |                   |          |          |          |          |
| MW6     | 09/10/87                | ---          | Well installed.  |                          |           |                 |             |             |             |                   |                   |          |          |          |          |
| MW6     | May 1988                | ---          | 14.27            | ---                      | ---       | ---             | ---         | 29,300      | ---         | ---               | 12,820            | 550      | 1,440    | 5,500    | 5,500    |
| MW6     | 04/25/89                | ---          | 14.27            | 8.02                     | 6.25      | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 09/06/89                | ---          | 14.27            | 13.64                    | 0.69      | 0.08            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 09/22/89                | ---          | 14.27            | 13.79                    | 0.54      | 0.07            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 11/01/89                | ---          | 14.27            | 12.78                    | 1.49      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 11/15/89                | ---          | 14.27            | 12.91                    | 1.36      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 12/06/89                | ---          | 14.27            | 11.84                    | 2.43      | No              | 4,800       | 9,000       | ---         | ---               | 370               | 13       | 2.6      | 430      | 430      |
| MW6     | 02/20/90                | ---          | 14.27            | 9.08                     | 5.19      | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 04/19/90                | ---          | 14.27            | 9.72                     | 4.55      | No              | 26,000      | 27,000      | ---         | ---               | 3,000             | 120      | 490      | 2,100    | 2,100    |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date       | Depth (feet) | TOC Elev. (feet) | Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------------|--------------|------------------|--------------|------------|-----------------|-------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW6     | 07/03/90            | ---          | 14.27            | 8.00         | 6.27       | No              |             | 13,000      | 30,000      | ---               | ---               | 5,500    | 1,400    | 1,200    | 3,100    |
| MW6     | 07/26/90            | ---          | 14.27            | 8.70         | 5.57       | No              |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 08/20/90            | ---          | 14.27            | 9.62         | 4.65       | No              |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 09/19/90            | ---          | 14.27            | 10.25        | 4.02       | Sheen           |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 11/27/90            | ---          | 14.27            | 10.82        | 3.45       | Sheen           |             | 7,600       | 15,000      | ---               | ---               | 4,400    | 120      | 800      | 2,300    |
| MW6     | 01/17/91            | ---          | 14.27            | 9.93         | 4.34       | No              |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 03/26/91            | ---          | 14.27            | 8.45         | 5.82       | No              |             | <100        | 55,000      | ---               | ---               | 10,000   | 380      | 1,600    | 6,900    |
| MW6     | 05/02/91            | ---          | 14.27            | 8.90         | 5.37       | No              |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 06/20/91            | ---          | 14.27            | 9.47         | 4.80       | Sheen           |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 08/07/91            | ---          | 14.27            | 10.10        | 4.17       | Sheen           |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 09/17/91            | ---          | 14.27            | 10.21        | 4.06       | Sheen           |             | ---         | 17,000      | ---               | ---               | 4,500    | 160      | 890      | 3,100    |
| MW6     | 11/13/91            | ---          | 14.27            | 9.62         | 4.65       | Sheen           |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 12/10/91            | ---          | 14.27            | 9.59         | 4.68       | Sheen           |             | 1,200       | 32,000      | ---               | ---               | 6,000    | 290      | 1,400    | 4,700    |
| MW6     | 01/21/92            | ---          | 14.27            | 9.25         | 5.02       | Sheen           |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 03/25/92            | ---          | 14.27            | 6.88         | 7.39       | No              |             | 2,700       | 21,000      | ---               | ---               | 8,000    | 250      | 1,700    | 5,000    |
| MW6     | 06/22/92            | ---          | 14.27            | 7.38         | 6.89       | No              |             | 1,700       | 43,000      | ---               | ---               | 11,000   | 150      | 2,100    | 5,000    |
| MW6     | 09/24/92            | ---          | 14.27            | 8.70         | 5.57       | No              |             | 2,000       | 45,000      | ---               | ---               | 9,800    | 270      | 1,700    | 3,600    |
| MW6     | 10/14/92            | ---          | 14.27            | 8.91         | 5.36       | Sheen           |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 11/16/92            | ---          | 14.27            | 8.75         | 5.52       | No              |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 12/08/92            | ---          | 14.27            | 8.51         | 5.76       | Sheen           |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 01/27/93            | ---          | 14.27            | 5.69         | 8.58       | No              |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 02/18/93            | ---          | 14.27            | 4.90         | 9.45       | 0.10 [1/2 c.]   |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 03/10/93            | ---          | 14.27            | 6.07         | 8.24       | 0.05 [1/4 c.]   |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 04/06/93            | ---          | 14.27            | 4.98         | 9.29       | Sheen           |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 05/28/93            | ---          | 14.27            | ---          | ---        | [3 c.]          |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 06/10/93            | ---          | 14.27            | ---          | ---        | [3 c.]          |             | 38,000      | 130,000     | ---               | ---               | 9,800    | 650      | 5,100    | 12,000   |
| MW6     | 07/17/93            | ---          | 14.27            | ---          | ---        | ---             |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 08/11/93            | ---          | 14.27            | ---          | ---        | ---             |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 09/01/93            | ---          | 14.27            | ---          | ---        | [1/2 c.]        |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 10/26/93            | ---          | 14.27            | ---          | ---        | ---             |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 11/12/93            | ---          | 14.27            | ---          | ---        | ---             |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 12/27/93            | ---          | 14.27            | ---          | ---        | ---             |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 01/20/94            | ---          | 14.27            | ---          | ---        | ---             |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 02/02/94 - 02/03/94 | ---          | 14.27            | ---          | ---        | ---             |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 03/10/94            | ---          | 14.27            | 7.82         | 6.45       | [1/4 c.]        |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 04/22/94            | ---          | 14.27            | ---          | ---        | [10 c.]         |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 05/10/94 - 05/11/94 | ---          | 14.27            | ---          | ---        | [3 c.]          |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 06/27/94            | ---          | 14.27            | 7.77         | 6.50       | Sheen           |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | Elev. (feet)   | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------|--------------|------------------|--|------------|-----------------|-------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW6     | 08/31/94      | ---          | 14.27            | 9.02   | 5.25       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 09/29/94      | ---          | 14.27            | 9.51   | 4.76       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 10/25/94      | ---          | 14.27            | 9.93   | 4.34       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 11/30/94      | ---          | 14.27            | 8.05   | 6.22       | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 12/27/94      | ---          | 14.27            | 7.54   | 6.73       | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 02/06/95      | ---          | 14.27            | 5.86   | 8.41       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 06/07/95      | ---          | 14.27            | 8.07   | 6.20       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 09/18/95      | ---          | 14.27            | 10.54  | 3.73       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 11/01/95      | ---          | 14.27            | 11.41  | 2.86       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 02/14/96      | ---          | 14.27            | 9.17   | 5.10       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 06/19/96      | ---          | 14.27            | 7.13   | 7.14       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 09/24/96      | ---          | 14.27            | 11.24  | 3.03       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW6     | 12/11/96      | ---          | 14.27            | 9.20   | 5.07       | No              | 2,900       | 9,100       | <100        | ---               | 2,100             | 22       | 160      | 260      | 260      |
| MW6     | 03/19/97      | ---          | 14.27            | 10.14  | 4.13       | No              | 3,800       | 24,000      | 250         | ---               | 5,800             | 91       | 1,300    | 1,900    | 1,900    |
| MW6     | 06/04/97      | ---          | 14.27            | 10.58  | 3.69       | No              | 3,300       | 20,000      | 270         | ---               | 4,400             | <50      | 540      | 480      | 480      |
| MW6     | 09/02/97      | ---          | 14.27            | 11.02  | 3.25       | No              | 2,100       | 8,100       | <25         | ---               | 1,800             | <25      | 140      | 170      | 170      |
| MW6     | 12/02/97      | ---          | 14.27            | 10.45  | 3.82       | No              | 2,300       | 6,800       | <100        | ---               | 1,100             | <20      | 77       | 74       | 74       |
| MW6     | 03/24/98      | ---          | 14.27            | 7.09   | 7.18       | No              | 3,800       | 20,000      | <250        | ---               | 4,300             | <50      | 2,200    | 1,500    | 1,500    |
| MW6     | 06/23/98      | ---          | 14.27            | 9.79   | 4.48       | Sheen           | 4,100       | 19,000      | <500        | ---               | 3,400             | <100     | 1,800    | 1,100    | 1,100    |
| MW6     | 09/29/98      | ---          | 14.27            | 10.56  | 3.71       | No              | 2,300       | 8,600       | <100        | ---               | 2,100             | 25       | 300      | 260      | 260      |
| MW6     | 12/30/98      | ---          | 14.27            | 9.97   | 4.30       | No              | 2,700       | 6,800       | <125        | ---               | 1,600             | <25      | 84       | 200      | 200      |
| MW6     | 03/24/99      | ---          | 14.27            | 5.02   | 9.25       | Sheen           | 2,670       | 12,600      | <20         | ---               | 3,380             | 16.5     | 221      | 190      | 190      |
| MW6     | 06/22/99      | ---          | 14.27            | 6.91   | 7.36       | No              | 5,670       | 6,720       | <40         | ---               | 2,400             | <10      | 767      | 14.4     | 14.4     |
| MW6     | 09/29/99      | ---          | 14.27            | 8.66   | 5.61       | No              | 1,370f      | 6,310d      | <250        | ---               | <25               | <25      | 133      | <25      | <25      |
| MW6     | 12/21/99      | ---          | 14.27            | 8.57   | 5.70       | No              | 2,300       | 3,800       | 12          | ---               | 890               | 3.3      | 94       | 95       | 95       |
| MW6     | 03/21/00      | ---          | 14.27            | Well inaccessible.                                     |            |                 |             |             |             |                   |                   |          |          |          |          |
| MW6     | 03/30/01      | ---          | 14.27            | 3.66   | 10.61      | No              | 2,000       | 9,200       | ---         | <5                | 3,100             | 9.1      | 130      | 31       | 31       |
| MW6     | 11/01/01      | ---          | 14.23            | Well surveyed in compliance with AB 2886 requirements. |            |                 |             |             |             |                   |                   |          |          |          |          |
| MW6     | 03/11/02 k    | ---          | 14.23            | 4.55   | 9.68       | No              | 1,460       | 7,660       | 45.0        | <5.0              | 2,200             | 25.0 j   | 410      | 285      | 285      |
| MW6     | 03/11/03      | ---          | 14.23            | 5.79   | 8.44       | No              | 1,100       | 5,120       | 15.7        | 1.80              | 920               | 3.2      | 36       | 19.4     | 19.4     |
| MW6     | 03/26/04      | ---          | 14.23            | 5.22   | 9.01       | No              | 596g        | 5,090       | ---         | 0.70              | 1,130             | 14.7     | 164      | 62.9     | 62.9     |
| MW6     | 11/02/04      | ---          | 14.23            | 4.84   | 9.39       | No              | 1,000g      | 4,320       | ---         | <0.50             | 793               | 3.6      | 178      | 53.0     | 53.0     |
| MW6     | 02/04/05      | ---          | 14.23            | 3.83   | 10.40      | No              | 1,410g      | 3,950       | ---         | <0.50             | 1,210             | 9.4      | 110      | 22.6     | 22.6     |
| MW6     | 05/02/05      | ---          | 14.23            | 3.18   | 11.05      | No              | 852g        | 4,900       | ---         | <0.50             | 755               | 6.6      | 189      | 20.9     | 20.9     |
| MW6     | 08/01/05      | ---          | 14.23            | 3.92   | 10.31      | No              | 1,290g      | 3,320       | ---         | 1.20              | 597               | 5.1      | 64.7     | 47.5     | 47.5     |
| MW6     | 10/25/05      | ---          | 14.23            | 3.93   | 10.30      | No              | 861g        | 2,870       | ---         | 1.48              | 496               | 4.24     | 63.5     | 35.9     | 35.9     |
| MW6     | 01/24/06      | ---          | 14.23            | 2.81   | 11.42      | No              | 570g        | 4,000       | ---         | <5.0              | 590               | <25      | 51       | <25      | <25      |
| MW6     | 04/28/06      | ---          | 14.23            | 2.68   | 11.55      | No              | 400g        | 3,600       | ---         | 2.3n              | 600n              | <12      | 60       | <12      | <12      |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID    | Sampling Date           | Depth (feet) | TOC Elev. (feet) | Elev. (feet)             | DTW (feet)  | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L)   | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L)   | T (µg/L)        | E (µg/L)        | X (µg/L)   |
|------------|-------------------------|--------------|------------------|--------------------------|-------------|-----------------|-------------|---------------|-------------|-------------------|-------------------|------------|-----------------|-----------------|------------|
| MW6        | 08/04/06                | ---          | 14.23            | 3.07                     | 11.16       | No              |             | 899           | 4,070       | ---               | 0.920             | 294        | 4.42            | 74.1            | 19.9       |
| MW6        | 10/06/06                | ---          | 14.23            | 5.64                     | 8.59        | No              |             | 430g,j        | 1,900       | ---               | <0.50             | 140        | <12             | 24              | <12        |
| MW6        | 01/12/07                | ---          | 14.23            | 5.82                     | 8.41        | No              |             | 300g          | 1,700       | ---               | <0.50             | 98         | <5.0            | 16              | <5.0       |
| MW6        | 04/09/07                | ---          | 14.23            | 6.03                     | 8.20        | No              |             | 230g          | 2,150       | ---               | <0.500            | 116j       | 1.66            | 12.3            | 6.39       |
| MW6        | 08/06/07                | ---          | 14.23            | 6.40                     | 7.83        | No              |             | 190g          | <500        | ---               | <0.50             | 85         | <5.0            | <5.0            | <5.0       |
| MW6        | 11/15/07                | ---          | 14.23            | 6.93                     | 7.30        | No              |             | 390g          | 410         | ---               | <0.50             | 57         | <2.5            | <2.5            | <2.5       |
| MW6        | 01/02/08                | ---          | 14.23            | 6.40                     | 7.83        | No              |             | 170g,j        | 670         | ---               | <0.50             | 63         | <2.5            | <2.5            | <2.5       |
| MW6        | 04/03/08                | ---          | 14.23            | 5.47                     | 8.76        | No              |             | 340g          | 460         | ---               | <0.50             | 13         | 1.9             | 2.3             | 2.9        |
| MW6        | 07/09/08                | ---          | 14.23            | 6.50                     | 7.73        | No              |             | 290g          | 1,200       | ---               | <0.50             | 86         | <5.0            | <5.0            | <5.0       |
| MW6        | 10/01/08                | ---          | 14.23            | Well covered by asphalt. |             |                 |             |               |             |                   |                   |            |                 |                 |            |
| MW6        | 01/07/09                | ---          | 14.23            | Well covered by asphalt. |             |                 |             |               |             |                   |                   |            |                 |                 |            |
| MW6        | 01/16/09                | ---          | 14.23            | 7.25                     | 6.98        | No              |             | 110           | 200         | ---               | <0.50             | 1.9        | <0.50           | <0.50           | <1.0       |
| MW6        | 04/24/09                | ---          | 14.23            | 5.91                     | 8.32        | No              |             | 160           | 450         | ---               | <0.50             | 54         | <0.50           | 0.57o           | <1.0       |
| MW6        | 07/01/09                | ---          | 14.23            | 6.47                     | 7.76        | No              |             | <50           | 150         | ---               | <0.50             | 30         | <0.50           | <0.50           | <1.0       |
| MW6        | 10/01/09                | ---          | 14.23            | 6.70                     | 7.53        | No              |             | ---           | ---         | ---               | ---               | ---        | ---             | ---             | ---        |
| MW6        | 03/04/10                | ---          | 14.23            | 4.21                     | 10.02       | No              |             | ---           | ---         | ---               | ---               | ---        | ---             | ---             | ---        |
| MW6        | 05/06/10                | ---          | 14.23            | 4.46                     | 9.77        | No              |             | 74g           | 480g        | ---               | <0.50             | 38         | 0.57t           | 0.56t           | <1.0       |
| MW6        | 08/06/10                | ---          | 14.23            | 6.07                     | 8.16        | No              |             | ---           | ---         | ---               | ---               | ---        | ---             | ---             | ---        |
| MW6        | 11/02/10                | ---          | 14.23            | 6.92                     | 7.31        | No              |             | 84g           | 200g        | ---               | <0.50             | 14         | <0.50           | <0.50           | <1.0       |
| MW6        | 04/21/11                | ---          | 14.23            | 6.22                     | 8.01        | No              |             | 110g          | 420g        | ---               | <0.50             | 42         | <0.50           | <0.50           | <1.0       |
| MW6        | 10/18/11                | ---          | 14.23            | 6.64                     | 7.59        | No              |             | <50           | <50         | ---               | <0.50             | <0.50      | <0.50           | <0.50           | <1.0       |
| <b>MW6</b> | <b>04/25/12</b>         | ---          | <b>14.23</b>     | <b>4.35</b>              | <b>9.88</b> | <b>No</b>       |             | <b>&lt;50</b> | <b>200</b>  | ---               | <b>&lt;0.50</b>   | <b>9.4</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>4.9</b> |
| MW7        | Prior to September 1987 | ---          | Well installed.  |                          |             |                 |             |               |             |                   |                   |            |                 |                 |            |
| MW7        | Sept 1987               | ---          | 14.84            | ---                      | ---         | ---             |             | 1,531         | 2,790       | ---               | ---               | 258        | 2               | <2              | 42         |
| MW7        | May 1988                | ---          | 14.84            | ---                      | ---         | ---             |             | ---           | 19          | ---               | ---               | 300o       | <10o            | <10o            | <10o       |
| MW7        | 04/25/89                | ---          | 14.84            | 8.66                     | 6.18        | No              |             | ---           | ---         | ---               | ---               | ---        | ---             | ---             | ---        |
| MW7        | 09/06/89                | ---          | 14.84            | 11.72                    | 3.12        | Sheen           |             | ---           | ---         | ---               | ---               | ---        | ---             | ---             | ---        |
| MW7        | 09/22/89                | ---          | 14.84            | 11.89                    | 2.95        | No              |             | ---           | ---         | ---               | ---               | ---        | ---             | ---             | ---        |
| MW7        | 12/06/89                | ---          | 14.84            | 10.46                    | 4.38        | No              |             | 2,500         | 1,700       | ---               | ---               | 220        | 5.3             | 5               | 8.6        |
| MW7        | 02/20/90                | ---          | 14.84            | 8.44                     | 6.40        | No              |             | ---           | ---         | ---               | ---               | ---        | ---             | ---             | ---        |
| MW7        | 04/19/90                | ---          | 14.84            | 9.54                     | 5.30        | No              |             | 3,500         | 2,700       | ---               | ---               | 220        | 8.6             | 7               | 20         |
| MW7        | 07/03/90                | ---          | 14.84            | 7.54                     | 7.39        | No              |             | 910           | 2,500       | ---               | ---               | 380        | 13              | 16              | 35         |
| MW7        | 07/26/90                | ---          | 14.84            | 8.08                     | 6.76        | No              |             | ---           | ---         | ---               | ---               | ---        | ---             | ---             | ---        |
| MW7        | 08/20/90                | ---          | 14.84            | 8.82                     | 6.02        | No              |             | ---           | ---         | ---               | ---               | ---        | ---             | ---             | ---        |
| MW7        | 09/19/90                | ---          | 14.84            | 9.01                     | 5.83        | No              |             | ---           | ---         | ---               | ---               | ---        | ---             | ---             | ---        |
| MW7        | 11/27/90                | ---          | 14.84            | 9.54                     | 5.30        | No              |             | 1,300         | 2,300       | ---               | ---               | 630        | 16              | 32              | 29         |
| MW7        | 01/17/91                | ---          | 14.84            | 8.50                     | 6.34        | No              |             | ---           | ---         | ---               | ---               | ---        | ---             | ---             | ---        |



**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date       | Depth (feet) | TOC Elev. (feet) | Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------------|--------------|------------------|--------------|------------|-----------------|-------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW7     | 03/26/91            | ---          | 14.84            | 5.92         | 8.92       | No              | <100        | <3,500      | ---         | ---               | 420               | 18       | 17       | 27       |          |
| MW7     | 05/02/91            | ---          | 14.84            | 7.72         | 7.12       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      |          |
| MW7     | 06/20/91            | ---          | 14.84            | 8.19         | 6.65       | No              | <100        | 3,100       | ---         | ---               | 270               | 8.8      | 33       | 19       |          |
| MW7     | 08/07/91            | ---          | 14.84            | 8.70         | 6.14       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      |          |
| MW7     | 09/17/91            | ---          | 14.84            | 8.77         | 6.07       | No              | ---         | 2,400       | ---         | ---               | 390               | 10       | 15       | 18       |          |
| MW7     | 11/13/91            | ---          | 14.84            | 8.51         | 6.33       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      |          |
| MW7     | 12/10/91            | ---          | 14.84            | 8.58         | 6.26       | No              | 530         | 1,700       | ---         | ---               | 290               | 5.3      | 7.1      | <0.5     |          |
| MW7     | 01/21/92            | ---          | 14.84            | 8.32         | 6.52       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      |          |
| MW7     | 03/25/92            | ---          | 14.84            | 9.27         | 5.57       | No              | 760         | 1,500       | ---         | ---               | 320               | 7.2      | 16       | 19       |          |
| MW7     | 06/22/92            | ---          | 14.84            | 6.97         | 7.87       | No              | 830         | 3,100       | ---         | ---               | 260               | 5.8      | 21       | 27       |          |
| MW7     | 09/24/92            | ---          | 14.84            | 8.00         | 6.84       | No              | 660         | 3,900       | ---         | ---               | 160               | 4.6      | 3.7      | 13       |          |
| MW7     | 10/14/92            | ---          | 14.84            | 8.15         | 6.69       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      |          |
| MW7     | 11/16/92            | ---          | 14.84            | 7.92         | 6.92       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      |          |
| MW7     | 12/08/92            | ---          | 14.84            | 7.75         | 7.09       | No              | 540         | 17,000      | ---         | ---               | 1,100             | 35       | 77       | 46       |          |
| MW7     | 01/27/93            | ---          | 14.84            | 5.09         | 9.75       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      |          |
| MW7     | 02/18/93            | ---          | 14.84            | 4.51         | 10.33      | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      |          |
| MW7     | 03/10/93            | ---          | 14.84            | 4.78         | 10.06      | No              | 640         | 3,500       | ---         | ---               | 160               | 6.2      | 22       | 19       |          |
| MW7     | 04/06/93            | ---          | 14.84            | 4.48         | 10.36      | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      |          |
| MW7     | 05/28/93            | ---          | 14.84            | 5.44         | 9.40       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      |          |
| MW7     | 06/10/93            | ---          | 14.84            | 5.60         | 9.24       | No              | 570         | 1,600       | ---         | ---               | 140               | 6.5      | 22       | 61       |          |
| MW7     | 07/17/93            | ---          | 14.84            | 6.33         | 8.51       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      |          |
| MW7     | 08/11/93            | ---          | 14.84            | 6.87         | 7.97       | No              | 370/2,000q  | 2,700       | ---         | ---               | 130/140o          | 1.3/5o   | 13/12o   | 12/10o   |          |
| MW7     | 09/01/93            | ---          | 14.84            | 7.12         | 7.72       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      |          |
| MW7     | 10/26/93            | ---          | 14.84            | 7.67         | 7.17       | No              | 1,000       | 2,500       | ---         | ---               | 90                | 4.7      | 6.6      | 15       |          |
| MW7     | 11/12/93            | ---          | 14.84            | 7.69         | 7.15       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      |          |
| MW7     | 12/27/93            | ---          | 14.84            | 7.42         | 7.42       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      |          |
| MW7     | 01/20/94            | ---          | 14.84            | 8.67         | 6.17       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      |          |
| MW7     | 02/02/94 - 02/03/94 | ---          | 14.84            | 8.47         | 6.37       | No              | 1,300       | 2,900       | ---         | ---               | 79                | 5.0      | 8.2      | 21       |          |
| MW7     | 03/10/94            | ---          | 14.84            | 8.24         | 6.37       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      |          |
| MW7     | 04/22/94            | ---          | 14.84            | 7.95         | 6.89       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      |          |
| MW7     | 05/10/94 - 05/11/94 | ---          | 14.84            | 7.53         | 7.31       | No              | 1,300       | 2,400       | ---         | ---               | 88                | 5.6      | 5.2      | 15       |          |
| MW7     | 06/27/94            | ---          | 14.84            | 8.01         | 6.83       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      |          |
| MW7     | 08/31/94            | ---          | 14.84            | 9.19         | 5.65       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      |          |
| MW7     | 09/29/94            | ---          | 14.84            | 9.65         | 5.19       | No              | 56          | 1,900       | ---         | ---               | 71                | 3.1      | 3.5      | 7.8      |          |
| MW7     | 10/25/94            | ---          | 14.84            | 9.96         | 4.88       | No              | 89          | 1,400       | ---         | ---               | 51                | 1.5      | 24       | 6.8      |          |
| MW7     | 11/30/94            | ---          | 14.84            | 7.78         | 7.06       | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      |          |
| MW7     | 12/27/94            | ---          | 14.84            | 7.51         | 7.33       | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      |          |
| MW7     | 02/06/95            | ---          | 14.84            | 5.79         | 9.05       | No              | 1,300       | 2,500       | ---         | ---               | 130               | <10      | <10      | <10      |          |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date           | Depth (feet) | TOC (feet)      | Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|-------------------------|--------------|-----------------|--------------|------------|-----------------|-------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW7     | 06/07/95                | ---          | 14.84           | 7.73         | 7.11       | No              |             | 1,200       | 2,400       | 39                | ---               | 91       | 5        | 7.6      | 14       |
| MW7     | 06/22/95                | ---          | 14.84           | 6.97         | 7.87       | No              |             | 660         | 3,900       | ---               | ---               | 260      | 5.8      | 21       | 27       |
| MW7     | 09/18/95                | ---          | 14.84           | 9.81         | 5.03       | No              |             | 1,100       | 1,800       | <25               | ---               | 17       | <5.0     | <5.0     | <5.0     |
| MW7     | 11/01/95                | ---          | 14.84           | 10.56        | 4.28       | No              |             | 1,700       | 3,000       | <13               | ---               | 2.7      | 11       | 25       | <2.5     |
| MW7     | 02/14/96                | ---          | 14.84           | 8.04         | 6.80       | No              |             | 1,200       | 1,900       | <25               | ---               | 59       | <5.0     | <5.0     | <5.0     |
| MW7     | 06/19/96                | ---          | 14.84           | 7.33         | 7.51       | No              |             | 1,400       | 2,000       | <25               | ---               | 96       | <5.0     | <5.0     | 5.6      |
| MW7     | 09/24/96                | ---          | 14.84           | 10.10        | 4.74       | No              |             | 1,100       | 950         | <25               | ---               | 6.8      | <5.0     | <5.0     | <5.0     |
| MW7     | 12/11/96                | ---          | 14.84           | 8.50         | 6.34       | No              |             | 1,600       | 2,500       | <10               | ---               | 50       | <2.0     | 6.4      | 30       |
| MW7     | 03/19/97                | ---          | 14.84           | 8.88         | 5.96       | No              |             | 840         | 2,700       | <25               | ---               | 61       | 8.0      | 21       | 68       |
| MW7     | 06/04/97                | ---          | 14.84           | 9.38         | 5.46       | No              |             | 1,000       | 1,900       | <2.5              | ---               | 45       | <2.0     | 5.3      | 13       |
| MW7     | 09/02/97                | ---          | 14.84           | 9.69         | 5.15       | No              |             | 790         | 1,700       | <2.5              | ---               | 28       | 2.2      | <2.0     | 5.9      |
| MW7     | 12/02/97                | ---          | 14.84           | 8.65         | 6.19       | No              |             | 1,100       | 2,000       | 14                | ---               | 33       | 2.2      | 2.0      | 5.8      |
| MW7     | 03/24/98                | ---          | 14.84           | 6.40         | 8.44       | No              |             | 950         | 2,300       | <25               | ---               | 73       | <5.0     | <5.0     | 22       |
| MW7     | 06/23/98                | ---          | 14.84           | 8.34         | 6.50       | No              |             | 1,600       | 4,700       | 140               | ---               | 50       | <5.0     | 12       | 20       |
| MW7     | 09/29/98                | ---          | 14.84           | 9.76         | 5.08       | No              |             | 630         | 700         | <5.0              | ---               | 2.7      | 1.3      | 2.4      | 5.3      |
| MW7     | 12/30/98                | ---          | 14.84           | 8.86         | 5.98       | No              |             | 1,700       | 1,400       | <5.0              | ---               | 17       | 7.7      | 2.8      | 16       |
| MW7     | 03/24/99                | ---          | 14.84           | 5.48         | 9.36       | Sheen           |             | 860         | 1,740       | 6.73              | ---               | 59.2     | 2.76     | 4.33     | 15.1     |
| MW7     | 06/22/99                | ---          | 14.84           | 6.54         | 8.30       | No              |             | 5,330       | 3,250       | <4.0              | ---               | 59.5     | 3.96     | 2.89     | 6.38     |
| MW7     | 09/29/99                | ---          | 14.84           | 8.45         | 6.39       | No              |             | 1,750f      | 1,360c,d    | <25               | ---               | 3.07     | <2.5     | 5.02     | 6.32     |
| MW7     | 12/21/99                | ---          | 14.84           | 8.39         | 6.45       | No              |             | 4,600       | 2,900       | <2                | ---               | 47       | 2        | 1.7      | 8.53     |
| MW7     | 03/21/00                | ---          | 14.84           | 4.72         | 10.12      | No              |             | 1,500       | 760         | <2                | ---               | 43       | 2        | 2.2      | 10.8     |
| MW7     | 12/21/00                | ---          | Well destroyed. |              |            |                 |             |             |             |                   |                   |          |          |          |          |
| MW8     | Prior to September 1987 | ---          | Well installed. |              |            |                 |             |             |             |                   |                   |          |          |          |          |
| MW8     | Sept 1987               | ---          | 13.45           | ---          | ---        | ---             | ---         | ---         | 1,325       | ---               | ---               | 81       | 74       | 42       | 182      |
| MW8     | May 1988                | ---          | 13.45           | ---          | ---        | ---             | LPH         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW8     | 04/25/89                | ---          | 13.45           | 8.31         | 5.67       | 0.66            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW8     | 07/19/89                | ---          | 13.45           | 10.97        | 3.48       | 1.25            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW8     | 07/27/89                | ---          | 13.45           | 10.34        | 3.17       | 0.08            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW8     | 09/06/89                | ---          | 13.45           | 11.09        | 2.50       | 0.17            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW8     | 09/22/89                | ---          | 13.45           | 11.58        | 2.16       | 0.36            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW8     | 11/01/89                | ---          | 13.45           | 11.03        | 2.42       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW8     | 11/15/89                | ---          | 13.45           | 11.25        | 2.21       | 0.01            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW8     | 12/06/89                | ---          | 13.45           | 10.30        | 3.15       | Sheen           | ---         | 34,000      | 42,000      | ---               | ---               | 2,600    | 630      | 210      | 3,700    |
| MW8     | 02/20/90                | ---          | 13.45           | 8.00         | 5.46       | 0.01            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW8     | 04/19/90                | ---          | 13.45           | 8.50         | 4.95       | No              | ---         | 53,000      | 49,000      | ---               | ---               | 2,100    | 820      | 1,100    | 4,800    |
| MW8     | 07/03/90                | ---          | 13.45           | 7.55         | 5.90       | No              | ---         | 32,000      | 44,000      | ---               | ---               | 4,000    | 1,500    | 2,000    | 6,300    |
| MW8     | 07/26/90                | ---          | 13.45           | 7.86         | 5.59       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date       | Depth (feet) | TOC Elev. (feet) | Elev. (feet) | DW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L)     | T (µg/L)     | E (µg/L)     | X (µg/L)     |
|---------|---------------------|--------------|------------------|--------------|-----------|-----------------|-------------|-------------|-------------|-------------------|-------------------|--------------|--------------|--------------|--------------|
| MW8     | 08/20/90            | ---          | 13.45            | 8.92         | 4.53      | No              | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 09/19/90            | ---          | 13.45            | 9.55         | 3.90      | No              | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 11/27/90            | ---          | 13.45            | 10.29        | 3.17      | 0.01            | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 01/17/91            | ---          | 13.45            | 9.97         | 3.48      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 03/26/91            | ---          | 13.45            | 8.45         | 5.00      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 05/02/91            | ---          | 13.45            | 8.85         | 4.60      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 06/20/91            | ---          | 13.45            | 9.45         | 4.00      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 08/07/91            | ---          | 13.45            | 10.00        | 3.45      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 09/17/91            | ---          | 13.45            | 10.11        | 3.34      | Sheen           | ---         | ---         | 57,000      | ---               | ---               | 14,000       | 7,800        | 3,100        | 12,000       |
| MW8     | 11/13/91            | ---          | 13.45            | 9.63         | 3.82      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 12/10/91            | ---          | 13.45            | 9.66         | 3.79      | Sheen           | ---         | 1,400       | 66,000      | ---               | ---               | 9,500        | 5,000        | 3,100        | 12,000       |
| MW8     | 01/21/92            | ---          | 13.45            | 9.35         | 4.10      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 03/25/92            | ---          | 13.45            | 8.02         | 5.43      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 06/22/92            | ---          | 13.45            | 7.01         | 6.44      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 09/24/92            | ---          | 13.45            | 8.33         | 5.12      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 10/14/92            | ---          | 13.45            | 8.65         | 4.80      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 11/16/92            | ---          | 13.45            | 8.27         | 5.18      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 12/08/92            | ---          | 13.45            | 8.25         | 5.20      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 01/27/93            | ---          | 13.45            | 5.22         | 8.23      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 02/18/93            | ---          | 13.45            | 4.27         | 9.18      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 03/10/93            | ---          | 13.45            | 5.30         | 8.15      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 04/06/93            | ---          | 13.45            | 4.56         | 8.89      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 05/28/93            | ---          | 13.45            | 5.62         | 7.83      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 06/10/93            | ---          | 13.45            | 5.75         | 7.70      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 07/17/93            | ---          | 13.45            | 6.43         | 7.02      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 08/11/93            | ---          | 13.45            | 6.99         | 6.46      | Sheen           | ---         | 2,600/370q  | 53,000      | ---               | ---               | 4,200/4,900o | 1,300/1,600o | 2,600/3,300o | 7,200/8,200o |
| MW8     | 09/01/93            | ---          | 13.45            | 7.33         | 6.12      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 10/26/93            | ---          | 13.45            | 7.98         | 5.47      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 11/12/93            | ---          | 13.45            | 8.07         | 5.38      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 12/27/93            | ---          | 13.45            | ---          | ---       | ---             | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 01/20/94            | ---          | 13.45            | 8.90         | 4.55      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 02/02/94 - 02/03/94 | ---          | 13.45            | 8.58         | 4.87      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 03/10/94            | ---          | 13.45            | 7.16         | 6.29      | No              | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 04/22/94            | ---          | 13.45            | 7.34         | 6.11      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 05/10/94 - 05/11/94 | ---          | 13.45            | 7.04         | 6.41      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 06/27/94            | ---          | 13.45            | 6.01         | 7.44      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 08/31/94            | ---          | 13.45            | 9.26         | 4.19      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |
| MW8     | 09/29/94            | ---          | 13.45            | 9.76         | 3.69      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---          |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date     | Depth (feet) | TOC Elev. (feet) | Elev. (feet)       | DW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |  |
|---------|-------------------|--------------|------------------|--------------------|-----------|-----------------|-------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|--|
| MW8     | 10/25/94          | ---          | 13.45            | 10.05              | 3.40      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW8     | 11/30/94          | ---          | 13.45            | 7.68               | 5.77      | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW8     | 12/27/94          | ---          | 13.45            | 7.11               | 6.34      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW8     | 02/06/95          | ---          | 13.45            | 5.39               | 8.06      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW8     | 06/07/95          | ---          | 13.45            | 7.53               | 5.92      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW8     | 09/18/95          | ---          | 13.45            | 9.84               | 3.61      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW8     | 11/01/95          | ---          | 13.45            | 10.47              | 2.98      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW8     | 02/14/96          | ---          | 13.45            | 8.27               | 5.18      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW8     | 06/19/96          | ---          | 13.45            | 6.88               | 6.57      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW8     | 09/24/96          | ---          | 13.45            | 10.13              | 3.32      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW8     | 12/11/96          | ---          | 13.45            | 8.53               | 4.92      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW8     | 03/19/97          | ---          | 13.45            | 9.09               | 4.36      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW8     | 06/04/97          | ---          | 13.45            | 9.52               | 3.93      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW8     | 09/02/97          | ---          | 13.45            | 9.72               | 3.73      | No              | 8,000       | 20,000      | <50         | ---               | ---               | 57       | <50      | 850      | 660      |  |
| MW8     | 12/02/97          | ---          | 13.45            | 8.83               | 4.62      | No              | 2,700       | 6,900       | 130         | ---               | ---               | 83       | <10      | <10      | 100      |  |
| MW8     | 03/24/98          | ---          | 13.45            | 6.52               | 6.93      | No              | 2,900       | 10,000      | <125        | ---               | ---               | 190      | <25      | 470      | 330      |  |
| MW8     | 06/23/98          | ---          | 13.45            | 9.02               | 4.43      | No              | 3,700       | 10,000      | <50         | ---               | ---               | 140      | <10      | 460      | 260      |  |
| MW8     | 09/29/98          | ---          | 13.45            | 9.72               | 3.73      | No              | 3,600       | 12,000      | 130         | ---               | ---               | 46       | <10      | 340      | 190      |  |
| MW8     | 12/30/98          | ---          | 13.45            | 9.06               | 4.39      | No              | 3,000       | 11,000      | 140         | ---               | ---               | 170      | <25      | 230      | 160      |  |
| MW8     | 03/24/99          | ---          | 13.45            | 5.21               | 8.24      | Sheen           | 2,250       | 13,000      | 22.6        | ---               | ---               | 336      | 53.2     | 415      | 326      |  |
| MW8     | 06/22/99          | ---          | 13.45            | 6.51               | 6.94      | Sheen           | 4,010       | 13,000      | 64.9        | ---               | ---               | 174      | <5.0     | 186      | 13.1     |  |
| MW8     | 09/29/99          | ---          | 13.45            | 8.22               | 5.23      | No              | 2,170f      | 5,420       | <25         | ---               | ---               | 20.4     | <5.0     | <5.0     | 38.5     |  |
| MW8     | 12/21/99          | ---          | 13.45            | 8.41               | 5.04      | No              | 2,100       | 4,700       | <2          | ---               | ---               | 190      | 15       | 160      | 68.2     |  |
| MW8     | 03/21/00          | ---          | 13.45            | 4.47               | 8.98      | No              | ---         | 6,300       | 270         | ---               | ---               | 380      | 12       | 260      | 86       |  |
| MW8     | 12/21/00          | ---          | Well destroyed.  |                    |           |                 |             |             |             |                   |                   |          |          |          |          |  |
| MW9     | Prior to May 1988 | ---          | Well installed.  |                    |           |                 |             |             |             |                   |                   |          |          |          |          |  |
| MW9     | May 1988          | ---          | 14.64            | ---                | ---       | ---             | ---         | <50         | ---         | ---               | ---               | <0.5     | 1        | <1       | <1       |  |
| MW9     | 04/25/89          | ---          | 14.64            | 8.25               | 6.39      | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW9     | 09/06/89          | ---          | 14.64            | Well inaccessible. |           |                 |             |             |             |                   |                   |          |          |          |          |  |
| MW9     | 09/22/89          | ---          | 14.64            | Well inaccessible. |           |                 |             |             |             |                   |                   |          |          |          |          |  |
| MW9     | 12/06/89          | ---          | 14.64            | 10.12              | 4.52      | No              | 110         | 100         | ---         | ---               | ---               | 1.8      | 3.7      | 1.4      | 8.8      |  |
| MW9     | 02/20/90          | ---          | 14.64            | 9.38               | 5.26      | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW9     | 04/19/90          | ---          | 14.64            | 9.40               | 5.25      | No              | <100        | <20         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |  |
| MW9     | 07/03/90          | ---          | 14.64            | 8.79               | 5.85      | No              | <100        | <20         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |  |
| MW9     | 07/26/90          | ---          | 14.64            | 8.70               | 5.94      | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW9     | 08/20/90          | ---          | 14.64            | 9.09               | 5.55      | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW9     | 09/19/90          | ---          | 14.64            | 9.52               | 5.12      | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date       | Depth (feet) | TOC Elev. (feet) | Elev. (feet)       | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------------|--------------|------------------|--------------------|------------|-----------------|-------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW9     | 11/27/90            | ---          | 14.64            | 9.89               | 4.75       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 01/17/91            | ---          | 14.64            | Well inaccessible. |            |                 |             |             |             |                   |                   |          |          |          |          |
| MW9     | 03/26/91            | ---          | 14.64            | Well inaccessible. |            |                 |             |             |             |                   |                   |          |          |          |          |
| MW9     | 05/02/91            | ---          | 14.64            | 9.10               | 5.54       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 06/20/91            | ---          | 14.64            | 8.76               | 5.88       | No              | <100        | <50         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 08/07/91            | ---          | 14.64            | 9.37               | 5.27       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 09/17/91            | ---          | 14.64            | 9.57               | 5.07       | No              | ---         | <50         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 11/13/91            | ---          | 14.64            | 9.46               | 5.18       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 12/10/91            | ---          | 14.64            | 9.30               | 5.34       | No              | 52          | <50         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 01/21/92            | ---          | 14.64            | 9.68               | 4.96       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 03/25/92            | ---          | 14.64            | 8.93               | 5.71       | No              | <50         | <50         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 06/22/92            | ---          | 14.64            | 7.45               | 7.19       | No              | <50         | <50         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 09/24/92            | ---          | 14.64            | 8.69               | 5.95       | No              | <50         | <50         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 10/14/92            | ---          | 14.64            | 8.83               | 5.81       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 11/16/92            | ---          | 14.64            | 8.80               | 5.84       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 12/08/92            | ---          | 14.64            | 8.70               | 5.94       | No              | <50         | <50         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 01/27/93            | ---          | 14.64            | ---                | ---        | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 02/18/93            | ---          | 14.64            | 9.22               | 5.42       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 03/10/93            | ---          | 14.64            | 5.25               | 9.39       | No              | <50         | <50         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 04/06/93            | ---          | 14.64            | 5.07               | 9.57       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 05/28/93            | ---          | 14.64            | 6.08               | 8.56       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 06/10/93            | ---          | 14.64            | 6.27               | 8.37       | No              | <50         | <50         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 07/17/93            | ---          | 14.64            | 7.09               | 7.55       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 08/11/93            | ---          | 14.64            | 7.60               | 7.04       | No              | <50/<50p    | <50         | ---         | ---               | ---               | <0.5/<50 | <0.5/<50 | <0.5/<50 | <0.5/<50 |
| MW9     | 09/01/93            | ---          | 14.64            | 7.95               | 6.69       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 10/26/93            | ---          | 14.64            | 8.44               | 6.20       | No              | <50         | <50         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 11/12/93            | ---          | 14.64            | 8.44               | 6.20       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 12/27/93            | ---          | 14.64            | 8.37               | 6.27       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 01/20/94            | ---          | 14.64            | ---                | ---        | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 02/02/94 - 02/03/94 | ---          | 14.64            | ---                | ---        | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 03/10/94            | ---          | 14.64            | 6.90               | 7.74       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 04/22/94            | ---          | 14.64            | 7.38               | 7.26       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 05/10/94 - 05/11/94 | ---          | 14.64            | 6.96               | 7.68       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 06/27/94            | ---          | 14.64            | 7.65               | 6.99       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 08/31/94            | ---          | 14.64            | 8.87               | 5.77       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 09/29/94            | ---          | 14.64            | 9.19               | 5.45       | No              | <50         | <50         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 10/25/94            | ---          | 14.64            | 9.66               | 4.98       | No              | <50         | <50         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 11/30/94            | ---          | 14.64            | 8.38               | 6.26       | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date     | Depth (feet) | TOC Elev. (feet) | Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|-------------------|--------------|------------------|--------------|------------|-----------------|-------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW9     | 12/27/94          | ---          | 14.64            | 7.29         | 7.35       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 02/06/95          | ---          | 14.64            | 5.74         | 8.90       | No              | 56          | <50         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 06/07/95          | ---          | 14.64            | 8.33         | 6.31       | No              | 72          | <50         | <2.5        | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 09/18/95          | ---          | 14.64            | 9.28         | 5.36       | No              | 60          | <50         | <2.5        | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 11/01/95          | ---          | 14.64            | 10.09        | 4.55       | No              | 61          | <50         | <2.5        | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 02/14/96          | ---          | 14.64            | 6.26         | 8.38       | No              | 83          | <50         | <2.5        | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 06/19/96          | ---          | 14.64            | 6.68         | 7.96       | No              | 68          | <50         | <2.5        | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 09/24/96          | ---          | 14.64            | 9.72         | 4.92       | No              | <50         | <50         | <2.5        | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 12/11/96          | ---          | 14.64            | 8.11         | 6.53       | No              | 91          | <50         | <2.5        | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 03/19/97          | ---          | 14.64            | 7.72         | 6.92       | No              | 140         | <50         | <2.5        | ---               | ---               | 0.83     | <0.5     | <0.5     | <0.5     |
| MW9     | 06/04/97          | ---          | 14.64            | 8.87         | 5.77       | No              | <50         | <50         | <2.5        | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 09/02/97          | ---          | 14.64            | 9.44         | 5.20       | No              | 140         | <50         | <2.5        | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 12/02/97          | ---          | 14.64            | 8.43         | 6.21       | No              | 71          | <50         | <2.5        | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 03/24/98          | ---          | 14.64            | 5.84         | 8.80       | No              | 62          | <50         | <2.5        | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 06/23/98          | ---          | 14.64            | 7.81         | 6.83       | No              | 69          | <50         | <2.5        | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 09/29/98          | ---          | 14.64            | 9.26         | 5.38       | No              | 52          | <50         | <2.5        | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 12/30/98          | ---          | 14.64            | 8.28         | 6.36       | No              | 74          | <50         | <2.5        | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW9     | 03/24/99          | ---          | 14.64            | 4.74         | 9.90       | No              | 71.1        | b           | b           | ---               | ---               | b        | b        | b        | b        |
| MW9     | 06/22/99          | ---          | 14.64            | ---          | ---        | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 09/29/99          | ---          | 14.64            | 8.41         | 6.23       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 12/21/99          | ---          | 14.64            | 8.20         | 6.44       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 03/21/00          | ---          | 14.64            | 4.59         | 10.05      | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW9     | 12/21/00          | ---          | Well destroyed.  |              |            |                 |             |             |             |                   |                   |          |          |          |          |
| MW10    | Prior to 12/06/08 | ---          | Well installed.  |              |            |                 |             |             |             |                   |                   |          |          |          |          |
| MW10    | 12/06/89          | ---          | 14.05            | 10.46        | 3.59       | No              | <100        | 320         | ---         | ---               | ---               | 3.7      | 14       | 5.6      | 32       |
| MW10    | 02/20/90          | ---          | 14.05            | 8.12         | 5.93       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW10    | 04/19/90          | ---          | 14.05            | 8.54         | 5.51       | No              | <100        | <20         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW10    | 07/03/90          | ---          | 14.05            | 7.88         | 6.17       | No              | <100        | <20         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW10    | 07/26/90          | ---          | 14.05            | 8.19         | 5.86       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW10    | 08/20/90          | ---          | 14.05            | 10.33        | 3.72       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW10    | 09/19/90          | ---          | 14.05            | 9.49         | 4.56       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW10    | 11/27/90          | ---          | 14.05            | 9.89         | 4.16       | No              | <100        | <50         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW10    | 01/17/91          | ---          | 14.05            | 9.19         | 4.86       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW10    | 03/26/91          | ---          | 14.05            | 7.48         | 6.57       | No              | <100        | <50         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW10    | 05/02/91          | ---          | 14.05            | 8.16         | 5.89       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW10    | 06/20/91          | ---          | 14.05            | 8.75         | 5.3        | No              | <100        | <50         | ---         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW10    | 08/07/91          | ---          | 14.05            | 9.53         | 4.52       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date       | Depth (feet) | TOC Elev. (feet) | Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------------|--------------|------------------|--------------|------------|-----------------|-------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW 10   | 09/17/91            | ---          | 14.05            | 9.72         | 4.33       | No              | <100        | <50         | ---         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW 10   | 11/13/91            | ---          | 14.05            | 10.02        | 4.03       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW 10   | 12/10/91            | ---          | 14.05            | 9.12         | 4.93       | No              | <50         | <50         | ---         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW 10   | 01/21/92            | ---          | 14.05            | 8.31         | 5.74       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW 10   | 03/25/92            | ---          | 14.05            | 5.70         | 8.35       | No              | <50         | <50         | ---         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW 10   | 06/22/92            | ---          | 14.05            | 7.50         | 6.55       | No              | <50         | <50         | ---         | ---               | <0.5              | 0.6      | <0.5     | <0.5     | 0.8      |
| MW 10   | 09/24/92            | ---          | 14.05            | 8.68         | 5.37       | No              | <50         | <50         | ---         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW 10   | 10/14/92            | ---          | 14.05            | 8.88         | 5.17       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW 10   | 11/16/92            | ---          | 14.05            | 8.70         | 5.35       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW 10   | 12/08/92            | ---          | 14.05            | 8.31         | 5.74       | No              | <50         | <50         | ---         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | 0.9      |
| MW 10   | 01/27/93            | ---          | 14.05            | 5.49         | 8.56       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW 10   | 02/18/93            | ---          | 14.05            | 4.26         | 9.79       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW 10   | 03/10/93            | ---          | 14.05            | 5.40         | 8.65       | No              | <50         | <50         | ---         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW 10   | 04/06/93            | ---          | 14.05            | 5.28         | 8.77       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW 10   | 05/28/93            | ---          | 14.05            | 6.22         | 7.83       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW 10   | 06/10/93            | ---          | 14.05            | 6.49         | 7.56       | No              | <50         | <50         | ---         | ---               | <0.5              | 0.6      | 0.7      | 1.2      | 1.2      |
| MW 10   | 07/17/93            | ---          | 14.05            | 6.79         | 7.26       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW 10   | 08/11/93            | ---          | 14.05            | 7.20         | 6.85       | No              | <50/<50p    | <50         | ---         | ---               | <0.5/<5o          | <0.5/<5o | <0.5/<5o | <0.5/<5o | 1.4/<5o  |
| MW 10   | 09/01/93            | ---          | 14.05            | 8.03         | 6.02       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW 10   | 10/26/93            | ---          | 14.05            | 8.38         | 5.67       | No              | <50         | <50         | ---         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW 10   | 11/12/93            | ---          | 14.05            | 8.49         | 5.56       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW 10   | 12/27/93            | ---          | 14.05            | 8.22         | 5.83       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW 10   | 01/20/94            | ---          | 14.05            | 8.40         | 5.65       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW 10   | 02/02/94 - 02/03/94 | ---          | 14.05            | 8.00         | 6.05       | No              | <50         | <50         | ---         | ---               | <0.5              | 1.0      | <0.5     | <0.5     | 1.8      |
| MW 10   | 03/10/94            | ---          | 14.05            | 7.56         | 6.49       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW 10   | 04/22/94            | ---          | 14.05            | 7.35         | 6.70       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW 10   | 05/10/94 - 05/11/94 | ---          | 14.05            | 7.06         | 6.99       | No              | <50         | <50         | ---         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW 10   | 06/27/94            | ---          | 14.05            | 7.59         | 6.46       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW 10   | 08/31/94            | ---          | 14.05            | 8.73         | 5.32       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW 10   | 09/29/94            | ---          | 14.05            | 9.07         | 4.98       | No              | <50         | <50         | ---         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW 10   | 10/25/94            | ---          | 14.05            | 9.41         | 4.64       | No              | <50         | <50         | ---         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW 10   | 11/30/94            | ---          | 14.05            | 7.62         | 6.43       | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW 10   | 12/27/94            | ---          | 14.05            | 7.01         | 7.04       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW 10   | 02/06/95            | ---          | 14.05            | 5.60         | 8.45       | No              | ---         | <50         | <50         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW 10   | 06/07/95            | ---          | 14.05            | 7.12         | 6.93       | No              | <50         | <50         | <2.5        | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW 10   | 09/18/95            | ---          | 14.05            | 8.54         | 5.51       | No              | <50         | <50         | <2.5        | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW 10   | 11/01/95            | ---          | 14.05            | 9.44         | 4.61       | No              | <50         | <50         | <2.5        | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW 10   | 02/14/96            | ---          | 14.05            | 9.36         | 4.69       | No              | 64          | <50         | <2.5        | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date     | Depth (feet) | TOC Elev. (feet) | Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|-------------------|--------------|------------------|--------------|------------|-----------------|-------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW10    | 06/19/96          | ---          | 14.05            | 7.32         | 6.73       | No              | <50         | <50         | <2.5        | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW10    | 09/24/96          | ---          | 14.05            | 9.07         | 4.98       | No              | <50         | <50         | <2.5        | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW10    | 12/11/96          | ---          | 14.05            | 7.73         | 6.32       | No              | 67          | <50         | <2.5        | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW10    | 03/19/97          | ---          | 14.05            | 7.62         | 6.43       | No              | 51          | <50         | <2.5        | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW10    | 06/04/97          | ---          | 14.05            | 8.38         | 5.67       | No              | <50         | <50         | <2.5        | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW10    | 09/02/97          | ---          | 14.05            | 8.64         | 5.41       | No              | 120         | <50         | <2.5        | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW10    | 12/02/97          | ---          | 14.05            | 7.22         | 6.83       | No              | <50         | <50         | <2.5        | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW10    | 03/24/98          | ---          | 14.05            | 5.71         | 8.34       | No              | <50         | <50         | <2.5        | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW10    | 06/23/98          | ---          | 14.05            | 7.23         | 6.82       | No              | 90          | <50         | <2.5        | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW10    | 09/29/98          | ---          | 14.05            | 8.39         | 5.66       | No              | <50         | <50         | <2.5        | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW10    | 12/06/98          | ---          | 14.05            | 10.46        | 3.59       | No              | <100        | 320         | ---         | ---               | 4                 | 14       | 6        | 32       | <0.5     |
| MW10    | 12/30/98          | ---          | 14.05            | 7.74         | 6.31       | No              | 58          | <50         | <2.5        | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW10    | 03/24/99          | ---          | 14.05            | 4.74         | 9.31       | No              | <50         | <50         | <2.0        | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW10    | 06/22/99          | ---          | 14.05            | ---          | ---        | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW10    | 09/29/99          | ---          | 14.05            | 8.17         | 5.88       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW10    | 12/21/99          | ---          | 14.05            | 7.87         | 6.18       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW10    | 12/21/00          | ---          | Well destroyed.  |              |            |                 |             |             |             |                   |                   |          |          |          |          |
| MW11    | Prior to 12/06/08 | ---          | Well installed.  |              |            |                 |             |             |             |                   |                   |          |          |          |          |
| MW11    | 12/06/89          | ---          | 13.55            | 10.62        | 2.93       | No              | <100        | 78          | ---         | ---               | 5.9               | 6.3      | <0.5     | ---      | 48,000   |
| MW11    | 02/20/90          | ---          | 13.55            | 9.20         | 4.35       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 04/19/90          | ---          | 13.55            | 9.80         | 3.75       | No              | <100        | <20         | ---         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 07/03/90          | ---          | 13.55            | 8.90         | 4.65       | No              | <100        | <20         | ---         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 07/26/90          | ---          | 13.55            | 9.36         | 4.19       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 08/20/90          | ---          | 13.55            | 9.90         | 3.65       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 09/19/90          | ---          | 13.55            | 10.39        | 3.16       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 11/27/90          | ---          | 13.55            | 10.97        | 2.58       | No              | <100        | <50         | ---         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 01/17/91          | ---          | 13.55            | 10.76        | 2.79       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 03/26/91          | ---          | 13.55            | 8.80         | 4.75       | No              | <100        | <50         | ---         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 05/02/91          | ---          | 13.55            | 9.38         | 4.17       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 06/20/91          | ---          | 13.55            | 10.16        | 3.39       | No              | <100        | <50         | ---         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 08/07/91          | ---          | 13.55            | 10.69        | 2.86       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 09/17/91          | ---          | 13.55            | 10.80        | 2.75       | No              | ---         | <50         | ---         | ---               | <0.5              | 0.7      | <0.5     | <0.5     | <0.5     |
| MW11    | 11/13/91          | ---          | 13.55            | 10.44        | 3.11       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 12/10/91          | ---          | 13.55            | 10.84        | 3.07       | No              | <50         | <50         | ---         | ---               | <0.5              | 0.7      | <0.5     | <0.5     | <0.5     |
| MW11    | 01/21/92          | ---          | 13.55            | 10.10        | 3.45       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 03/25/92          | ---          | 13.55            | 7.30         | 6.25       | No              | <50         | <50         | ---         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 06/22/92          | ---          | 13.55            | 9.02         | 4.53       | No              | 57          | 84          | ---         | ---               | 1.5               | 3.1      | 1.4      | 9.6      | <0.5     |



**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date       | Depth (feet) | TOC Elev. (feet) | Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------------|--------------|------------------|--------------|------------|-----------------|-------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW11    | 09/24/92            | ---          | 13.55            | 9.91         | 3.64       | No              | <50         | <50         | ---         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 10/14/92            | ---          | 13.55            | 10.11        | 3.44       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 11/16/92            | ---          | 13.55            | 9.79         | 3.76       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 12/08/92            | ---          | 13.55            | 9.77         | 3.78       | No              | 310         | <50         | ---         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 01/27/93            | ---          | 13.55            | 5.67         | 7.88       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 02/18/93            | ---          | 13.55            | 5.06         | 8.49       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 03/10/93            | ---          | 13.55            | 6.40         | 7.14       | No              | 240         | <50         | ---         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 04/06/93            | ---          | 13.55            | 6.42         | 7.13       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 05/28/93            | ---          | 13.55            | 7.65         | 5.90       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 06/10/93            | ---          | 13.55            | 7.80         | 5.75       | No              | 50          | <50         | ---         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 07/17/93            | ---          | 13.55            | 8.42         | 5.13       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 08/11/93            | ---          | 13.55            | 8.87         | 4.68       | No              | <50/<50p    | <50         | ---         | ---               | 0.5/<5o           | 0.7/<5o  | 1.2/<5o  | 2.7/<5o  | 2.7/<5o  |
| MW11    | 09/01/93            | ---          | 13.55            | 9.09         | 4.46       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 10/26/93            | ---          | 13.55            | 9.70         | 3.85       | No              | 80          | <50         | ---         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 11/12/93            | ---          | 13.55            | 9.72         | 3.83       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 12/27/93            | ---          | 13.55            | 9.56         | 3.99       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 01/20/94            | ---          | 13.55            | 9.61         | 3.94       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 02/02/94 - 02/03/94 | ---          | 13.55            | 9.56         | 3.99       | No              | 160         | <50         | ---         | ---               | <0.5              | 1.0      | <0.5     | <0.5     | 0.9      |
| MW11    | 03/10/94            | ---          | 13.55            | 8.59         | 4.96       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 04/22/94            | ---          | 13.55            | 8.47         | 5.08       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 05/10/94 - 05/11/94 | ---          | 13.55            | 8.12         | 5.43       | No              | 100g        | <50         | ---         | ---               | <0.5a             | <0.5     | <0.5     | <0.5     | 3.2      |
| MW11    | 06/24/94            | ---          | 13.55            | 8.65         | 4.90       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 08/31/94            | ---          | 13.55            | 9.80         | 3.75       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 09/29/94            | ---          | 13.55            | 10.16        | 3.39       | No              | <50         | <50         | ---         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 10/25/94            | ---          | 13.55            | 10.48        | 3.07       | No              | <50         | <50         | ---         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 11/30/94            | ---          | 13.55            | 8.55         | 5.00       | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 12/27/94            | ---          | 13.55            | 7.98         | 5.57       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 02/06/95            | ---          | 13.55            | 6.49         | 7.06       | No              | 160         | <50         | ---         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 06/07/95            | ---          | 13.55            | 7.98         | 5.57       | No              | 50          | <50         | 42          | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 09/18/95            | ---          | 13.55            | 10.12        | 3.43       | No              | 56          | <50         | 32          | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 11/01/95            | ---          | 13.55            | 10.75        | 2.80       | No              | 170         | <50         | 35          | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 02/14/96            | ---          | 13.55            | 8.03         | 5.52       | No              | 76          | <50         | 37          | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 06/19/96            | ---          | 13.55            | 7.85         | 5.70       | No              | 92          | <50         | 33          | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 09/24/96            | ---          | 13.55            | 10.45        | 3.10       | No              | 58          | <50         | 40          | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 12/11/96            | ---          | 13.55            | 9.02         | 4.53       | No              | 110         | <50         | 10          | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 03/19/97            | ---          | 13.55            | 9.16         | 4.39       | No              | 100         | <50         | 6.9         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 06/04/97            | ---          | 13.55            | 9.91         | 3.64       | No              | <50         | <50         | 5.6         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 09/02/97            | ---          | 13.55            | 10.25        | 3.30       | No              | 150         | <50         | 4.5         | ---               | <0.5              | <0.5     | <0.5     | <0.5     | <0.5     |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------|--------------|------------------|--------------|------------|-----------------|-------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW11    | 12/02/97      | ---          | 13.55            | 9.33         | 4.22       | No              | 70          | <50         | 5.8         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 03/24/98      | ---          | 13.55            | 6.77         | 6.78       | No              | <50         | <50         | 4.1         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 06/23/98      | ---          | 13.55            | 8.99         | 4.56       | No              | 70          | <50         | <2.5        | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 09/29/98      | ---          | 13.55            | 9.89         | 3.66       | No              | 76          | <50         | 7.7         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 12/30/98      | ---          | 13.55            | 9.17         | 4.38       | No              | 71          | <50         | 3.5         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW11    | 03/24/99      | ---          | 13.55            | 5.79         | 7.76       | No              | 58.2        | <50         | 4.51        | ---               | ---               | <0.5     | 1.20     | <0.5     | <0.5     |
| MW11    | 06/22/99      | ---          | 13.55            | ---          | ---        | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 09/29/99      | ---          | 13.55            | 9.14         | 4.41       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 12/21/99      | ---          | 13.55            | 9.01         | 4.54       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 03/21/00      | ---          | 13.55            | 5.68         | 7.87       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW11    | 12/21/00      | ---          | Well destroyed.  |              |            |                 |             |             |             |                   |                   |          |          |          |          |
| MW12    | 11/27/89      | ---          | Well installed.  |              |            |                 |             |             |             |                   |                   |          |          |          |          |
| MW12    | 12/06/89      | ---          | 12.61            | 8.00         | 4.61       | No              | 4,000       | 85,000      | ---         | ---               | ---               | 6,700    | 6,300    | 1,800    | 7,800    |
| MW12    | 02/20/90      | ---          | 12.61            | 6.33         | 6.28       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW12    | 04/19/90      | ---          | 12.61            | 7.18         | 5.43       | No              | 97,000      | 110,000     | ---         | ---               | ---               | 6,600    | 7,400    | 1,800    | 11,000   |
| MW12    | 07/03/90      | ---          | 12.61            | 7.41         | 5.20       | No              | 50,000      | 92,000      | ---         | ---               | ---               | 11,000   | 11,000   | 3,100    | 13,000   |
| MW12    | 07/26/90      | ---          | 12.61            | 6.54         | 6.07       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW12    | 08/20/90      | ---          | 12.61            | 7.23         | 5.38       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW12    | 09/19/90      | ---          | 12.61            | 7.77         | 4.84       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW12    | 11/27/90      | ---          | 12.61            | 8.15         | 4.46       | No              | ---         | 69,000      | ---         | ---               | ---               | 11,000   | 10,000   | 3,100    | 12,000   |
| MW12    | 01/17/91      | ---          | 12.61            | 8.06         | 4.55       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW12    | 03/26/91      | ---          | 12.61            | 7.21         | 5.40       | No              | <100        | 100,000     | ---         | ---               | ---               | 15,000   | 16,000   | 2,400    | 11,000   |
| MW12    | 05/02/91      | ---          | 12.61            | 7.60         | 5.01       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW12    | 06/20/91      | ---          | 12.61            | 8.02         | 4.59       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW12    | 08/07/91      | ---          | 12.61            | 8.25         | 4.36       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW12    | 09/17/91      | ---          | 12.61            | 8.20         | 4.41       | Sheen           | ---         | 82,000      | ---         | ---               | ---               | 22,000   | 18,000   | 3,900    | 16,000   |
| MW12    | 11/13/91      | ---          | 12.61            | 7.77         | 4.84       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW12    | 12/01/91      | ---          | 12.61            | 7.75         | 4.86       | Sheen           | 1,700       | 99,000      | ---         | ---               | ---               | 18,000   | 16,000   | 3,000    | 11,000   |
| MW12    | 01/21/92      | ---          | 12.61            | 7.08         | 5.53       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW12    | 03/25/92      | ---          | 12.61            | 4.93         | 7.68       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW12    | 06/22/92      | ---          | 12.61            | 6.04         | 6.57       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW12    | 09/24/92      | ---          | 12.61            | 6.94         | 5.67       | No              | 3,100       | 570,000     | ---         | ---               | ---               | 62,000   | 46,000   | 15,000   | 57,000   |
| MW12    | 10/14/92      | ---          | 12.61            | 7.21         | 5.40       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW12    | 11/16/92      | ---          | 12.61            | 7.00         | 5.61       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW12    | 12/08/92      | ---          | 12.61            | 6.70         | 5.91       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW12    | 01/27/93      | ---          | 12.61            | 4.16         | 8.45       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW12    | 02/18/93      | ---          | 12.61            | 4.01         | 8.60       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date       | Depth (feet) | TOC Elev. (feet) | Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L)      | T (µg/L)     | E (µg/L)       | X (µg/L) |
|---------|---------------------|--------------|------------------|--------------|------------|-----------------|-------------|-------------|-------------|-------------------|-------------------|---------------|--------------|----------------|----------|
| MW12    | 03/10/93            | ---          | 12.61            | 3.94         | 8.67       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 04/06/93            | ---          | 12.61            | 3.69         | 8.92       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 05/28/93            | ---          | 12.61            | 4.66         | 7.95       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 06/10/93            | ---          | 12.61            | 4.78         | 7.83       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 07/17/93            | ---          | 12.61            | 5.42         | 7.19       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 08/11/93            | ---          | 12.61            | 5.83         | 6.78       | Sheen           | 2,400/190q  | 94,000      | ---         | ---               | 10,000/13,000o    | 8,300/11,000o | 2,800/4,000o | 13,000/15,000o | ---      |
| MW12    | 09/01/93            | ---          | 12.61            | 6.22         | 6.39       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 10/26/93            | ---          | 12.61            | 6.82         | 5.79       | No              | 17,000      | 68,000      | ---         | ---               | 11,000            | 8,500         | 3,400        | 13,000         | ---      |
| MW12    | 11/12/93            | ---          | 12.61            | 6.88         | 5.73       | No              | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 12/27/93            | ---          | 12.61            | 8.04         | 4.57       | No              | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 01/20/94            | ---          | 12.61            | 7.81         | 4.80       | No              | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 02/02/94 - 02/03/94 | ---          | 12.61            | 7.22         | 5.39       | No              | 18,000      | 48,000      | ---         | ---               | 4,000             | 2,700         | 2,900        | 9,900          | ---      |
| MW12    | 03/10/94            | ---          | 12.61            | 6.16         | 6.45       | No              | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 04/22/94            | ---          | 12.61            | 6.31         | 6.30       | No              | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 05/10/94 - 05/11/94 | ---          | 12.61            | 6.16         | 6.45       | No              | 8,200       | 46,000      | ---         | ---               | 3,000s            | 1,600         | 2,900        | 9,100          | ---      |
| MW12    | 06/27/94            | ---          | 12.61            | 6.55         | 6.06       | No              | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 08/31/94            | ---          | 12.61            | 7.97         | 4.64       | No              | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 09/29/94            | ---          | 12.61            | 8.52         | 4.09       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 10/25/94            | ---          | 12.61            | 8.74         | 3.87       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 11/30/94            | ---          | 12.61            | 8.73         | 3.88       | ---             | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 12/30/94            | ---          | 12.61            | 6.17         | 6.44       | No              | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 02/06/95            | ---          | 12.61            | 4.44         | 8.17       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 06/07/95            | ---          | 12.61            | 6.59         | 6.02       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 09/18/95            | ---          | 12.61            | 8.96         | 3.65       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 11/01/95            | ---          | 12.61            | 10.75        | 1.86       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 02/14/96            | ---          | 12.61            | 7.73         | 4.88       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 06/19/96            | ---          | 12.61            | 5.80         | 6.81       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 09/24/96            | ---          | 12.61            | 9.14         | 3.47       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 12/11/96            | ---          | 12.61            | 7.31         | 5.30       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 03/19/97            | ---          | 12.61            | 9.96         | 2.65       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 06/04/97            | ---          | 12.61            | 8.81         | 3.80       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 09/02/97            | ---          | 12.61            | 8.93         | 3.68       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---           | ---          | ---            | ---      |
| MW12    | 12/02/97            | ---          | 12.61            | 8.41         | 4.20       | No              | 3,900       | 45,000      | <250        | ---               | 1,800             | 560           | 3,100        | 8,700          | ---      |
| MW12    | 03/24/98            | ---          | 12.61            | 5.37         | 7.24       | No              | 8,800       | 42,000      | <250        | ---               | 820               | 280           | 2,800        | 6,800          | ---      |
| MW12    | 06/23/98            | ---          | 12.61            | 8.43         | 4.18       | Sheen           | 7,800       | 39,000      | 560         | ---               | 1,000             | 200           | 2,300        | 4,900          | ---      |
| MW12    | 09/29/98            | ---          | 12.61            | 8.94         | 3.67       | Sheen           | 21,000      | 40,000      | <500        | ---               | 1,100             | 150           | 2,200        | 3,100          | ---      |
| MW12    | 12/30/98            | ---          | 12.61            | 8.47         | 4.14       | Sheen           | 49,000      | 79,000      | <500        | ---               | 1,400             | 400           | 3,300        | 8,500          | ---      |
| MW12    | 03/24/99            | ---          | 12.61            | 3.71         | 8.90       | Sheen           | 5,070       | 40,600      | <20         | ---               | 328               | 182           | 1,690        | 3,930          | ---      |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date     | Depth (feet) | TOC Elev. (feet) | Elev. (feet)             | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L)     | T (µg/L)     | E (µg/L)     | X (µg/L)       |
|---------|-------------------|--------------|------------------|--------------------------|------------|-----------------|-------------|-------------|-------------|-------------------|-------------------|--------------|--------------|--------------|----------------|
| MW12    | 06/22/99          | ---          | 12.61            | 4.91                     | 7.70       | Sheen           |             | 15,000      | 54,800      | 109               | ---               | 203          | 244          | 1,530        | 3,790          |
| MW12    | 09/29/99          | ---          | 12.61            | 7.41                     | 5.20       | No              |             | 6,830f      | 22,900      | 194               | ---               | 422          | 72.6         | 1,790        | 2,270          |
| MW12    | 12/21/99          | ---          | 12.61            | 7.46                     | 5.15       | No              |             | 10,000      | 25,000      | <40               | ---               | 580          | 26           | 1,400        | 1,360          |
| MW12    | 03/21/00          | ---          | 12.61            | 3.57                     | 9.04       | No              |             | 4,400       | 23,000      | 860               | ---               | 690          | 33           | 1,600        | 3,290          |
| MW12    | 03/30/01          | ---          | 12.61            | Well covered by asphalt. |            |                 |             |             |             |                   |                   |              |              |              |                |
| MW13    | Prior to 12/06/08 | ---          | Well installed.  |                          |            |                 |             |             |             |                   |                   |              |              |              |                |
| MW13    | 12/06/89          | ---          | 14.20            | 9.35                     | 4.85       | No              |             | 31,000      | 52,000      | ---               | ---               | 2,100        | 2,000        | 1,400        | 6,100          |
| MW13    | 02/20/90          | ---          | 14.20            | 7.73                     | 6.47       | No              |             | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---            |
| MW13    | 04/19/90          | ---          | 14.20            | 8.68                     | 5.52       | No              |             | 54,000      | 59,000      | ---               | ---               | 1,800        | 1,500        | 1,400        | 7,200          |
| MW13    | 07/03/90          | ---          | 14.20            | 8.00                     | 6.20       | No              |             | 26,000      | 53,000      | ---               | ---               | 4,500        | 3,100        | 2,200        | 7,800          |
| MW13    | 07/26/90          | ---          | 14.20            | 7.95                     | 6.25       | No              |             | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---            |
| MW13    | 08/20/90          | ---          | 14.20            | 8.66                     | 5.54       | No              |             | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---            |
| MW13    | 09/19/90          | ---          | 14.20            | 9.13                     | 5.07       | No              |             | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---            |
| MW13    | 11/27/90          | ---          | 14.20            | 9.49                     | 4.71       | No              |             | 1,600       | 20,000      | ---               | ---               | 4,500        | 1,100        | 880          | 3,300          |
| MW13    | 01/17/91          | ---          | 14.20            | 9.61                     | 4.59       | No              |             | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---            |
| MW13    | 03/26/91          | ---          | 14.20            | 9.25                     | 4.95       | No              |             | <100        | 72,000      | ---               | ---               | 10,000       | 8,300        | 1,700        | 6,900          |
| MW13    | 05/02/91          | ---          | 14.20            | 9.31                     | 4.89       | No              |             | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---            |
| MW13    | 06/20/91          | ---          | 14.20            | 9.73                     | 4.47       | No              |             | <100        | 44,000      | ---               | ---               | 5,600        | 3,100        | 750          | 2,600          |
| MW13    | 08/07/91          | ---          | 14.20            | Well inaccessible.       |            |                 |             |             |             |                   |                   |              |              |              |                |
| MW13    | 09/17/91          | ---          | 14.20            | 9.72                     | 4.48       | No              |             | ---         | 40,000      | ---               | ---               | 11,000       | 6,500        | 2,400        | 8,100          |
| MW13    | 11/13/91          | ---          | 14.20            | 9.06                     | 5.14       | No              |             | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---            |
| MW13    | 12/10/91          | ---          | 14.20            | 9.04                     | 5.16       | No              |             | 3,700       | 72,000      | ---               | ---               | 11,000       | 7,400        | 2,500        | 9,400          |
| MW13    | 01/21/92          | ---          | 14.20            | 8.41                     | 5.79       | No              |             | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---            |
| MW13    | 03/25/92          | ---          | 14.20            | 5.72                     | 8.48       | Sheen           |             | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---            |
| MW13    | 06/22/92          | ---          | 14.20            | 7.31                     | 6.89       | Sheen           |             | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---            |
| MW13    | 09/24/92          | ---          | 14.20            | 8.30                     | 5.90       | No              |             | 2,900       | 86,000      | ---               | ---               | 9,500        | 6,100        | 2,400        | 10,000         |
| MW13    | 10/14/92          | ---          | 14.20            | 8.56                     | 5.64       | Sheen           |             | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---            |
| MW13    | 11/16/92          | ---          | 14.20            | 8.36                     | 5.84       | Sheen           |             | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---            |
| MW13    | 12/08/92          | ---          | 14.20            | 8.10                     | 6.10       | Sheen           |             | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---            |
| MW13    | 01/27/93          | ---          | 14.20            | ---                      | ---        | ---             |             | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---            |
| MW13    | 02/18/93          | ---          | 14.20            | 4.89                     | 9.31       | Sheen           |             | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---            |
| MW13    | 03/10/93          | ---          | 14.20            | 5.32                     | 8.88       | Sheen           |             | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---            |
| MW13    | 04/06/93          | ---          | 14.20            | 5.10                     | 9.10       | Sheen           |             | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---            |
| MW13    | 05/28/93          | ---          | 14.20            | 6.00                     | 8.20       | Sheen           |             | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---            |
| MW13    | 06/10/93          | ---          | 14.20            | 6.15                     | 8.05       | Sheen           |             | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---            |
| MW13    | 07/17/93          | ---          | 14.20            | 6.82                     | 7.38       | Sheen           |             | ---         | ---         | ---               | ---               | ---          | ---          | ---          | ---            |
| MW13    | 08/11/93          | ---          | 14.20            | 7.31                     | 6.89       | Sheen           |             | 2,500/360q  | 62,000      | ---               | ---               | 5,600/7,700o | 2,700/3,700o | 2,300/3,500o | 11,000/14,000o |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date       | Depth (feet) | TOC Elev. (feet) | Elev. (feet)       | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------------|--------------|------------------|--------------------|------------|-----------------|-------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW13    | 09/01/93            | ---          | 14.20            | 7.62               | 6.58       | Sheen           |             |             |             | ---               | ---               |          |          |          |          |
| MW13    | 10/26/93            | ---          | 14.20            | 8.22               | 5.98       | No              | 15,000      | 46,000      | ---         | ---               |                   | 5,200    | 3,200    | 2,500    | 11,000   |
| MW13    | 11/12/93            | ---          | 14.20            | 8.29               | 5.91       | No              | ---         | ---         | ---         | ---               |                   | ---      | ---      | ---      | ---      |
| MW13    | 12/27/93            | ---          | 14.20            | ---                | ---        | ---             |             |             |             | ---               | ---               |          |          |          |          |
| MW13    | 01/20/94            | ---          | 14.20            | 9.08               | 5.12       | No              | ---         | ---         | ---         | ---               |                   | ---      | ---      | ---      | ---      |
| MW13    | 02/02/94 - 02/03/94 | ---          | 14.20            | 8.75               | 5.45       | No              | 8,100       | 41,000      | ---         | ---               |                   | 3,800    | 1,500    | 2,700    | 9,500    |
| MW13    | 03/10/94            | ---          | 14.20            | 7.46               | 6.74       | Sheen           | ---         | ---         | ---         | ---               |                   | ---      | ---      | ---      | ---      |
| MW13    | 04/22/94            | ---          | 14.20            | 7.78               | 6.42       | Sheen           | ---         | ---         | ---         | ---               |                   | ---      | ---      | ---      | ---      |
| MW13    | 05/10/94 - 05/11/94 | ---          | 14.20            | 7.61               | 6.59       | No              | 15,000      | 39,000      | ---         | ---               |                   | 3,400    | 930      | 2,400    | 8,900    |
| MW13    | 06/27/94            | ---          | 14.20            | 7.97               | 6.23       | No              | ---         | ---         | ---         | ---               |                   | ---      | ---      | ---      | ---      |
| MW13    | 08/31/94            | ---          | 14.20            | 9.21               | 4.99       | No              | ---         | ---         | ---         | ---               |                   | ---      | ---      | ---      | ---      |
| MW13    | 09/29/94            | ---          | 14.20            | 9.61               | 4.59       | No              | 320         | 57,000      | ---         | ---               |                   | 2,100    | 470      | 2,600    | 8,100    |
| MW13    | 10/25/94            | ---          | 14.20            | 9.93               | 4.27       | Sheen           | ---         | ---         | ---         | ---               |                   | ---      | ---      | ---      | ---      |
| MW13    | 11/30/94            | ---          | 14.20            | 8.16               | 6.04       | ---             | ---         | ---         | ---         | ---               |                   | ---      | ---      | ---      | ---      |
| MW13    | 12/27/94            | ---          | 14.20            | 7.61               | 6.59       | ---             | ---         | ---         | ---         | ---               |                   | ---      | ---      | ---      | ---      |
| MW13    | 02/06/95            | ---          | 14.20            | 5.89               | 8.31       | Sheen           | ---         | ---         | ---         | ---               |                   | ---      | ---      | ---      | ---      |
| MW13    | 06/07/95            | ---          | 14.20            | 8.05               | 6.15       | Sheen           | ---         | ---         | ---         | ---               |                   | ---      | ---      | ---      | ---      |
| MW13    | 09/18/95            | ---          | 14.20            | 9.94               | 4.26       | Sheen           | ---         | ---         | ---         | ---               |                   | ---      | ---      | ---      | ---      |
| MW13    | 11/01/95            | ---          | 14.20            | 10.48              | 3.72       | Sheen           | ---         | ---         | ---         | ---               |                   | ---      | ---      | ---      | ---      |
| MW13    | 02/14/96            | ---          | 14.20            | 8.88               | 5.32       | Sheen           | ---         | ---         | ---         | ---               |                   | ---      | ---      | ---      | ---      |
| MW13    | 06/19/96            | ---          | 14.20            | 7.22               | 6.98       | Sheen           | ---         | ---         | ---         | ---               |                   | ---      | ---      | ---      | ---      |
| MW13    | 09/24/96            | ---          | 14.20            | 10.27              | 3.93       | Sheen           | ---         | ---         | ---         | ---               |                   | ---      | ---      | ---      | ---      |
| MW13    | 12/11/96            | ---          | 14.20            | 8.77               | 5.43       | Sheen           | ---         | ---         | ---         | ---               |                   | ---      | ---      | ---      | ---      |
| MW13    | 03/19/97            | ---          | 14.20            | 9.46               | 4.74       | Sheen           | ---         | ---         | ---         | ---               |                   | ---      | ---      | ---      | ---      |
| MW13    | 06/04/97            | ---          | 14.20            | 9.59               | 4.61       | Sheen           | ---         | ---         | ---         | ---               |                   | ---      | ---      | ---      | ---      |
| MW13    | 09/02/97            | ---          | 14.20            | 9.68               | 4.52       | Sheen           | ---         | ---         | ---         | ---               |                   | ---      | ---      | ---      | ---      |
| MW13    | 12/02/97            | ---          | 14.20            | 9.16               | 5.04       | No              | 16,000      | 14,000      | <250        | ---               |                   | 210      | <50      | 920      | 1,000    |
| MW13    | 03/24/98            | ---          | 14.20            | 6.71               | 7.49       | No              | 1,700       | 5,600       | 55          | ---               |                   | 110      | 6.0      | 420      | 330      |
| MW13    | 06/23/98            | ---          | 14.20            | 8.87               | 5.33       | No              | 3,800       | 12,000      | 200         | ---               |                   | 120      | <20      | 300      | 300      |
| MW13    | 09/29/98            | ---          | 14.20            | 9.79               | 4.41       | No              | 2,400       | 4,900       | 130         | ---               |                   | 130      | 12.0     | 410      | 200      |
| MW13    | 12/30/98            | ---          | 14.20            | 9.03               | 5.17       | No              | 2,000       | 6,700       | 520         | ---               |                   | 100      | 11       | 400      | 250      |
| MW13    | 03/24/99            | ---          | 14.20            | 4.91               | 9.29       | Sheen           | 688         | 3,730       | 15.5        | ---               |                   | 35.9     | 1.58     | 150      | 112      |
| MW13    | 06/22/99            | ---          | 14.20            | 5.66               | 8.54       | Sheen           | 4,090       | 7,220       | 56.4        | ---               |                   | 29.0     | <5.0     | 496      | 318      |
| MW13    | 09/29/99            | ---          | 14.20            | 8.62               | 5.58       | No              | 1,060f      | 5,200       | 103         | ---               |                   | 83.0     | 5.90     | 322      | 126      |
| MW13    | 12/21/99            | ---          | 14.20            | 8.59               | 5.61       | No              | 1,800       | 4,400       | <2          | ---               |                   | 52       | 1.9      | 340      | 115      |
| MW13    | 03/21/00            | ---          | 14.20            | Well inaccessible. |            |                 |             |             |             |                   |                   |          |          |          |          |
| MW13    | 12/21/00            | ---          | Well destroyed.  |                    |            |                 |             |             |             |                   |                   |          |          |          |          |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date       | Depth (feet) | TOC Elev. (feet) | Elev. (feet)       | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |  |
|---------|---------------------|--------------|------------------|--------------------|------------|-----------------|-------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|--|
| MW14    | 10/31/90            | ---          | Well installed.  |                    |            |                 |             |             |             |                   |                   |          |          |          |          |  |
| MW14    | 11/27/90            | ---          | 15.18            | 9.88               | 5.30       | No              |             | 120         | 390         | ---               | ---               | <0.5     | <0.5     | 3.6      | 3.7      |  |
| MW14    | 01/17/91            | ---          | 15.18            | 9.13               | 6.05       | No              |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW14    | 03/26/91            | ---          | 15.18            | 8.51               | 6.67       | No              |             | <100        | 200         | ---               | ---               | <0.5     | 1.5      | 0.8      | 3.6      |  |
| MW14    | 05/02/91            | ---          | 15.18            | 8.45               | 6.73       | No              |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW14    | 06/20/91            | ---          | 15.18            | 8.38               | 6.80       | No              |             | <100        | 110         | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |  |
| MW14    | 09/17/91            | ---          | 15.18            | 9.14               | 6.04       | No              |             | ---         | 450         | ---               | ---               | <0.5     | <0.5     | 3.2      | 2.3      |  |
| MW14    | 11/13/91            | ---          | 15.18            | 8.83               | 6.35       | No              |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW14    | 12/10/91            | ---          | 15.18            | 8.90               | 6.28       | No              |             | 280         | 71          | ---               | ---               | 0.5      | <0.5     | <0.5     | <0.5     |  |
| MW14    | 01/21/92            | ---          | 15.18            | 8.58               | 6.60       | No              |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW14    | 03/25/92            | ---          | 15.18            | 6.15               | 9.03       | No              |             | 640         | 61          | ---               | ---               | <0.5     | <0.5     | 1.1      | <0.5     |  |
| MW14    | 06/22/92            | ---          | 15.18            | 7.70               | 7.48       | No              |             | 350         | 140         | ---               | ---               | <0.5     | <0.5     | 0.6      | 2        |  |
| MW14    | 09/24/92            | ---          | 15.18            | 9.34               | 5.84       | No              |             | 300         | 75          | ---               | ---               | <0.5     | <0.5     | <0.5     | <0.5     |  |
| MW14    | 10/14/92            | ---          | 15.18            | 9.40               | 5.78       | No              |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW14    | 11/16/92            | ---          | 15.18            | 9.17               | 6.01       | No              |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW14    | 12/08/92            | ---          | 15.18            | 8.89               | 6.29       | No              |             | 220         | 350         | ---               | ---               | 2.5      | 1.0      | 1.5      | 8.1      |  |
| MW14    | 01/17/93            | ---          | 15.18            | 8.54               | 6.64       | No              |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW14    | 02/18/93            | ---          | 15.18            | ---                | ---        | ---             |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW14    | 03/10/93            | ---          | 15.18            | 5.55               | 9.63       | No              |             | <250p       | 410         | ---               | ---               | <0.5     | <0.5     | 0.9      | 1.6      |  |
| MW14    | 04/06/93            | ---          | 15.18            | 5.34               | 9.84       | No              |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW14    | 05/28/93            | ---          | 15.18            | 6.07               | 9.11       | No              |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW14    | 06/10/93            | ---          | 15.18            | 6.30               | 8.88       | No              |             | 180         | 180         | ---               | ---               | <0.5     | <0.5     | 0.8      | 1.9/500r |  |
| MW14    | 07/17/93            | ---          | 15.18            | 7.77               | 7.41       | No              |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW14    | 08/11/93            | ---          | 15.18            | 7.62               | 7.56       | No              |             | 180/140q    | 180         | ---               | ---               | 0.6/<5o  | <0.5/<5o | 1.6/<5o  | 3.7/<5o  |  |
| MW14    | 09/01/93            | ---          | 15.18            | 8.09               | 7.09       | No              |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW14    | 10/26/93            | ---          | 15.18            | 8.18               | 7.00       | No              |             | 200         | 260         | ---               | ---               | <0.5     | <0.5     | <0.5     | 3.6      |  |
| MW14    | 11/12/93            | ---          | 15.18            | 8.16               | 7.02       | No              |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW14    | 12/27/93            | ---          | 15.18            | 7.95               | 7.23       | No              |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW14    | 01/20/94            | ---          | 15.18            | ---                | ---        | ---             |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW14    | 02/02/94 - 02/03/94 | ---          | 15.18            | Well inaccessible. |            |                 |             |             |             |                   |                   |          |          |          |          |  |
| MW14    | 03/10/94            | ---          | 15.18            | 7.84               | 7.34       | No              |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW14    | 04/22/94            | ---          | 15.18            | 8.00               | 7.18       | No              |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW14    | 05/10/94 - 05/11/94 | ---          | 15.18            | 7.93               | 7.25       | No              |             | 1,100s      | 300         | ---               | ---               | 2.7      | 7.9      | 2.0      | 27       |  |
| MW14    | 06/27/94            | ---          | 15.18            | 8.19               | 6.99       | No              |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW14    | 08/31/94            | ---          | 15.18            | 9.44               | 5.74       | No              |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |
| MW14    | 09/29/94            | ---          | 15.18            | 9.82               | 5.36       | No              |             | ---         | 300         | 1,600             | ---               | <0.5     | <0.5     | 0.9      | 1.3      |  |
| MW14    | 10/25/94            | ---          | 15.18            | 9.99               | 5.19       | No              |             | ---         | 200         | 210               | ---               | <0.5     | <0.5     | 0.8      | <0.5     |  |
| MW14    | 11/30/94            | ---          | 15.18            | 8.16               | 7.02       | ---             |             | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |  |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date | Depth (feet) | TOC Elev. (feet) | Elev. (feet)   | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------|--------------|------------------|--|------------|-----------------|-------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW14    | 12/27/94      | ---          | 15.18            | 8.15   | 7.03       |                 | Sheen       | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW14    | 02/06/95      | ---          | 15.18            | 7.18   | 8.00       |                 | No          | 1,200       | 360         | ---               | ---               | <1.0     | <1.0     | <1.0     | <1.0     |
| MW14    | 06/07/95      | ---          | 15.18            | 7.70   | 7.48       |                 | No          | 1,100       | 670         | <2.5              | ---               | <0.5     | <0.5     | 3.6      | <0.5     |
| MW14    | 09/18/95      | ---          | 15.18            | 9.88   | 5.30       |                 | No          | 1,900       | 1,300       | <10               | ---               | <2.0     | <2.0     | <2.0     | 3        |
| MW14    | 11/01/95      | ---          | 15.18            | 10.56  | 4.62       |                 | No          | 2,700       | 1,100       | <13               | ---               | <2.5     | <2.5     | 3.2      | 3.1      |
| MW14    | 02/14/96      | ---          | 15.18            | 9.08   | 6.10       |                 | No          | 1,500       | 470         | <2.5              | ---               | <0.5     | <0.5     | 1.3      | <0.5     |
| MW14    | 06/19/96      | ---          | 15.18            | 8.50   | 6.68       |                 | No          | 2,000       | 610         | <12               | ---               | <2.5     | <2.5     | <2.5     | <2.5     |
| MW14    | 09/24/96      | ---          | 15.18            | 10.23  | 4.95       |                 | No          | 5,100       | 1,000       | <25               | ---               | <5.0     | <5.0     | <5.0     | <5.0     |
| MW14    | 12/11/96      | ---          | 15.18            | 9.09   | 6.09       |                 | No          | 2,100 i     | 1,100       | <10               | ---               | <2.0     | <2.0     | <2.0     | 3.3      |
| MW14    | 03/19/97      | ---          | 15.18            | 7.99   | 7.19       |                 | No          | 1,400       | 690         | <2.5              | ---               | 0.65     | 1.7      | 2.5      | 8.3      |
| MW14    | 06/04/97      | ---          | 15.18            | 9.30   | 5.88       |                 | No          | 1,500       | 730         | <2.5              | ---               | <1.2     | <1.2     | 3.5      | 5.3      |
| MW14    | 09/02/97      | ---          | 15.18            | 9.92   | 5.26       |                 | No          | 1,900       | 910         | <5.0              | ---               | <5.0     | <5.0     | <5.0     | 5.9      |
| MW14    | 12/02/97      | ---          | 15.18            | 9.13   | 6.05       |                 | No          | 1,200       | 570         | <2.5              | ---               | 0.85     | <0.5     | <0.5     | 1.7      |
| MW14    | 03/24/98      | ---          | 15.18            | 8.52   | 6.66       |                 | No          | 1,300       | 650         | 5.7               | ---               | 1.7      | <1.0     | <1.0     | 2.3      |
| MW14    | 06/23/98      | ---          | 15.18            | 8.69   | 6.49       |                 | No          | 1,100       | 470         | <2.5              | ---               | <0.5     | 1.5      | 1.1      | 3.0      |
| MW14    | 09/29/98      | ---          | 15.18            | 9.41   | 5.77       |                 | No          | 930         | 570         | <2.5              | ---               | <0.50    | <0.50    | 2.5      | 3.5      |
| MW14    | 12/30/98      | ---          | 15.18            | 9.31   | 5.87       |                 | No          | 2,000       | 420         | <2.5              | ---               | <0.5     | <0.5     | <0.5     | 2.8      |
| MW14    | 03/24/99      | ---          | 15.18            | 4.23   | 10.95      |                 | No          | 936         | 456         | <2.0              | ---               | <0.5     | <0.5     | 0.685    | <0.5     |
| MW14    | 06/22/99      | ---          | 15.18            | 7.24   | 7.94       |                 | No          | 1,720       | 403         | <2.0              | ---               | <0.5     | <0.5     | <0.5     | <0.5     |
| MW14    | 09/29/99      | ---          | 15.18            | 9.41   | 5.77       |                 | No          | 927f        | 388         | <2.5              | ---               | 1.31     | <0.5     | 0.864    | 2.07     |
| MW14    | 12/21/99      | ---          | 15.18            | 8.93   | 6.25       |                 | No          | 1,400       | 420         | <2                | ---               | 0.61     | <0.5     | <0.5     | 6.3      |
| MW14    | 03/21/00      | ---          | 15.18            | 5.76   | 9.42       |                 | No          | ---         | 390         | <2                | ---               | 1.4      | <0.5     | 0.82     | 4.5      |
| MW14    | 03/30/01      | ---          | 15.18            | 4.21   | 10.97      |                 | No          | 980         | 330         | ---               | <5                | <0.5     | <0.5     | 1.3      | 3.03     |
| MW14    | 11/01/01      | ---          | 15.14            | Well surveyed in compliance with AB 2886 requirements. |            |                 |             |             |             |                   |                   |          |          |          |          |
| MW14    | 03/11/02 k    | ---          | 15.14            | 4.87   | 10.27      |                 | No          | 954         | 146         | 1.40              | 0.6               | <0.50    | <0.50    | 0.90     | 5.70     |
| MW14    | 03/11/03      | ---          | 15.14            | 6.99   | 8.15       |                 | No          | 1,020       | 331         | <0.5              | ---               | <0.50    | <0.5     | <0.5     | <0.5     |
| MW14    | 03/26/04      | ---          | 15.14            | 7.82   | 7.32       |                 | No          | 586g        | 235         | ---               | <0.50             | 1.20     | 0.8      | 0.6      | 1.4      |
| MW14    | 11/02/04      | ---          | 15.14            | 7.06   | 8.08       |                 | No          | 1,110g      | 282         | ---               | <0.50             | 0.90     | <0.5     | 1.6      | 7.2      |
| MW14    | 02/04/05      | ---          | 15.14            | 6.15   | 8.99       |                 | No          | 2,880g      | 327         | ---               | <0.50             | 0.60     | <0.5     | 0.8      | 1.8      |
| MW14    | 05/02/05      | ---          | 15.14            | 4.97   | 10.17      |                 | No          | 2,590g      | 363         | ---               | <0.50             | 1.20     | 0.5      | 1.4      | 2.5      |
| MW14    | 08/01/05      | ---          | 15.14            | 5.31   | 9.83       |                 | No          | 2,690g      | 280         | ---               | <0.50             | 0.90     | <0.5     | 0.9      | 1.8      |
| MW14    | 10/25/05      | ---          | 15.14            | 5.16   | 9.98       |                 | No          | 5,410g      | 342         | ---               | <0.500            | 0.82     | <0.50    | <0.50    | 1.98     |
| MW14    | 01/24/06      | ---          | 15.14            | 5.40   | 9.74       |                 | No          | 440g        | 290         | ---               | <0.50             | 1.4      | <0.50    | 1.9      | <0.50    |
| MW14    | 04/28/06      | ---          | 15.14            | 4.06   | 11.08      |                 | No          | 190g        | 370         | ---               | <0.50n            | 1.9n     | <0.50    | 4.2      | <0.50    |
| MW14    | 08/04/06      | ---          | 15.14            | 4.77   | 10.37      |                 | No          | 1,290       | 347         | ---               | <0.500            | 1.14     | <0.50    | <0.50    | 0.61     |
| MW14    | 10/06/06      | ---          | 15.14            | 6.97   | 8.17       |                 | No          | 160g,j      | 290         | ---               | <0.50             | 1.3      | 1.4      | 3.7      | 3.0      |
| MW14    | 01/12/07      | ---          | 15.14            | 6.86   | 8.28       |                 | No          | 160g        | 250         | ---               | <0.50             | 1.2      | <0.50    | 2.0      | <0.50    |
| MW14    | 04/09/07      | ---          | 15.14            | 8.31   | 6.83       |                 | No          | 330g        | 309         | ---               | <0.500            | 1.01     | 0.55     | 0.97     | 1.17     |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID     | Sampling Date     | Depth (feet) | TOC Elev. (feet) | Elev. (feet)       | DW (feet)    | GW Elev. (feet) | NAPL (feet)   | TPHd (µg/L)   | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L)        | T (µg/L)        | E (µg/L)       | X (µg/L) |
|-------------|-------------------|--------------|------------------|--------------------|--------------|-----------------|---------------|---------------|-------------|-------------------|-------------------|-----------------|-----------------|----------------|----------|
| MW14        | 08/06/07          | ---          | 15.14            | 7.41               | 7.73         | No              | 200g          | 290           | ---         | <0.50             | <0.50             | <0.50           | 1.0             | <0.50          |          |
| MW14        | 11/15/07          | ---          | 15.14            | 7.97               | 7.17         | No              | 210g          | 260           | ---         | <0.50             | 0.66              | <0.50           | <0.50           | 1.5            |          |
| MW14        | 01/02/08          | ---          | 15.14            | 8.36               | 6.78         | No              | 250g,j        | 380           | ---         | <0.50             | 0.78              | <0.50           | 1.4             | 3.4            |          |
| MW14        | 04/03/08          | ---          | 15.14            | 8.75               | 6.39         | No              | 970g          | 400           | ---         | <0.50             | 2.0               | 2.8             | 3.9             | 2.4            |          |
| MW14        | 07/09/08          | ---          | 15.14            | 7.43               | 7.71         | No              | 1,200g        | 280           | ---         | <0.50             | <0.50             | <0.50           | <0.50           | <0.50          |          |
| MW14        | 10/01/08          | ---          | 15.14            | 7.92               | 7.22         | No              | 95            | 500           | ---         | <0.50             | <0.50             | <0.50           | 1.5             | 4.4            |          |
| MW14        | 01/07/09          | ---          | 15.14            | 6.96               | 8.18         | No              | 1,100         | 370           | ---         | <0.50             | <0.50             | <0.50           | 1.4             | 2.2            |          |
| MW14        | 01/16/09          | ---          | 15.14            | 7.53               | 7.61         | No              | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---            |          |
| MW14        | 04/24/09          | ---          | 15.14            | 5.71               | 9.43         | No              | 410           | 500           | ---         | <0.50             | <0.50             | <0.50           | 1.2             | <1.0           |          |
| MW14        | 07/01/09          | ---          | 15.14            | 6.71               | 8.43         | No              | 130           | 360           | ---         | <0.50             | <0.50             | <0.50           | <0.50           | <1.0           |          |
| MW14        | 10/01/09          | ---          | 15.14            | 7.15               | 7.99         | No              | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---            |          |
| MW14        | 03/04/10          | ---          | 15.14            | 4.75               | 10.39        | No              | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---            |          |
| MW14        | 05/06/10          | ---          | 15.14            | 4.64               | 10.50        | No              | 850g          | 990           | ---         | <0.50             | 3.1               | 0.53            | 1.8             | 4.5            |          |
| MW14        | 08/06/10          | ---          | 15.14            | 5.72               | 9.42         | No              | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---            |          |
| MW14        | 11/02/10          | ---          | 15.14            | 6.50               | 8.64         | No              | 730g          | 1,100g        | ---         | <0.50             | <0.50             | <0.50           | <0.50           | <1.0           |          |
| MW14        | 04/21/11          | ---          | 15.14            | 8.25               | 6.89         | No              | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---            |          |
| MW14        | 04/22/11          | ---          | 15.14            | ---                | ---          | ---             | 750g          | 1,400g        | ---         | <0.50             | <0.50             | <0.50           | <0.50           | <1.0           |          |
| MW14        | 10/18/11          | ---          | 15.14            | 8.81               | 6.33         | No              | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---            |          |
| MW14        | 10/19/11          | ---          | 15.14            | ---                | ---          | ---             | 810g          | 1,700g        | ---         | <0.50             | <0.50             | <0.50           | <0.50           | <1.0           |          |
| <b>MW14</b> | <b>04/25/12</b>   | ---          | <b>15.14</b>     | <b>3.63</b>        | <b>11.51</b> | <b>Sheen</b>    | <b>1,400g</b> | <b>1,600g</b> | ---         | <b>&lt;0.50</b>   | <b>&lt;0.50</b>   | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;1.0</b> |          |
| MW15        | Prior to 11/27/90 | ---          | Well installed.  |                    |              | ---             | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---            |          |
| MW15        | 11/27/90          | ---          | 13.73            | 8.67               | 5.06         | No              | 340           | 2,700         | ---         | ---               | 210               | 5.5             | 600             | 250            |          |
| MW15        | 01/17/91          | ---          | 13.73            | 8.03               | 5.70         | No              | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---            |          |
| MW15        | 03/26/91          | ---          | 13.73            | Well inaccessible. |              |                 | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---            |          |
| MW15        | 05/02/91          | ---          | 13.73            | 7.09               | 6.64         | No              | <100          | 380           | ---         | ---               | <0.5              | <0.5            | <0.5            | 1.3            |          |
| MW15        | 06/20/91          | ---          | 13.73            | 7.06               | 6.67         | No              | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---            |          |
| MW15        | 08/07/91          | ---          | 13.73            | 7.59               | 6.14         | No              | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---            |          |
| MW15        | 09/17/91          | ---          | 13.73            | 7.89               | 5.84         | No              | ---           | 490           | ---         | ---               | 2.9               | 1.7             | 33              | 1.3            |          |
| MW15        | 11/13/91          | ---          | 13.73            | 9.07               | 4.66         | No              | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---            |          |
| MW15        | 12/10/91          | ---          | 13.73            | 8.60               | 5.13         | No              | 300           | 1,600         | ---         | ---               | 14                | 1.1             | 66              | 9.8            |          |
| MW15        | 01/21/92          | ---          | 13.73            | 9.15               | 4.58         | No              | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---            |          |
| MW15        | 03/25/92          | ---          | 13.73            | 8.10               | 5.63         | No              | 1,400         | 3,400         | ---         | ---               | 150               | 13              | 690             | 250            |          |
| MW15        | 06/22/92          | ---          | 13.73            | 5.80               | 7.93         | No              | 860           | 6,600         | ---         | ---               | 99                | <0.5            | 670             | 180            |          |
| MW15        | 09/24/92          | ---          | 13.73            | 7.21               | 6.52         | No              | 740           | 3,600         | ---         | ---               | 120               | 7               | 480             | 47             |          |
| MW15        | 10/14/92          | ---          | 13.73            | 7.40               | 6.33         | No              | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---            |          |
| MW15        | 11/16/92          | ---          | 13.73            | 7.55               | 6.18         | No              | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---            |          |
| MW15        | 12/08/92          | ---          | 13.73            | 7.42               | 6.31         | No              | 430           | 1,600         | ---         | ---               | 43                | 1.6             | 170             | 23             |          |



**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date       | Depth (feet) | TOC (feet) | Elev. (feet)       | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------------|--------------|------------|--------------------|------------|-----------------|-------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| MW15    | 01/27/93            | ---          | 13.73      | 4.37               | 9.36       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 02/18/93            | ---          | 13.73      | 4.14               | 9.59       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 03/10/93            | ---          | 13.73      | Well inaccessible. |            |                 |             |             |             |                   |                   |          |          |          |          |
| MW15    | 04/06/93            | ---          | 13.73      | 3.16               | 10.57      | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 05/28/93            | ---          | 13.73      | 4.47               | 9.26       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 06/10/93            | ---          | 13.73      | 4.59               | 9.14       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 07/17/93            | ---          | 13.73      | 5.51               | 8.22       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 08/11/93            | ---          | 13.73      | 6.13               | 7.60       | Sheen           | 710/300q    | 4,800       | ---         | ---               | 49/70o            | <2.5/<5o | 410/640o | 34/26o   | ---      |
| MW15    | 09/01/93            | ---          | 13.73      | 6.45               | 7.28       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 10/26/93            | ---          | 13.73      | 7.16               | 6.57       | No              | 970         | 3,400       | ---         | ---               | 79                | <2.5     | 115      | 32       | ---      |
| MW15    | 11/12/93            | ---          | 13.73      | 7.82               | 5.91       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 12/27/93            | ---          | 13.73      | 7.50               | 6.23       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 01/20/94            | ---          | 13.73      | 7.48               | 6.25       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 02/02/94 - 02/03/94 | ---          | 13.73      | 7.30               | 6.43       | No              | 1,200       | 4,300       | ---         | ---               | 24                | 6.7      | 170      | 26       | ---      |
| MW15    | 03/10/94            | ---          | 13.73      | 7.32               | 6.41       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 04/22/94            | ---          | 13.73      | 6.67               | 7.06       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 05/10/94 - 05/11/94 | ---          | 13.73      | 5.81               | 7.92       | No              | 1,400       | 3,900       | ---         | ---               | 16                | <0.5     | 150      | 13       | ---      |
| MW15    | 06/27/94            | ---          | 13.73      | 6.14               | 7.59       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 08/31/94            | ---          | 13.73      | 7.20               | 6.53       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 09/29/94            | ---          | 13.73      | 7.76               | 5.97       | No              | 420         | 2,500       | ---         | ---               | 51                | 15       | 48       | 3.6      | ---      |
| MW15    | 10/25/94            | ---          | 13.73      | 8.19               | 5.54       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 11/30/94            | ---          | 13.73      | 8.57               | 5.16       | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 12/27/94            | ---          | 13.73      | 6.49               | 7.24       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 02/06/95            | ---          | 13.73      | 4.97               | 8.76       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 06/07/95            | ---          | 13.73      | 7.14               | 6.59       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 09/18/95            | ---          | 13.73      | 9.00               | 4.73       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 11/01/95            | ---          | 13.73      | 10.67              | 3.06       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 02/14/96            | ---          | 13.73      | 7.27               | 6.46       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 06/19/96            | ---          | 13.73      | 6.65               | 7.08       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 09/24/96            | ---          | 13.73      | 9.45               | 4.28       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 12/11/96            | ---          | 13.73      | 7.77               | 5.96       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 03/19/97            | ---          | 13.73      | 8.15               | 5.58       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 06/04/97            | ---          | 13.73      | 8.62               | 5.11       | Sheen           | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| MW15    | 09/02/97            | ---          | 13.73      | 9.04               | 4.69       | No              | 480         | 1,100       | 23          | ---               | 19                | <2.0     | 11       | 4.9      | ---      |
| MW15    | 12/02/97            | ---          | 13.73      | 8.43               | 5.30       | No              | 600         | 1,700       | 58          | ---               | 20                | <5.0     | 11       | <5.0     | ---      |
| MW15    | 03/24/98            | ---          | 13.73      | 6.35               | 7.38       | No              | 450         | 2,100       | <100        | ---               | 570               | <20      | <20      | <20      | ---      |
| MW15    | 06/23/98            | ---          | 13.73      | 7.79               | 5.94       | No              | 570         | 2,300       | <25         | ---               | 440               | <5.0     | 30       | <5.0     | ---      |
| MW15    | 09/29/98            | ---          | 13.73      | Well inaccessible. |            |                 |             |             |             |                   |                   |          |          |          |          |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID      | Sampling Date   | Depth (feet) | TOC (feet)      | Elev. (feet)  | DTW (feet)  | GW Elev. (feet) | NAPL (feet)   | TPHd (µg/L)   | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L)        | T (µg/L)        | E (µg/L)        | X (µg/L)       |
|--------------|-----------------|--------------|-----------------|---|-------------|-----------------|---------------|---------------|-------------|-------------------|-------------------|-----------------|-----------------|-----------------|----------------|
| MW15         | 12/30/98        | ---          | 13.73           | 8.42  | 5.31        | No              | 510           | 900           | 14          | ---               | ---               | 6.2             | 1.5             | 5.8             | 3.4            |
| MW15         | 03/24/99        | ---          | 13.73           | 4.69  | 9.04        | No              | 346           | 1,480         | 12.7        | ---               | ---               | 181             | 1.15            | 29.8            | <1.0           |
| MW15         | 06/22/99        | ---          | 13.73           | 5.42  | 8.31        | No              | 558           | 864           | 6.49        | ---               | ---               | 12.7            | <0.5            | 3.28            | 1.38           |
| MW15         | 09/29/99        | ---          | 13.73           | 7.08  | 6.65        | No              | 306f          | 316           | <5.0        | ---               | ---               | 1.44            | 7.51            | 1.60            | 3.21           |
| MW15         | 12/21/99        | ---          | 13.73           | 7.51  | 6.22        | No              | 300           | 1,500         | 21          | ---               | ---               | 21              | 1.6             | 0.67            | 5.9            |
| MW15         | 03/21/00        | ---          | 13.73           | 3.61  | 10.12       | No              | 220           | 680           | <2          | ---               | ---               | 10              | <0.5            | <0.5            | 4.5            |
| MW15         | 12/21/00        | ---          | Well destroyed. |   |             |                 |               |               |             |                   |                   |                 |                 |                 |                |
| MW16A        | 08/24/09        | ---          | ---             | Well installed.                                     |             |                 |               |               |             |                   |                   |                 |                 |                 |                |
| MW16A        | 09/11/09        | ---          | 13.02           | Well surveyed in accordance with AB 2886 standards. |             |                 |               |               |             |                   |                   |                 |                 |                 |                |
| MW16A        | 10/01/09        | ---          | 13.02           | 6.72  | 6.30        | No              | 1,000g        | 5,300g        | ---         | 12                | ---               | 96              | 5.9             | 45              | 20             |
| MW16A        | 03/04/10        | ---          | 13.02           | 3.97  | 9.05        | No              | 1,000g        | 3,000g        | ---         | 9.9               | ---               | 34              | 2.6             | 6.9             | 5.9            |
| MW16A        | 05/06/10        | ---          | 13.02           | 4.20  | 8.82        | No              | 1,000g        | 4,500g        | ---         | 7.7               | ---               | 31              | 2.7             | 8.9             | 7.2            |
| MW16A        | 08/06/10        | ---          | 13.02           | 5.92  | 7.10        | No              | 550g          | 2,900g        | ---         | 5.5               | ---               | 48              | 2.1             | 11              | 3.4            |
| MW16A        | 11/02/10        | ---          | 13.02           | 6.64  | 6.38        | No              | 610g          | 3,100g        | ---         | 4.3               | ---               | 63              | <0.50           | 7.2             | 4.0            |
| MW16A        | 04/21/11        | ---          | 13.02           | 6.89  | 6.13        | No              | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---             | ---            |
| MW16A        | 04/22/11        | ---          | 13.02           | ---   | ---         | ---             | 170g          | 2,100g        | ---         | <0.50             | ---               | 13              | 2.5             | 6.3             | <1.0           |
| MW16A        | 10/18/11        | ---          | 13.02           | 7.32  | 5.70        | No              | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---             | ---            |
| MW16A        | 10/19/11        | ---          | 13.02           | ---   | ---         | ---             | 320g          | 3,300g        | ---         | 2.8               | ---               | 32              | <0.50           | 12              | <1.0           |
| <b>MW16A</b> | <b>04/25/12</b> | ---          | <b>13.02</b>    | <b>4.62</b>   | <b>8.40</b> | <b>No</b>       | <b>340g</b>   | <b>1,800g</b> | ---         | <b>&lt;0.50</b>   | ---               | <b>19</b>       | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;1.0</b> |
| MW16B        | 08/24/09        | ---          | ---             | Well installed.                                     |             |                 |               |               |             |                   |                   |                 |                 |                 |                |
| MW16B        | 09/11/09        | ---          | 13.19           | Well surveyed in accordance with AB 2886 standards. |             |                 |               |               |             |                   |                   |                 |                 |                 |                |
| MW16B        | 10/01/09        | ---          | 13.19           | 9.02  | 4.17        | No              | <50           | 180g          | ---         | 210               | ---               | <0.50           | <0.50           | <0.50           | <1.0           |
| MW16B        | 03/04/10        | ---          | 13.19           | 7.21  | 5.98        | No              | <50           | 160g          | ---         | 210               | ---               | <0.50           | <0.50           | <0.50           | <1.0           |
| MW16B        | 05/06/10        | ---          | 13.19           | 6.39  | 6.80        | No              | 65g           | 120g          | ---         | 210               | ---               | <0.50           | <0.50           | <0.50           | <1.0           |
| MW16B        | 08/06/10        | ---          | 13.19           | 7.23  | 5.96        | No              | <50           | 160g          | ---         | 170               | ---               | <0.50           | <0.50           | <0.50           | <1.0           |
| MW16B        | 11/02/10        | ---          | 13.19           | 8.25  | 4.94        | No              | <50           | 160g          | ---         | 170               | ---               | <0.50           | <0.50           | <0.50           | <1.0           |
| MW16B        | 04/21/11        | ---          | 13.19           | 10.91   | 2.28        | 0.04            | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---             | ---            |
| MW16B        | 04/22/11        | ---          | 13.19           | ---   | ---         | ---             | <50           | 130g          | ---         | 180               | ---               | <0.50           | <0.50           | <0.50           | <1.0           |
| MW16B        | 10/18/11        | ---          | 13.19           | 10.71   | 2.48        | No              | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---             | ---            |
| MW16B        | 10/19/11        | ---          | 13.19           | ---   | ---         | ---             | <50           | 67g           | ---         | 90                | ---               | <0.50           | <0.50           | <0.50           | <1.0           |
| <b>MW16B</b> | <b>04/25/12</b> | ---          | <b>13.19</b>    | <b>7.74</b>   | <b>5.45</b> | <b>No</b>       | <b>&lt;50</b> | <b>86g</b>    | ---         | <b>110</b>        | ---               | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;1.0</b> |
| MW17A        | 08/25/09        | ---          | ---             | Well installed.                                     |             |                 |               |               |             |                   |                   |                 |                 |                 |                |
| MW17A        | 09/11/09        | ---          | 13.99           | Well surveyed in accordance with AB 2886 standards. |             |                 |               |               |             |                   |                   |                 |                 |                 |                |
| MW17A        | 10/01/09        | ---          | 13.99           | 7.44  | 6.55        | No              | 370g          | 2,200g        | ---         | 3.7               | ---               | <0.50           | <0.50           | 3.7             | 3.9            |
| MW17A        | 03/04/10        | ---          | 13.99           | 4.73  | 9.26        | No              | 310g          | 1,600g        | ---         | 1.7               | ---               | <0.50           | 1.9             | 7.2             | 4.3            |
| MW17A        | 05/06/10        | ---          | 13.99           | 4.89  | 9.10        | No              | 260g          | 1,400g        | ---         | <0.50             | ---               | <0.50           | 1.2             | 6.2             | 3.0            |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID      | Sampling Date   | Depth (feet) | TOC Elev. (feet) | Elev. (feet)  | DW (feet)    | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L)   | TPHg (µg/L)   | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L)        | T (µg/L)        | E (µg/L)        | X (µg/L)       |
|--------------|-----------------|--------------|------------------|---|--------------|-----------------|-------------|---------------|---------------|-------------------|-------------------|-----------------|-----------------|-----------------|----------------|
| MW17A        | 08/06/10        | ---          | 13.99            | 6.51  | 7.48         |                 | No          | 130g          | 1,600g        | ---               | 1.4               | <0.50           | <0.50           | 4.6             | <1.0           |
| MW17A        | 11/02/10        | ---          | 13.99            | 7.18  | 6.81         |                 | No          | 320g          | 1,900g        | ---               | 1.4               | <0.50           | <0.50           | 6.0             | 1.2            |
| MW17A        | 04/21/11        | ---          | 13.99            | 7.04  | 6.95         |                 | No          | ---           | ---           | ---               | ---               | ---             | ---             | ---             | ---            |
| MW17A        | 04/22/11        | ---          | 13.99            | ---   | ---          |                 | ---         | 150g          | 1,300g        | ---               | <0.50             | 6.5             | <0.50           | 3.5             | <1.0           |
| MW17A        | 10/18/11        | ---          | 13.99            | 7.51  | 6.48         |                 | No          | <50           | 77g           | ---               | 0.85              | <0.50           | <0.50           | <0.50           | <1.0           |
| <b>MW17A</b> | <b>04/25/12</b> | ---          | <b>13.99</b>     | <b>4.67</b>   | <b>9.32</b>  |                 | <b>No</b>   | <b>190g</b>   | <b>990g</b>   | ---               | <b>&lt;0.50</b>   | <b>3.2</b>      | <b>&lt;0.50</b> | <b>2.0</b>      | <b>&lt;1.0</b> |
| MW17B        | 08/25/09        | ---          | ---              | Well installed.                                     |              |                 |             |               |               |                   |                   |                 |                 |                 |                |
| MW17B        | 09/11/09        | ---          | 13.92            | Well surveyed in accordance with AB2886 standards.  |              |                 |             |               |               |                   |                   |                 |                 |                 |                |
| MW17B        | 10/01/09        | ---          | 13.92            | 8.83  | 5.09         |                 | No          | <50           | 450g          | ---               | 560               | <0.50           | <0.50           | <0.50           | <1.0           |
| MW17B        | 03/04/10        | ---          | 13.92            | 6.15  | 7.77         |                 | No          | <50           | 490g          | ---               | 340               | <0.50           | <0.50           | <0.50           | <1.0           |
| MW17B        | 05/06/10        | ---          | 13.92            | 6.48  | 7.44         |                 | No          | <50           | 270g          | ---               | 530               | <0.50           | <0.50           | <0.50           | <1.0           |
| MW17B        | 08/06/10        | ---          | 13.92            | 7.81  | 6.11         |                 | No          | <50           | 380g          | ---               | 510               | <0.50           | <0.50           | <0.50           | <1.0           |
| MW17B        | 11/02/10        | ---          | 13.92            | 8.78  | 5.14         |                 | No          | <50           | 390g          | ---               | 470               | <0.50           | <0.50           | <0.50           | <1.0           |
| MW17B        | 04/21/11        | ---          | 13.92            | 9.42  | 4.50         |                 | No          | ---           | ---           | ---               | ---               | ---             | ---             | ---             | ---            |
| MW17B        | 04/22/11        | ---          | 13.92            | ---   | ---          |                 | ---         | 60            | 220g          | ---               | 290               | <0.50           | <0.50           | <0.50           | <1.0           |
| MW17B        | 10/18/11        | ---          | 13.92            | 10.01   | 3.91         |                 | No          | <50           | 300g          | ---               | 390               | <0.50           | <0.50           | <0.50           | <1.0           |
| <b>MW17B</b> | <b>04/25/12</b> | ---          | <b>13.92</b>     | <b>8.39</b>   | <b>5.53</b>  |                 | <b>No</b>   | <b>&lt;50</b> | <b>190g</b>   | ---               | <b>230</b>        | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;1.0</b> |
| MW18A        | 08/26/09        | ---          | ---              | Well installed.                                     |              |                 |             |               |               |                   |                   |                 |                 |                 |                |
| MW18A        | 09/11/09        | ---          | 13.55            | Well surveyed in accordance with AB 2886 standards. |              |                 |             |               |               |                   |                   |                 |                 |                 |                |
| MW18A        | 10/01/09        | ---          | 13.55            | 5.16  | 8.39         |                 | No          | 150           | 150g          | ---               | 93                | <0.50           | <0.50           | <0.50           | <1.0           |
| MW18A        | 03/04/10        | ---          | 13.55            | 3.97  | 9.58         |                 | No          | 130           | <50           | ---               | 34                | <0.50           | <0.50           | <0.50           | <1.0           |
| MW18A        | 05/06/10        | ---          | 13.55            | 3.68  | 9.87         |                 | No          | 140           | 55g           | ---               | 35                | <0.50           | <0.50           | <0.50           | <1.0           |
| MW18A        | 08/06/10        | ---          | 13.55            | 4.40  | 9.15         |                 | No          | 110           | 110g          | ---               | 21                | <0.50           | <0.50           | <0.50           | <1.0           |
| MW18A        | 11/02/10        | ---          | 13.55            | 6.05  | 7.50         |                 | No          | 140           | 86g           | ---               | 11                | <0.50           | <0.50           | <0.50           | <1.0           |
| MW18A        | 04/21/11        | ---          | 13.55            | 4.47  | 9.08         |                 | No          | 150           | <50           | ---               | 9.8               | <0.50           | <0.50           | <0.50           | <1.0           |
| MW18A        | 10/18/11        | ---          | 13.55            | 4.53  | 9.02         |                 | No          | 60            | <50           | ---               | 1.7               | <0.50           | <0.50           | <0.50           | <1.0           |
| <b>MW18A</b> | <b>04/25/12</b> | ---          | <b>13.55</b>     | <b>3.51</b>   | <b>10.04</b> |                 | <b>No</b>   | <b>&lt;50</b> | <b>&lt;50</b> | ---               | <b>&lt;0.50</b>   | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;1.0</b> |
| MW18B        | 08/25/09        | ---          | ---              | Well installed.                                     |              |                 |             |               |               |                   |                   |                 |                 |                 |                |
| MW18B        | 09/11/09        | ---          | 13.21            | Well surveyed in accordance with AB 2886 standards. |              |                 |             |               |               |                   |                   |                 |                 |                 |                |
| MW18B        | 10/01/09        | ---          | 13.21            | 7.19  | 6.02         |                 | No          | <50           | 62            | ---               | 0.68              | <0.50           | <0.50           | <0.50           | <1.0           |
| MW18B        | 03/04/10        | ---          | 13.21            | 4.97  | 8.24         |                 | No          | <50           | <50           | ---               | <0.50             | <0.50           | <0.50           | <0.50           | <1.0           |
| MW18B        | 05/06/10        | ---          | 13.21            | 4.68  | 8.53         |                 | No          | <50           | <50           | ---               | <0.50             | <0.50           | <0.50           | <0.50           | <1.0           |
| MW18B        | 08/06/10        | ---          | 13.21            | 6.29  | 6.92         |                 | No          | <50           | <50           | ---               | <0.50             | <0.50           | <0.50           | <0.50           | <1.0           |
| MW18B        | 11/02/10        | ---          | 13.21            | 7.37  | 5.84         |                 | No          | <50           | <50           | ---               | <0.50             | <0.50           | <0.50           | <0.50           | <1.0           |
| MW18B        | 04/21/11        | ---          | 13.21            | 5.69  | 7.52         |                 | No          | <50           | <50           | ---               | <0.50             | <0.50           | 0.60t           | <0.50           | <1.0           |
| MW18B        | 10/18/11        | ---          | 13.21            | 6.45  | 6.76         |                 | No          | <50           | <50           | ---               | <0.50             | <0.50           | <0.50           | <0.50           | <1.0           |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID      | Sampling Date       | Depth (feet) | TOC Elev. (feet) | Elev. (feet)  | DW (feet)    | GW Elev. (feet) | NAPL (feet)   | TPHd (µg/L)   | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L)        | T (µg/L)        | E (µg/L)        | X (µg/L)       |  |
|--------------|---------------------|--------------|------------------|---|--------------|-----------------|---------------|---------------|-------------|-------------------|-------------------|-----------------|-----------------|-----------------|----------------|--|
| <b>MW18B</b> | <b>04/25/12</b>     | ---          | <b>13.21</b>     | <b>4.66</b>   | <b>8.55</b>  | <b>No</b>       | <b>&lt;50</b> | <b>&lt;50</b> | ---         | <b>&lt;0.50</b>   | <b>&lt;0.50</b>   | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>3.8</b>     |  |
| MW19A        | 08/26/09            | ---          | ---              | Well installed.                                     |              |                 |               |               |             |                   |                   |                 |                 |                 |                |  |
| MW19A        | 09/11/09            | ---          | 15.05            | Well surveyed in accordance with AB 2886 standards. |              |                 |               |               |             |                   |                   |                 |                 |                 |                |  |
| MW19A        | 10/01/09            | ---          | 15.05            | 7.61  | 7.44         | No              | 490g          | 2,700g        | ---         | <0.50             | <0.50             | <0.50           | <0.50           | 44              | 62             |  |
| MW19A        | 03/04/10            | ---          | 15.05            | 4.30  | 10.75        | No              | 520g          | 2,300g        | ---         | <0.50             | <0.50             | <0.50           | <0.50           | 30              | 32             |  |
| MW19A        | 05/06/10            | ---          | 15.05            | 4.77  | 10.28        | No              | 530g          | 2,100         | ---         | <0.50             | 5.3               | 1.3             | 25              | 28              |                |  |
| MW19A        | 08/06/10            | ---          | 15.05            | 6.13  | 8.92         | No              | 410g          | 1,800g        | ---         | <0.50             | <0.50             | <0.50           | <0.50           | 9.8             | 14             |  |
| MW19A        | 11/02/10            | ---          | 15.05            | 7.25  | 7.80         | No              | 420g          | 2,200g        | ---         | <0.50             | <0.50             | <0.50           | <0.50           | 9.8             | 12             |  |
| MW19A        | 04/21/11            | ---          | 15.05            | 6.18  | 8.87         | No              | 240g          | 1,900         | ---         | <0.50             | <0.50             | <0.50           | <0.50           | 3.6             | 6.9            |  |
| MW19A        | 10/18/11            | ---          | 15.05            | 6.41  | 8.64         | No              | 260g          | 560g          | ---         | <0.50             | <0.50             | <0.50           | <0.50           | <0.50           | <1.0           |  |
| <b>MW19A</b> | <b>04/25/12</b>     | ---          | <b>15.05</b>     | <b>4.23</b>   | <b>10.82</b> | <b>No</b>       | <b>420g</b>   | <b>2,000g</b> | ---         | <b>&lt;0.50</b>   | <b>&lt;0.50</b>   | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;1.0</b> |  |
| MW19B        | 08/26/09            | ---          | ---              | Well installed.                                     |              |                 |               |               |             |                   |                   |                 |                 |                 |                |  |
| MW19B        | 09/11/09            | ---          | 15.05            | Well surveyed in accordance with AB 2886 standards. |              |                 |               |               |             |                   |                   |                 |                 |                 |                |  |
| MW19B        | 10/01/09            | ---          | 15.05            | 8.66  | 6.39         | No              | <50           | <50           | ---         | <0.50             | <0.50             | <0.50           | <0.50           | <0.50           | <1.0           |  |
| MW19B        | 03/04/10            | ---          | 15.05            | 5.11  | 9.94         | No              | <50           | <50           | ---         | <0.50             | <0.50             | <0.50           | <0.50           | <0.50           | <1.0           |  |
| MW19B        | 05/06/10            | ---          | 15.05            | 5.07  | 9.98         | No              | <50           | <50           | ---         | <0.50             | <0.50             | <0.50           | <0.50           | <0.50           | <1.0           |  |
| MW19B        | 08/06/10            | ---          | 15.05            | 6.42  | 8.63         | No              | <50           | <50           | ---         | <0.50             | <0.50             | <0.50           | <0.50           | <0.50           | <1.0           |  |
| MW19B        | 11/02/10            | ---          | 15.05            | 7.58  | 7.47         | No              | <50           | <50           | ---         | <0.50             | <0.50             | <0.50           | <0.50           | <0.50           | <1.0           |  |
| MW19B        | 04/21/11            | ---          | 15.05            | 6.07  | 8.98         | No              | <50           | <50           | ---         | <0.50             | <0.50             | <0.50           | <0.50           | <0.50           | <1.0           |  |
| MW19B        | 10/18/11            | ---          | 15.05            | 6.81  | 8.24         | No              | <50           | <50           | ---         | <0.50             | <0.50             | <0.50           | <0.50           | <0.50           | <1.0           |  |
| <b>MW19B</b> | <b>04/25/12</b>     | ---          | <b>15.05</b>     | <b>4.78</b>   | <b>10.27</b> | <b>No</b>       | <b>&lt;50</b> | <b>&lt;50</b> | ---         | <b>&lt;0.50</b>   | <b>&lt;0.50</b>   | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;1.0</b> |  |
| VW1          | Prior to 02/18/93   | ---          | Well installed.  |   |              |                 |               |               |             |                   |                   |                 |                 |                 |                |  |
| VW1          | 02/18/93            | ---          | 14.01            | 4.52  | 9.49         | No              | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---             | ---            |  |
| VW1          | 03/10/93            | ---          | 14.01            | 5.25  | 8.76         | No              | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---             | ---            |  |
| VW1          | 04/06/93            | ---          | 14.01            | 5.06  | 8.95         | No              | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---             | ---            |  |
| VW1          | 05/28/93            | ---          | 14.01            | 5.52  | 8.49         | No              | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---             | ---            |  |
| VW1          | 06/10/93            | ---          | 14.01            | 6.23  | 7.78         | No              | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---             | ---            |  |
| VW1          | 08/11/93            | ---          | 14.01            | Well dry.   |              |                 |               |               |             |                   |                   |                 |                 |                 |                |  |
| VW1          | 09/01/93            | ---          | 14.01            | Well dry.   |              |                 |               |               |             |                   |                   |                 |                 |                 |                |  |
| VW1          | 10/26/93            | ---          | 14.01            | Well dry.   |              |                 |               |               |             |                   |                   |                 |                 |                 |                |  |
| VW1          | 11/12/93            | ---          | 14.01            | Well dry.   |              |                 |               |               |             |                   |                   |                 |                 |                 |                |  |
| VW1          | 12/27/93            | ---          | 14.01            | ---   | ---          | ---             | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---             | ---            |  |
| VW1          | 01/20/94            | ---          | 14.01            | Well dry.   |              |                 |               |               |             |                   |                   |                 |                 |                 |                |  |
| VW1          | 02/02/94 - 02/03/94 | ---          | 14.01            | 5.58  | 8.43         | No              | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---             | ---            |  |
| VW1          | 03/10/94            | ---          | 14.01            | 6.19  | 7.82         | No              | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---             | ---            |  |
| VW1          | 04/22/94            | ---          | 14.01            | 5.96  | 8.05         | No              | ---           | ---           | ---         | ---               | ---               | ---             | ---             | ---             | ---            |  |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date       | Depth (feet) | TOC Elev. (feet) | Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------|---------------------|--------------|------------------|--------------|------------|-----------------|-------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| VW1     | 05/10/94 - 05/11/94 | ---          | 14.01            | 5.66         | 8.35       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW1     | 06/27/94            | ---          | 14.01            | 5.99         | 8.02       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW2     | Prior to 02/18/93   | ---          | Well installed.  |              |            | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW2     | 02/18/93            | ---          | 14.09            | 4.41         | 9.68       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW2     | 03/10/93            | ---          | 14.09            | 5.17         | 8.92       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW2     | 04/06/93            | ---          | 14.09            | 5.04         | 9.05       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW2     | 05/28/93            | ---          | 14.09            | 5.46         | 8.63       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW2     | 06/10/93            | ---          | 14.09            | 5.60         | 8.49       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW2     | 07/17/93            | ---          | 14.09            | 6.38         | 7.71       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW2     | 08/11/93            | ---          | 14.09            | 7.90         | 6.19       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW2     | 09/01/93            | ---          | 14.09            | 7.31         | 6.79       | 0.01            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW2     | 10/26/93            | ---          | 14.09            | Well dry.    |            | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW2     | 11/12/93            | ---          | 14.09            | Well dry.    |            | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW2     | 12/27/93            | ---          | 14.09            | Well dry.    |            | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW2     | 01/20/94            | ---          | 14.09            | 7.75         | 6.34       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW2     | 02/02/94 - 02/03/94 | ---          | 14.09            | Well dry.    |            | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW2     | 03/10/94            | ---          | 14.09            | 6.85         | 7.24       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW2     | 04/22/94            | ---          | 14.09            | 7.30         | 6.79       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW2     | 05/10/94 - 05/11/94 | ---          | 14.09            | 7.20         | 6.89       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW2     | 06/27/94            | ---          | 14.09            | 7.29         | 6.80       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW3     | Prior to 02/18/93   | ---          | Well installed.  |              |            | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW3     | 02/18/93            | ---          | 13.37            | 4.62         | 8.69       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW3     | 03/10/93            | ---          | 13.37            | 4.41         | 8.90       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW3     | 04/06/93            | ---          | 13.37            | 4.10         | 9.21       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW3     | 05/28/93            | ---          | 13.37            | 4.98         | 8.33       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW3     | 06/10/93            | ---          | 13.37            | 4.98         | 8.33       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW3     | 07/17/93            | ---          | 13.37            | 5.57         | 7.74       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW3     | 08/11/93            | ---          | 13.37            | 7.69         | 5.62       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW3     | 09/01/93            | ---          | 13.37            | 6.78         | 6.54       | 0.01            | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW3     | 10/26/93            | ---          | 13.37            | Well dry.    |            | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW3     | 11/12/93            | ---          | 13.37            | Well dry.    |            | ---             | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW3     | 12/27/93            | ---          | 13.37            | 7.24         | 6.13       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW3     | 01/20/94            | ---          | 13.37            | 7.49         | 5.88       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW3     | 02/02/94 - 02/03/94 | ---          | 13.37            | 7.15         | 6.22       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW3     | 03/10/94            | ---          | 13.37            | 6.21         | 7.16       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW3     | 04/22/94            | ---          | 13.37            | 6.34         | 7.03       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| VW3     | 05/10/94 - 05/11/94 | ---          | 13.37            | 5.92         | 7.45       | No              | ---         | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID                         | Sampling Date | Depth (feet) | TOC Elev. (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---------------------------------|---------------|--------------|------------------|------------|-----------------|-------------|-------------|-------------|-------------------|-------------------|----------|----------|----------|----------|
| VW3                             | 06/27/94      | ---          | 13.37            | 6.66       | 6.71            | No          | ---         | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| <b>Grab Groundwater Samples</b> |               |              |                  |            |                 |             |             |             |                   |                   |          |          |          |          |
| <u>CPT Borings</u>              |               |              |                  |            |                 |             |             |             |                   |                   |          |          |          |          |
| W-18-CPT1                       | 04/12/05      | 18           | ---              | ---        | ---             | ---         | 187g        | <50.0       | ---               | 1.00              | <0.50    | <0.5     | <0.5     | <0.5     |
| W-10-CPT2                       | 04/13/05      | 10           | ---              | ---        | ---             | ---         | ---         | 1,060,000   | ---               | 85.0              | 1,380    | 1,280    | 400      | 4,340    |
| W-26-CPT2                       | 04/13/05      | 26           | ---              | ---        | ---             | ---         | 283g        | 240         | ---               | 299               | <0.50    | <0.5     | <0.5     | <0.5     |
| W-10-CPT3                       | 04/13/05      | 10           | ---              | ---        | ---             | ---         | 76,800      | 358         | ---               | 107               | <0.50    | <0.5     | <0.5     | 1.1      |
| W-29-CPT3                       | 04/13/05      | 29           | ---              | ---        | ---             | ---         | 450g        | 1,240       | ---               | 1.80              | <0.50    | <0.5     | <0.5     | <0.5     |
| W-10-CPT4                       | 04/12/05      | 10           | ---              | ---        | ---             | ---         | 15,700g     | 10,600      | ---               | 129               | 233      | 17.0     | 557      | 83.0     |
| W-24-CPT4                       | 04/12/05      | 24           | ---              | ---        | ---             | ---         | 377g        | 171         | ---               | 48.3              | 0.50     | <0.5     | 2.5      | 2.9      |
| W-10-CPT5                       | 04/12/05      | 10           | ---              | ---        | ---             | ---         | 5,520g      | 2,200       | ---               | <0.50             | 13.2     | 2.5      | 5.7      | 2.2      |
| W-30-CPT6                       | 04/11/05      | 30           | ---              | ---        | ---             | ---         | ---         | 177         | ---               | <0.50             | <0.50    | <0.5     | <0.5     | <0.5     |
| W-30-CPT6                       | 04/12/05      | 30           | ---              | ---        | ---             | ---         | 473g        | ---         | ---               | ---               | ---      | ---      | ---      | ---      |
| <u>Direct-Push Borings</u>      |               |              |                  |            |                 |             |             |             |                   |                   |          |          |          |          |
| W-12-DP1                        | 04/14/05      | 12           | ---              | ---        | ---             | ---         | 23,000g     | 30,000      | ---               | 146               | 1,700    | 250      | 770      | 4,980    |
| W-12-DP3                        | 04/14/05      | 12           | ---              | ---        | ---             | ---         | 11,100g     | 2,200       | ---               | <0.50             | 12.6     | 5.7      | 2.3      | 13.8     |
| W-12-DP4                        | 04/14/05      | 12           | ---              | ---        | ---             | ---         | 20,200g     | 42,400      | ---               | 13.4              | 7,000    | 260      | 4,760    | 1,720    |
| W-12-DP5                        | 04/14/05      | 12           | ---              | ---        | ---             | ---         | 182,000     | 32,100      | ---               | 18.7              | 2,890    | 96.0     | 336      | 186      |
| W-12-DP6                        | 04/14/05      | 12           | ---              | ---        | ---             | ---         | 338g        | <50.0       | ---               | <0.50             | <0.50    | <0.5     | <0.5     | <0.5     |
| W-30-DP9                        | 12/15/06      | 30           | ---              | ---        | ---             | ---         | 430g        | <50         | ---               | <0.50             | <0.50    | <0.50    | <0.50    | <0.50    |
| <u>Hydropunch® Borings</u>      |               |              |                  |            |                 |             |             |             |                   |                   |          |          |          |          |
| W-13-HP7                        | 12/12/06      | 13           | ---              | ---        | ---             | ---         | 570g        | <50         | ---               | 1.1               | 11       | <0.50    | <0.50    | <0.50    |
| W-30-HP11                       | 12/13/06      | 30           | ---              | ---        | ---             | ---         | <50         | <50         | ---               | 3.9               | <0.50    | <0.50    | <0.50    | <0.50    |
| W-13.5-HP12                     | 12/13/06      | 13.5         | ---              | ---        | ---             | ---         | <62         | <50         | ---               | 1.6               | <0.50    | <0.50    | <0.50    | <0.50    |
| W-31-HP12                       | 12/13/06      | 31           | ---              | ---        | ---             | ---         | <55         | <50         | ---               | 17                | <0.50    | <0.50    | <0.50    | <0.50    |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

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Notes:

|                  |   |  |
|------------------|---|--|
| TOC              | = | Top of well casing elevation; datum is mean sea level.   |
| DTW              | = | Depth to water.  |
| GW Elev.         | = | Groundwater elevation; datum is mean sea level. If liquid-phase hydrocarbons present, elevation adjusted using TOC - [DTW - (PT x 0.8)]. |
| NAPL             | = | Non-aqueous phase liquid.  |
| [ ]              | = | Amount recovered in cups.  |
| TPHd             | = | Total petroleum hydrocarbons as diesel analyzed using EPA Method 3510/8015 (modified).   |
| TPHg             | = | Total petroleum hydrocarbons as gasoline analyzed using EPA Method 5030/8015 (modified).   |
| MTBE 8021B       | = | Methyl tertiary butyl ether analyzed using EPA Method 8021B.   |
| MTBE 8260B       | = | Methyl tertiary butyl ether analyzed using EPA Method 8260B.   |
| BTEX             | = | Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.   |
| TOG              | = | Total oil and grease analyzed using Standard Method 5520.  |
| EHCss            | = | Extractable hydrocarbons as Stoddard Solvent analyzed using EPA Method 8015.   |
| EDB              | = | 1,2-dibromoethane analyzed using EPA Method 8260B.   |
| 1,2-DCA          | = | 1,2-dichloroethane analyzed using EPA Method 8260B.  |
| TAME             | = | Tertiary amyl methyl ether analyzed using EPA Method 8260B.  |
| TBA              | = | Tertiary butyl alcohol analyzed using EPA Method 8260B.  |
| ETBE             | = | Ethyl tertiary butyl ether analyzed using EPA Method 8260B.  |
| DIPE             | = | Di-isopropyl ether analyzed using EPA Method 8260B.  |
| Ethanol          | = | Ethanol analyzed using EPA Method 8260B.   |
| TPH Carbon Range | = | Total petroleum hydrocarbon range analyzed using EPA Method 8015B(M).  |
| µg/L             | = | Micrograms per liter.  |
| mg/kg            | = | Milligrams per kilogram.   |
| ND               | = | Not detected at or above laboratory reporting limits.  |
| ---              | = | Not measured/Not sampled/Not analyzed.   |
| <                | = | Less than the stated laboratory reporting limit.   |
| a                | = | A peak eluting earlier than benzene, suspected to be MTBE, was present.  |
| b                | = | Sample containers broken in transit.   |
| c                | = | Chromatogram pattern: unidentified hydrocarbons C6 - C12.  |
| d                | = | Chromatogram pattern: weathered gasoline C6 - C12.   |
| e                | = | Chromatogram pattern: weathered diesel C9 - C24 and unidentified hydrocarbons C9 - C36.  |
| f                | = | Chromatogram pattern: unidentified hydrocarbons C9 - C24.  |
| g                | = | Hydrocarbon pattern is not consistent with that of the specified standard.   |
| h                | = | Analysis run. Results not available.   |
| i                | = | TPHd note: Analyst notes samples resemble paint thinner more than Stoddard Solvent.  |
| j                | = | Analyte detected in trip blank, method blank, and/or bailer blank; result is suspect.  |
| k                | = | Higher reported TPH concentrations in groundwater may be due to different laboratory quantitation procedures.                            |
| l                | = | Elevated result due to single analyte peak in quantitation range.  |

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

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Notes (Cont.):

- m = Surrogate recovery above control limits; this may result in a high bias.
- n = Laboratory QA/QC issue(s); ERI considers the result to be usable. Please refer to laboratory report for details.
- o = Analyzed using EPA Method 624 (volatile organic compounds).
- p = Analyzed for Stoddard Solvent using EPA Method 5030/8015.
- q = Analyzed for Stoddard Solvent using modified EPA Method 5030/8015. Sample chromatogram was not representative of a Stoddard Solvent pattern. Pattern was representative of the heavier hydrocarbons found in a gasoline pattern.
- r = Stoddard Solution detected in the sample at approximately 320 parts per billion (ppb).
- s = Chloromethane.
- t = Analyte presence was not confirmed by second column or GC/MS analysis.
- u = Product detected in well; therefore, groundwater samples were not collected.
- v = Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.



**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID                        | Sampling Date       | Depth (feet) | EDB (µg/L)                       | 1,2-DCA (µg/L) | TAME (µg/L) | TBA (µg/L) | ETBE (µg/L) | DIPE (µg/L) | Ethanol (µg/L) | VOCs (µg/L) | EHCss (µg/L) | TOG (µg/L) |
|--------------------------------|---------------------|--------------|----------------------------------|----------------|-------------|------------|-------------|-------------|----------------|-------------|--------------|------------|
| <b>Monitoring Well Samples</b> |                     |              |                                  |                |             |            |             |             |                |             |              |            |
| MW1                            | Prior to 04/25/89   | ---          | Well installed.                  |                |             |            |             |             |                |             |              |            |
| MW1                            | 05/01/88 - 03/11/03 | ---          | Not analyzed for these analytes. |                |             |            |             |             |                |             |              |            |
| MW1                            | 06/19/96            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ---         | <50          | ---        |
| MW1                            | 03/26/04            | ---          | <0.50                            | 1.60           | <0.50       | <10.0      | <0.50       | <0.50       | ---            | ---         | ---          | ---        |
| MW1                            | 11/02/04            | ---          | <0.50                            | 1.80           | <0.50       | <10.0      | <0.50       | <0.50       | ---            | ---         | ---          | ---        |
| MW1                            | 02/04/05            | ---          | <0.50                            | 1.90           | <0.50       | <10.0      | <0.50       | <0.50       | ---            | ---         | ---          | ---        |
| MW1                            | 05/02/05            | ---          | <0.50                            | 2.10           | <0.50       | <10.0      | <0.50       | <0.50       | <100           | ---         | ---          | ---        |
| MW1                            | 08/01/05            | ---          | <0.50                            | 2.00           | <0.50       | <10.0      | <0.50       | <0.50       | <100           | ---         | ---          | ---        |
| MW1                            | 10/25/05            | ---          | <0.500                           | 1.61           | <0.500      | 22.6       | <0.500      | <0.500      | ---            | ---         | ---          | ---        |
| MW1                            | 01/24/06            | ---          | <2.5                             | <2.5           | <2.5        | <100       | <2.5        | <2.5        | <500           | ---         | ---          | ---        |
| MW1                            | 04/28/06            | ---          | <0.50                            | 1.6            | <0.50       | 5.0n       | <0.50       | <0.50       | ---            | ---         | ---          | ---        |
| MW1                            | 08/04/06            | ---          | <0.500                           | 1.63           | <0.500      | <10.0      | <0.500      | <0.500      | ---            | ---         | ---          | ---        |
| MW1                            | 10/06/06            | ---          | <0.50                            | 2.3            | <0.50       | <5.0       | <0.50       | <0.50       | ---            | ---         | ---          | ---        |
| MW1                            | 01/12/07            | ---          | Well inaccessible.               |                |             |            |             |             |                |             |              |            |
| MW1                            | 03/26/07            | ---          | Well destroyed.                  |                |             |            |             |             |                |             |              |            |
| MW2                            | 09/10/87            | ---          | Well installed.                  |                |             |            |             |             |                |             |              |            |
| MW2                            | 09/11/87 - 03/27/04 | ---          | Not analyzed for these analytes. |                |             |            |             |             |                |             |              |            |
| MW2                            | 03/27/04            | ---          | <0.50                            | <0.50          | 2.90        | <10.0      | <0.50       | <0.50       | ---            | ---         | ---          | ---        |
| MW2                            | 11/02/04            | ---          | <0.50                            | <0.50          | <0.50       | <10.0      | <0.50       | <0.50       | ---            | ---         | ---          | ---        |
| MW2                            | 02/04/05            | ---          | <0.50                            | <0.50          | <0.50       | <10.0      | <0.50       | <0.50       | ---            | ---         | ---          | ---        |
| MW2                            | 05/02/05            | ---          | <0.50                            | <0.50          | <0.50       | <10.0      | <0.50       | <0.50       | <100           | ---         | ---          | ---        |
| MW2                            | 08/01/05            | ---          | <0.50                            | 2.00           | <0.50       | <10.0      | <0.50       | <0.50       | <100           | ---         | ---          | ---        |
| MW2                            | 10/25/05            | ---          | <0.500                           | <0.500         | <0.500      | <10.0      | <0.500      | <0.500      | ---            | ---         | ---          | ---        |
| MW2                            | 01/24/06            | ---          | <0.50                            | <0.50          | <0.50       | 20         | <0.50       | <0.50       | <100           | ---         | ---          | ---        |
| MW2                            | 04/28/06            | ---          | <0.50                            | <0.50          | <0.50       | <5.0n      | <0.50       | <0.50       | <100           | ---         | ---          | ---        |
| MW2                            | 08/04/06            | ---          | <0.500                           | 1.34           | <0.500      | <10.0      | <0.500      | <0.500      | <50.0          | ---         | ---          | ---        |
| MW2                            | 10/06/06            | ---          | <0.50                            | <0.50          | <0.50       | <5.0       | <0.50       | <0.50       | <100           | ---         | ---          | ---        |
| MW2                            | 01/12/07            | ---          | <0.50                            | <0.50          | <0.50       | 23         | <0.50       | <0.50       | <100           | ---         | ---          | ---        |
| MW2                            | 04/09/07            | ---          | <0.500                           | <0.500         | <0.500      | <10.0      | <0.500      | <0.500      | <50.0          | ---         | ---          | ---        |
| MW2                            | 08/06/07            | ---          | <0.50                            | <0.50          | <0.50       | 14         | <0.50       | 1.3         | <100           | ---         | ---          | ---        |
| MW2                            | 11/15/07            | ---          | <0.50                            | <0.50          | <0.50       | 17         | <0.50       | 1.1         | <100           | ---         | ---          | ---        |
| MW2                            | 01/02/08            | ---          | <0.50                            | <0.50          | 0.85        | 36         | <0.50       | <0.50       | <100           | ---         | ---          | ---        |
| MW2                            | 04/03/08            | ---          | <0.50                            | <0.50          | <0.50       | 24         | <0.50       | <0.50       | <100           | ---         | ---          | ---        |
| MW2                            | 07/09/08            | ---          | <0.50                            | <0.50          | <0.50       | <10        | <0.50       | 1.2         | <100           | ---         | ---          | ---        |
| MW2                            | 10/01/08            | ---          | Well covered by asphalt.         |                |             |            |             |             |                |             |              |            |

**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID    | Sampling Date       | Depth (feet) | EDB (µg/L)                       | 1,2-DCA (µg/L)  | TAME (µg/L)     | TBA (µg/L)     | ETBE (µg/L)     | DIPE (µg/L)     | Ethanol (µg/L) | VOCs (µg/L) | EHCss (µg/L) | TOG (µg/L) |
|------------|---------------------|--------------|----------------------------------|-----------------|-----------------|----------------|-----------------|-----------------|----------------|-------------|--------------|------------|
| MW2        | 01/07/09            | ---          | Well covered by asphalt.         |                 |                 |                |                 |                 |                |             |              |            |
| MW2        | 01/16/09            | ---          | <5.0                             | <5.0            | <5.0            | <50            | <5.0            | <5.0            | <500           | ---         | ---          | ---        |
| MW2        | 04/24/09            | ---          | <0.50                            | <0.50           | <0.50           | 15             | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW2        | 07/01/09            | ---          | <0.50                            | <0.50           | <0.50           | 11             | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW2        | 10/01/09            | ---          | ---                              | ---             | ---             | ---            | ---             | ---             | ---            | ---         | ---          | ---        |
| MW2        | 03/04/10            | ---          | ---                              | ---             | ---             | ---            | ---             | ---             | ---            | ---         | ---          | ---        |
| MW2        | 05/06/10            | ---          | <0.50                            | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW2        | 08/06/10            | ---          | ---                              | ---             | ---             | ---            | ---             | ---             | ---            | ---         | ---          | ---        |
| MW2        | 11/02/10            | ---          | <0.50                            | <0.50           | <0.50           | 12             | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW2        | 04/21/11            | ---          | <0.50                            | <0.50           | <0.50           | 6.1            | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW2        | 10/18/11            | ---          | <0.50                            | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| <b>MW2</b> | <b>04/25/12</b>     | ---          | <b>&lt;0.50</b>                  | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;5.0</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;50</b>  | ---         | ---          | ---        |
| MW3        | 09/10/87            | ---          | Well installed.                  |                 |                 |                |                 |                 |                |             |              |            |
| MW3        | 09/11/87 - 03/26/04 | ---          | Not analyzed for these analytes. |                 |                 |                |                 |                 |                |             |              |            |
| MW3        | 03/26/04            | ---          | <0.50                            | <0.50           | 2.60            | <10.0          | <0.50           | 0.60            | ---            | ---         | ---          | ---        |
| MW3        | 11/02/04            | ---          | <0.50                            | <0.50           | <0.50           | <10.0          | <0.50           | 1.60            | ---            | ---         | ---          | ---        |
| MW3        | 02/04/05            | ---          | <0.50                            | <0.50           | <0.50           | <10.0          | <0.50           | <0.50           | ---            | ---         | ---          | ---        |
| MW3        | 05/02/05            | ---          | <0.50                            | <0.50           | <0.50           | <10.0          | <0.50           | <0.50           | <100           | ---         | ---          | ---        |
| MW3        | 08/01/05            | ---          | <0.50                            | <0.50           | <0.50           | <10.0          | <0.50           | <0.50           | <100           | ---         | ---          | ---        |
| MW3        | 10/25/05            | ---          | <0.500                           | <0.500          | <0.500          | <10.0          | <0.500          | <0.500          | ---            | ---         | ---          | ---        |
| MW3        | 01/24/06            | ---          | <1.0                             | <1.0            | <1.0            | <40            | <1.0            | <1.0            | <200           | ---         | ---          | ---        |
| MW3        | 04/28/06            | ---          | <0.50                            | <0.50           | <0.50           | 7.8n           | <0.50           | <0.50           | ---            | ---         | ---          | ---        |
| MW3        | 08/04/06            | ---          | <0.500                           | 1.45            | <0.500          | <10.0          | <0.500          | <0.500          | ---            | ---         | ---          | ---        |
| MW3        | 10/06/06            | ---          | <0.50                            | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | ---            | ---         | ---          | ---        |
| MW3        | 01/12/07            | ---          | <0.50                            | <0.50           | <0.50           | <10            | <0.50           | <0.50           | ---            | ---         | ---          | ---        |
| MW3        | 04/09/07            | ---          | <0.500                           | <0.500          | <0.500          | <10.0          | <0.500          | <0.500          | ---            | ---         | ---          | ---        |
| MW3        | 08/06/07            | ---          | <0.50                            | <0.50           | <0.50           | <10            | <0.50           | <0.50           | <100           | ---         | ---          | ---        |
| MW3        | 11/15/07            | ---          | <0.50                            | <0.50           | <0.50           | <10            | <0.50           | <0.50           | ---            | ---         | ---          | ---        |
| MW3        | 01/02/08            | ---          | <0.50                            | <0.50           | <0.50           | 12             | <0.50           | <0.50           | ---            | ---         | ---          | ---        |
| MW3        | 04/03/08            | ---          | <0.50                            | <0.50           | <0.50           | 23             | <0.50           | <0.50           | ---            | ---         | ---          | ---        |
| MW3        | 07/09/08            | ---          | <0.50                            | <0.50           | <0.50           | 10             | <0.50           | <0.50           | ---            | ---         | ---          | ---        |
| MW3        | 10/01/08            | ---          | <0.50                            | <0.50           | <0.50           | 9.7            | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW3        | 01/07/09            | ---          | <0.50                            | <0.50           | <0.50           | 10             | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW3        | 01/16/09            | ---          | ---                              | ---             | ---             | ---            | ---             | ---             | ---            | ---         | ---          | ---        |
| MW3        | 04/24/09            | ---          | <0.50                            | <0.50           | <0.50           | 16             | <0.50           | 0.52            | <50            | ---         | ---          | ---        |
| MW3        | 07/01/09            | ---          | <0.50                            | <0.50           | <0.50           | 9.7            | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW3        | 10/01/09            | ---          | ---                              | ---             | ---             | ---            | ---             | ---             | ---            | ---         | ---          | ---        |
| MW3        | 03/04/10            | ---          | ---                              | ---             | ---             | ---            | ---             | ---             | ---            | ---         | ---          | ---        |
| MW3        | 05/06/10            | ---          | <0.50                            | <0.50           | <0.50           | 12             | <0.50           | <0.50           | <50            | ---         | ---          | ---        |

**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID    | Sampling Date           | Depth (feet) | EDB (µg/L)                       | 1,2-DCA (µg/L)  | TAME (µg/L)     | TBA (µg/L) | ETBE (µg/L)     | DIPE (µg/L)     | Ethanol (µg/L) | VOCs (µg/L) | EHCss (µg/L) | TOG (µg/L) |
|------------|-------------------------|--------------|----------------------------------|-----------------|-----------------|------------|-----------------|-----------------|----------------|-------------|--------------|------------|
| MW3        | 08/06/10                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ---         | ---          | ---        |
| MW3        | 11/02/10                | ---          | <0.50                            | <0.50           | <0.50           | 16         | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW3        | 04/22/11                | ---          | <0.50                            | <0.50           | <0.50           | 13         | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW3        | 10/18/11 u              | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ---         | ---          | ---        |
| <b>MW3</b> | <b>04/25/12</b>         | ---          | <b>&lt;0.50</b>                  | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>12</b>  | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;50</b>  | ---         | ---          | ---        |
| MW4        | 09/10/87                | ---          | Well installed.                  |                 |                 |            |                 |                 |                |             |              |            |
| MW4        | 09/10/87 - 03/26/04     | ---          | Not analyzed for these analytes. |                 |                 |            |                 |                 |                |             |              |            |
| MW4        | 03/30/01                | ---          | Well covered by asphalt.         |                 |                 |            |                 |                 |                |             |              |            |
| <b>MW4</b> | <b>04/25/12</b>         | ---          | <b>Well covered by asphalt.</b>  |                 |                 |            |                 |                 |                |             |              |            |
| MW5        | Prior to September 1987 | ---          | Well installed.                  |                 |                 |            |                 |                 |                |             |              |            |
| MW5        | 09/01/87 - 04/25/89     | ---          | Not analyzed for these analytes. |                 |                 |            |                 |                 |                |             |              |            |
| MW5        | 07/18/89                | ---          | Well destroyed.                  |                 |                 |            |                 |                 |                |             |              |            |
| MW6        | 09/10/87                | ---          | Well installed.                  |                 |                 |            |                 |                 |                |             |              |            |
| MW6        | 05/01/89 - 03/26/04     | ---          | Not analyzed for these analytes. |                 |                 |            |                 |                 |                |             |              |            |
| MW6        | 03/26/04                | ---          | <0.50                            | 34.0            | <0.50           | 11.7       | <0.50           | <0.50           | ---            | ---         | ---          | ---        |
| MW6        | 11/02/04                | ---          | <0.50                            | <0.50           | <0.50           | <10.0      | <0.50           | <0.50           | ---            | ---         | ---          | ---        |
| MW6        | 02/04/05                | ---          | <0.50                            | <0.50           | <0.50           | 54.3       | <0.50           | <0.50           | ---            | ---         | ---          | ---        |
| MW6        | 05/02/05                | ---          | <0.50                            | <0.50           | <0.50           | <10.0      | <0.50           | <0.50           | <100           | ---         | ---          | ---        |
| MW6        | 08/01/05                | ---          | <0.50                            | 15.3            | <0.50           | 29.2       | <0.50           | <0.50           | <100           | ---         | ---          | ---        |
| MW6        | 10/25/05                | ---          | <0.500                           | <0.500          | <0.500          | 20.6       | <0.500          | <0.500          | ---            | ---         | ---          | ---        |
| MW6        | 01/24/06                | ---          | <5.0                             | <5.0            | <5.0            | <200       | <5.0            | <5.0            | <1,000         | ---         | ---          | ---        |
| MW6        | 04/28/06                | ---          | <0.50                            | <0.50           | 12              | 41n        | <0.50           | <0.50           | <100           | ---         | ---          | ---        |
| MW6        | 08/04/06                | ---          | 0.940                            | 8.28            | <0.500          | <10.0      | <0.500          | <0.500          | <50.0          | ---         | ---          | ---        |
| MW6        | 10/06/06                | ---          | <0.50                            | <0.50           | <0.50           | 14         | <0.50           | <0.50           | <100           | ---         | ---          | ---        |
| MW6        | 01/12/07                | ---          | <0.50                            | <0.50           | <0.50           | 11         | <0.50           | <0.50           | <100           | ---         | ---          | ---        |
| MW6        | 04/09/07                | ---          | <0.500                           | <0.500          | <0.500          | <10.0      | <0.500          | <0.500          | <50.0          | ---         | ---          | ---        |
| MW6        | 08/06/07                | ---          | <0.50                            | <0.50           | <0.50           | <10        | <0.50           | <0.50           | <100           | ---         | ---          | ---        |
| MW6        | 11/15/07                | ---          | <0.50                            | <0.50           | <0.50           | <10        | <0.50           | <0.50           | <100           | ---         | ---          | ---        |
| MW6        | 01/02/08                | ---          | <0.50                            | <0.50           | <0.50           | <10        | <0.50           | <0.50           | <100           | ---         | ---          | ---        |
| MW6        | 04/03/08                | ---          | <0.50                            | <0.50           | <0.50           | 11         | <0.50           | <0.50           | <100           | ---         | ---          | ---        |
| MW6        | 07/09/08                | ---          | <0.50                            | <0.50           | <0.50           | <10        | <0.50           | <0.50           | <100           | ---         | ---          | ---        |
| MW6        | 10/01/08                | ---          | Well covered by asphalt.         |                 |                 |            |                 |                 |                |             |              |            |
| MW6        | 01/07/09                | ---          | Well covered by asphalt.         |                 |                 |            |                 |                 |                |             |              |            |
| MW6        | 01/16/09                | ---          | <0.50                            | <0.50           | <0.50           | <5.0       | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW6        | 04/24/09                | ---          | <0.50                            | <0.50           | <0.50           | <5.0       | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW6        | 07/01/09                | ---          | <0.50                            | <0.50           | <0.50           | <5.0       | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW6        | 10/01/09                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ---         | ---          | ---        |
| MW6        | 03/04/10                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ---         | ---          | ---        |

**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID    | Sampling Date           | Depth (feet) | EDB (µg/L)                       | 1,2-DCA (µg/L)  | TAME (µg/L)     | TBA (µg/L) | ETBE (µg/L)     | DIPE (µg/L)     | Ethanol (µg/L) | VOCs (µg/L) | EHCss (µg/L) | TOG (µg/L) |
|------------|-------------------------|--------------|----------------------------------|-----------------|-----------------|------------|-----------------|-----------------|----------------|-------------|--------------|------------|
| MW6        | 05/06/10                | ---          | <0.50                            | <0.50           | <0.50           | 5.2        | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW6        | 08/06/10                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ---         | ---          | ---        |
| MW6        | 11/02/10                | ---          | <0.50                            | <0.50           | <0.50           | <5.0       | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW6        | 04/21/11                | ---          | <0.50                            | <0.50           | <0.50           | 5.4        | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW6        | 10/18/11                | ---          | <0.50                            | <0.50           | <0.50           | <5.0       | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| <b>MW6</b> | <b>04/25/12</b>         | ---          | <b>&lt;0.50</b>                  | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>17v</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;50</b>  | ---         | ---          | ---        |
| MW7        | Prior to September 1987 | ---          | Well installed.                  |                 |                 |            |                 |                 |                |             |              |            |
| MW7        | Sept 1987               | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ND          | ---          | ---        |
| MW7        | May 1988                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ND          | ---          | ---        |
| MW7        | 04/25/89 - 09/22/89     | ---          | Not analyzed for these analytes. |                 |                 |            |                 |                 |                |             |              |            |
| MW7        | 12/06/89                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ND          | ---          | <5,000     |
| MW7        | 04/19/90                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ND          | ---          | ---        |
| MW7        | 07/03/90                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ND          | ---          | ---        |
| MW7        | 11/27/90                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | 2.4s        | ---          | ---        |
| MW7        | 03/26/91                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ND          | ---          | ---        |
| MW7        | 03/10/93                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | h           | ---          | <5,000     |
| MW7        | 08/11/93                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ND          | ---          | ---        |
| MW7        | 02/03/94                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ---         | ---          | 470p       |
| MW7        | 03/10/94                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ---         | ---          | ---        |
| MW7        | 04/22/94                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ---         | ---          | ---        |
| MW7        | 05/10/94 - 05/11/94     | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ---         | ---          | 1,400p     |
| MW7        | 11/30/94                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ---         | ---          | ---        |
| MW7        | 12/27/94                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ---         | ---          | ---        |
| MW7        | 02/06/95                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ---         | 1,100        | ---        |
| MW7        | 06/07/95                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ---         | 1,000        | ---        |
| MW7        | 09/18/95                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ---         | 870          | ---        |
| MW7        | 11/01/95                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ---         | 1,400        | ---        |
| MW7        | 02/14/96                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ---         | 940          | ---        |
| MW7        | 06/19/96                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ---         | 1,000        | ---        |
| MW7        | 09/24/96                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ---         | 910          | ---        |
| MW7        | 12/11/96                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ---         | 1,100        | ---        |
| MW7        | 03/19/97                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ---         | 580          | ---        |
| MW7        | 06/04/97                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ---         | 780          | ---        |
| MW7        | 09/02/97                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ---         | 740          | ---        |
| MW7        | 12/21/00                | ---          | Well destroyed.                  |                 |                 |            |                 |                 |                |             |              |            |
| MW8        | Prior to September 1987 | ---          | Well installed.                  |                 |                 |            |                 |                 |                |             |              |            |
| MW8        | 09/01/87 - 07/17/93     | ---          | Not analyzed for these analytes. |                 |                 |            |                 |                 |                |             |              |            |
| MW8        | 08/11/93                | ---          | ---                              | ---             | ---             | ---        | ---             | ---             | ---            | ND          | ---          | ---        |

**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID     | Sampling Date       | Depth (feet) | EDB (µg/L)                       | 1,2-DCA (µg/L) | TAME (µg/L) | TBA (µg/L) | ETBE (µg/L) | DIPE (µg/L) | Ethanol (µg/L) | VOCs (µg/L) | EHCss (µg/L) | TOG (µg/L) |
|-------------|---------------------|--------------|----------------------------------|----------------|-------------|------------|-------------|-------------|----------------|-------------|--------------|------------|
| MW8         | 09/01/93 - 03/21/00 | ---          | Not analyzed for these analytes. |                |             |            |             |             |                |             |              |            |
| MW8         | 12/21/00            | ---          | Well destroyed.                  |                |             |            |             |             |                |             |              |            |
| MW9         | Prior to May 1988   | ---          | Well installed.                  |                |             |            |             |             |                |             |              |            |
| MW9         | May 1988            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ND          | ---          | ---        |
| MW9         | 12/06/89            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ND          | ---          | <5,000     |
| MW9         | 02/20/90            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ND          | ---          | ---        |
| MW9         | 04/19/90            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ND          | ---          | ---        |
| MW9         | 11/27/90            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ND          | ---          | ---        |
| MW9         | 08/11/93            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ND          | ---          | ---        |
| MW9         | 09/01/93 - 02/14/96 | ---          | Not analyzed for these analytes. |                |             |            |             |             |                |             |              |            |
| MW9         | 06/19/96            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ---         | <50          | ---        |
| MW9         | 09/24/96 - 12/21/00 | ---          | Not analyzed for these analytes. |                |             |            |             |             |                |             |              |            |
| MW9         | 12/21/00            | ---          | Well destroyed.                  |                |             |            |             |             |                |             |              |            |
| MW10        | Prior to 12/06/08   | ---          | Well installed.                  |                |             |            |             |             |                |             |              |            |
| MW10        | 04/19/90            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ND          | ---          | ---        |
| MW10        | 08/11/93            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ND          | ---          | ---        |
| MW10        | 09/01/93 - 02/14/96 | ---          | Not analyzed for these analytes. |                |             |            |             |             |                |             |              |            |
| MW10        | 06/19/96            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ---         | <50          | ---        |
| MW10        | 09/24/96 - 12/21/00 | ---          | Not analyzed for these analytes. |                |             |            |             |             |                |             |              |            |
| MW10        | 12/21/00            | ---          | Well destroyed.                  |                |             |            |             |             |                |             |              |            |
| MW11        | Prior to 12/06/08   | ---          | Well installed.                  |                |             |            |             |             |                |             |              |            |
| MW11        | 08/11/93            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ND          | ---          | ---        |
| MW11        | 09/01/93 - 02/14/96 | ---          | Not analyzed for these analytes. |                |             |            |             |             |                |             |              |            |
| MW11        | 06/19/96            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ---         | <50          | ---        |
| MW11        | 09/24/96 - 12/21/00 | ---          | Not analyzed for these analytes. |                |             |            |             |             |                |             |              |            |
| MW11        | 12/21/00            | ---          | Well destroyed.                  |                |             |            |             |             |                |             |              |            |
| MW12        | 11/27/89            | ---          | Well installed.                  |                |             |            |             |             |                |             |              |            |
| MW12        | 08/11/93            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ND          | ---          | ---        |
| MW12        | 09/01/93 - 11/02/04 | ---          | Not analyzed for these analytes. |                |             |            |             |             |                |             |              |            |
| MW12        | 03/30/01            | ---          | Well covered by asphalt.         |                |             |            |             |             |                |             |              |            |
| <b>MW12</b> | <b>04/25/12</b>     | ---          | <b>Well covered by asphalt.</b>  |                |             |            |             |             |                |             |              |            |
| MW13        | Prior to 12/06/08   | ---          | Well installed.                  |                |             |            |             |             |                |             |              |            |
| MW13        | 08/11/93            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ---         | ---          | ND         |
| MW13        | 09/01/93 - 12/21/00 | ---          | Not analyzed for these analytes. |                |             |            |             |             |                |             |              |            |
| MW13        | 12/21/00            | ---          | Well destroyed.                  |                |             |            |             |             |                |             |              |            |
| MW14        | 10/31/90            | ---          | Well installed.                  |                |             |            |             |             |                |             |              |            |

**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID | Sampling Date       | Depth (feet) | EDB (µg/L)                       | 1,2-DCA (µg/L) | TAME (µg/L) | TBA (µg/L) | ETBE (µg/L) | DIPE (µg/L) | Ethanol (µg/L) | VOCs (µg/L) | EHCss (µg/L) | TOG (µg/L) |
|---------|---------------------|--------------|----------------------------------|----------------|-------------|------------|-------------|-------------|----------------|-------------|--------------|------------|
| MW14    | 11/27/90 - 05/10/94 | ---          | Not analyzed for these analytes. |                |             |            |             |             |                |             |              |            |
| MW14    | 05/10/94 - 05/11/94 | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ---         | ---          | 210p       |
| MW14    | 06/27/94            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ---         | ---          | ---        |
| MW14    | 02/06/95            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ---         | ---          | 400        |
| MW14    | 06/07/95            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ---         | 450          | ---        |
| MW14    | 09/18/95            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ---         | 1,200        | ---        |
| MW14    | 11/01/95            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ---         | 1,600        | ---        |
| MW14    | 02/14/96            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ---         | 680          | ---        |
| MW14    | 06/19/96            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ---         | 670          | ---        |
| MW14    | 09/24/96            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ---         | 4,500        | ---        |
| MW14    | 12/11/96            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ---         | 750          | ---        |
| MW14    | 03/19/97            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ---         | 470          | ---        |
| MW14    | 06/04/97            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ---         | 590          | ---        |
| MW14    | 09/02/97            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ---         | 1,300        | ---        |
| MW14    | 09/02/97 - 03/26/04 | ---          | Not analyzed for these analytes. |                |             |            |             |             |                |             |              |            |
| MW14    | 03/26/04            | ---          | <0.50                            | <0.50          | <0.50       | <10.0      | <0.50       | <0.50       | ---            | ---         | ---          | ---        |
| MW14    | 11/02/04            | ---          | <0.50                            | <0.50          | <0.50       | <10.0      | <0.50       | <0.50       | ---            | ---         | ---          | ---        |
| MW14    | 02/04/05            | ---          | <0.50                            | <0.50          | <0.50       | <10.0      | <0.50       | <0.50       | ---            | ---         | ---          | ---        |
| MW14    | 05/02/05            | ---          | <0.50                            | <0.50          | <0.50       | <10.0      | <0.50       | <0.50       | <100           | ---         | ---          | ---        |
| MW14    | 08/01/05            | ---          | <0.50                            | 1.90           | <0.50       | <10.0      | <0.50       | <0.50       | <100           | ---         | ---          | ---        |
| MW14    | 10/25/05            | ---          | <0.500                           | <0.500         | <0.500      | <10.0      | <0.500      | <0.500      | ---            | ---         | ---          | ---        |
| MW14    | 01/24/06            | ---          | <0.50                            | <0.50          | <0.50       | <20        | <0.50       | <0.50       | <100           | ---         | ---          | ---        |
| MW14    | 04/28/06            | ---          | <0.50                            | <0.50          | <0.50       | <20n       | <0.50       | <0.50       | <100           | ---         | ---          | ---        |
| MW14    | 08/04/06            | ---          | <0.500                           | 1.39           | <0.500      | <10.0      | <0.500      | <0.500      | <50.0          | ---         | ---          | ---        |
| MW14    | 10/06/06            | ---          | <0.50                            | <0.50          | <0.50       | <5.0       | <0.50       | <0.50       | <100           | ---         | ---          | ---        |
| MW14    | 01/12/07            | ---          | <0.50                            | <0.50          | <0.50       | <10        | <0.50       | <0.50       | <100           | ---         | ---          | ---        |
| MW14    | 04/09/07            | ---          | <0.500                           | <0.500         | <0.500      | <10.0      | <0.500      | <0.500      | <50.0          | ---         | ---          | ---        |
| MW14    | 08/06/07            | ---          | <0.50                            | <0.50          | <0.50       | <10        | <0.50       | <0.50       | <100           | ---         | ---          | ---        |
| MW14    | 11/15/07            | ---          | <0.50                            | <0.50          | <0.50       | <10        | <0.50       | <0.50       | <100           | ---         | ---          | ---        |
| MW14    | 01/02/08            | ---          | <0.50                            | <0.50          | <0.50       | <10        | <0.50       | <0.50       | <100           | ---         | ---          | ---        |
| MW14    | 04/03/08            | ---          | <0.50                            | <0.50          | <0.50       | <10        | <0.50       | <0.50       | <100           | ---         | ---          | ---        |
| MW14    | 07/09/08            | ---          | <0.50                            | <0.50          | <0.50       | <10        | <0.50       | <0.50       | <100           | ---         | ---          | ---        |
| MW14    | 10/01/08            | ---          | <0.50                            | <0.50          | <0.50       | <5.0       | <0.50       | <0.50       | <50            | ---         | ---          | ---        |
| MW14    | 01/07/09            | ---          | <0.50                            | <0.50          | <0.50       | <5.0       | <0.50       | <0.50       | <50            | ---         | ---          | ---        |
| MW14    | 01/16/09            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ---         | ---          | ---        |
| MW14    | 04/24/09            | ---          | <0.50                            | <0.50          | <0.50       | <5.0       | <0.50       | <0.50       | <50            | ---         | ---          | ---        |
| MW14    | 07/01/09            | ---          | <0.50                            | <0.50          | <0.50       | <5.0       | <0.50       | <0.50       | <50            | ---         | ---          | ---        |
| MW14    | 10/01/09            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ---         | ---          | ---        |
| MW14    | 03/04/10            | ---          | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ---         | ---          | ---        |

**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID      | Sampling Date       | Depth (feet) | EDB (µg/L)                       | 1,2-DCA (µg/L)  | TAME (µg/L)     | TBA (µg/L)     | ETBE (µg/L)     | DIPE (µg/L)     | Ethanol (µg/L) | VOCs (µg/L) | EHCss (µg/L) | TOG (µg/L) |
|--------------|---------------------|--------------|----------------------------------|-----------------|-----------------|----------------|-----------------|-----------------|----------------|-------------|--------------|------------|
| MW14         | 05/06/10            | ---          | <0.50                            | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW14         | 08/06/10            | ---          | ---                              | ---             | ---             | ---            | ---             | ---             | ---            | ---         | ---          | ---        |
| MW14         | 11/02/10            | ---          | <0.50                            | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW14         | 04/22/11            | ---          | <0.50                            | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW14         | 10/19/11            | ---          | <0.50                            | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| <b>MW14</b>  | <b>04/25/12</b>     | ---          | <b>&lt;0.50</b>                  | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;5.0</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;50</b>  | ---         | ---          | ---        |
| MW15         | Prior to 11/27/90   | ---          | Well installed.                  |                 |                 |                |                 |                 |                |             |              |            |
| MW15         | 08/11/93            | ---          | ---                              | ---             | ---             | ---            | ---             | ---             | ---            | ND          | ---          | ---        |
| MW15         | 09/01/93 - 12/21/00 | ---          | Not analyzed for these analytes. |                 |                 |                |                 |                 |                |             |              |            |
| MW15         | 12/21/00            | ---          | Well destroyed.                  |                 |                 |                |                 |                 |                |             |              |            |
| MW16A        | 10/01/09            | ---          | <2.0                             | <2.0            | <2.0            | <20            | <2.0            | <2.0            | <200           | ---         | ---          | ---        |
| MW16A        | 03/04/10            | ---          | <0.50                            | <0.50           | <0.50           | 28             | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW16A        | 05/06/10            | ---          | <0.50                            | <0.50           | <0.50           | 19             | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW16A        | 08/06/10            | ---          | <0.50                            | <0.50           | <0.50           | 5.6            | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW16A        | 11/02/10            | ---          | <0.50                            | 0.54            | <0.50           | 5.1            | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW16A        | 04/22/11            | ---          | <0.50                            | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW16A        | 10/19/11            | ---          | <0.50                            | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| <b>MW16A</b> | <b>04/25/12</b>     | ---          | <b>&lt;0.50</b>                  | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>22v</b>     | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;50</b>  | ---         | ---          | ---        |
| MW16B        | 10/01/09            | ---          | <2.0                             | <2.0            | <2.0            | <20            | <2.0            | <2.0            | <200           | ---         | ---          | ---        |
| MW16B        | 03/04/10            | ---          | <5.0                             | <5.0            | <5.0            | <50            | <5.0            | <5.0            | <500           | ---         | ---          | ---        |
| MW16B        | 05/06/10            | ---          | <5.0                             | <5.0            | <5.0            | <50            | <5.0            | <5.0            | <500           | ---         | ---          | ---        |
| MW16B        | 08/06/10            | ---          | <0.50                            | 1.1             | <0.50           | 7.3            | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW16B        | 11/02/10            | ---          | <0.50                            | 1.0             | <0.50           | 5.3            | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW16B        | 04/22/11            | ---          | <4.0                             | <4.0            | <4.0            | <40            | <4.0            | <4.0            | <400           | ---         | ---          | ---        |
| MW16B        | 10/19/11            | ---          | <2.5                             | <2.5            | <2.5            | <25            | <2.5            | <2.5            | <250           | ---         | ---          | ---        |
| <b>MW16B</b> | <b>04/25/12</b>     | ---          | <b>&lt;2.0</b>                   | <b>&lt;2.0</b>  | <b>&lt;2.0</b>  | <b>24</b>      | <b>&lt;2.0</b>  | <b>&lt;2.0</b>  | <b>&lt;200</b> | ---         | ---          | ---        |
| MW17A        | 10/01/09            | ---          | <0.50                            | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW17A        | 03/04/10            | ---          | <0.50                            | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW17A        | 05/06/10            | ---          | <0.50                            | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW17A        | 08/06/10            | ---          | <0.50                            | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW17A        | 11/02/10            | ---          | <0.50                            | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW17A        | 04/22/11            | ---          | <0.50                            | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW17A        | 10/18/11            | ---          | <0.50                            | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| <b>MW17A</b> | <b>04/25/12</b>     | ---          | <b>&lt;0.50</b>                  | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;5.0</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;50</b>  | ---         | ---          | ---        |
| MW17B        | 10/01/09            | ---          | <0.50                            | 1.2             | 1.2             | 5.3            | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW17B        | 03/04/10            | ---          | <5.0                             | <5.0            | <5.0            | <50            | <5.0            | <5.0            | <500           | ---         | ---          | ---        |

**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID      | Sampling Date   | Depth (feet) | EDB (µg/L)      | 1,2-DCA (µg/L)  | TAME (µg/L)     | TBA (µg/L)     | ETBE (µg/L)     | DIPE (µg/L)     | Ethanol (µg/L) | VOCs (µg/L) | EHCss (µg/L) | TOG (µg/L) |
|--------------|-----------------|--------------|-----------------|-----------------|-----------------|----------------|-----------------|-----------------|----------------|-------------|--------------|------------|
| MW17B        | 05/06/10        | ---          | <5.0            | <5.0            | <5.0            | <50            | <5.0            | <5.0            | <500           | ---         | ---          | ---        |
| MW17B        | 08/06/10        | ---          | <0.50           | 1.1             | 1.2             | 11             | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW17B        | 11/02/10        | ---          | <0.50           | 1.0             | 1.2             | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW17B        | 04/22/11        | ---          | <5.0            | <5.0            | <5.0            | <50            | <5.0            | <5.0            | <500           | ---         | ---          | ---        |
| MW17B        | 10/18/11        | ---          | <5.0            | <5.0            | <5.0            | <50            | <5.0            | <5.0            | <500           | ---         | ---          | ---        |
| <b>MW17B</b> | <b>04/25/12</b> | ---          | <b>&lt;5.0</b>  | <b>&lt;5.0</b>  | <b>&lt;5.0</b>  | <b>&lt;50</b>  | <b>&lt;5.0</b>  | <b>&lt;5.0</b>  | <b>&lt;500</b> | ---         | ---          | ---        |
| MW18A        | 10/01/09        | ---          | <0.50           | <0.50           | <0.50           | 20             | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW18A        | 03/04/10        | ---          | <0.50           | <0.50           | <0.50           | 7.0            | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW18A        | 05/06/10        | ---          | <0.50           | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW18A        | 08/06/10        | ---          | <0.50           | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW18A        | 11/02/10        | ---          | <0.50           | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW18A        | 04/21/11        | ---          | <0.50           | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW18A        | 10/18/11        | ---          | <0.50           | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| <b>MW18A</b> | <b>04/25/12</b> | ---          | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;5.0</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;50</b>  | ---         | ---          | ---        |
| MW18B        | 10/01/09        | ---          | <0.50           | 0.74            | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW18B        | 03/04/10        | ---          | <0.50           | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW18B        | 05/06/10        | ---          | <0.50           | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW18B        | 08/06/10        | ---          | <0.50           | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW18B        | 11/02/10        | ---          | <0.50           | <0.50           | <0.50           | 6.0            | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW18B        | 04/21/11        | ---          | <0.50           | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW18B        | 10/18/11        | ---          | <0.50           | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| <b>MW18B</b> | <b>04/25/12</b> | ---          | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;5.0</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;50</b>  | ---         | ---          | ---        |
| MW19A        | 10/01/09        | ---          | <0.50           | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW19A        | 03/04/10        | ---          | <0.50           | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW19A        | 05/06/10        | ---          | <0.50           | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW19A        | 08/06/10        | ---          | <0.50           | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW19A        | 11/02/10        | ---          | <0.50           | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW19A        | 04/21/11        | ---          | <0.50           | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW19A        | 10/18/11        | ---          | <0.50           | <0.50           | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| <b>MW19A</b> | <b>04/25/12</b> | ---          | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;5.0</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;50</b>  | ---         | ---          | ---        |
| MW19B        | 10/01/09        | ---          | <0.50           | 1.2             | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW19B        | 03/04/10        | ---          | <0.50           | 1.4             | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW19B        | 05/06/10        | ---          | <0.50           | 1.3             | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW19B        | 08/06/10        | ---          | <0.50           | 1.4             | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW19B        | 11/02/10        | ---          | <0.50           | 1.3             | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW19B        | 04/21/11        | ---          | <0.50           | 1.3             | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |
| MW19B        | 10/18/11        | ---          | <0.50           | 1.5             | <0.50           | <5.0           | <0.50           | <0.50           | <50            | ---         | ---          | ---        |



**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID                         | Sampling Date      | Depth (feet) | EDB (µg/L)                       | 1,2-DCA (µg/L) | TAME (µg/L) | TBA (µg/L) | ETBE (µg/L) | DIPE (µg/L) | Ethanol (µg/L) | VOCs (µg/L) | EHCss (µg/L) | TOG (µg/L) |
|---------------------------------|--------------------|--------------|----------------------------------|----------------|-------------|------------|-------------|-------------|----------------|-------------|--------------|------------|
| <b>MW19B</b>                    | <b>04/25/12</b>    | ---          | <0.50                            | 1.2            | <0.50       | <5.0       | <0.50       | <0.50       | <50            | ---         | ---          | ---        |
| VW1                             | Prior to 02/18/93  | ---          | Well installed.                  |                |             |            |             |             |                |             |              |            |
| VW1                             | 02/18/93 - Present | ---          | Not analyzed for these analytes. |                |             |            |             |             |                |             |              |            |
| VW2                             | Prior to 02/18/93  | ---          | Well installed.                  |                |             |            |             |             |                |             |              |            |
| VW2                             | 02/18/93 - Present | ---          | Not analyzed for these analytes. |                |             |            |             |             |                |             |              |            |
| VW3                             | Prior to 02/18/93  | ---          | Well installed.                  |                |             |            |             |             |                |             |              |            |
| VW3                             | 03/10/93 - Present | ---          | Not analyzed for these analytes. |                |             |            |             |             |                |             |              |            |
| <b>Grab Groundwater Samples</b> |                    |              |                                  |                |             |            |             |             |                |             |              |            |
| <u>CPT Borings</u>              |                    |              |                                  |                |             |            |             |             |                |             |              |            |
| W-18-CPT1                       | 04/12/05           | 18           | <0.50                            | <0.50          | <0.50       | <10.0      | <0.50       | <0.50       | ---            | ---         | ---          | ---        |
| W-10-CPT2                       | 04/13/05           | 10           | <5.00                            | <5.00          | <5.00       | <100       | <5.00       | 18.0        | ---            | ---         | ---          | ---        |
| W-26-CPT2                       | 04/13/05           | 26           | <0.50                            | <0.50          | <0.50       | <10.0      | <0.50       | <0.50       | ---            | ---         | ---          | ---        |
| W-10-CPT3                       | 04/13/05           | 10           | <0.50                            | <0.50          | <0.50       | <10.0      | <0.50       | <0.50       | ---            | ---         | ---          | ---        |
| W-29-CPT3                       | 04/13/05           | 29           | <0.50                            | <0.50          | <0.50       | <10.0      | <0.50       | <0.50       | ---            | ---         | ---          | ---        |
| W-10-CPT4                       | 04/12/05           | 10           | <0.50                            | <0.50          | <0.50       | <10.0      | <0.50       | <0.50       | ---            | ---         | ---          | ---        |
| W-24-CPT4                       | 04/12/05           | 24           | <0.50                            | 7.60           | <0.50       | <10.0      | <0.50       | <0.50       | ---            | ---         | ---          | ---        |
| W-10-CPT5                       | 04/12/05           | 10           | <0.50                            | <0.50          | <0.50       | <10.0      | <0.50       | <0.50       | ---            | ---         | ---          | ---        |
| W-30-CPT6                       | 04/11/05           | 30           | <0.50                            | <0.50          | <0.50       | <10.0      | <0.50       | <0.50       | ---            | ---         | ---          | ---        |
| W-30-CPT6                       | 04/12/05           | 30           | ---                              | ---            | ---         | ---        | ---         | ---         | ---            | ---         | ---          | ---        |
| <u>Direct-Push Borings</u>      |                    |              |                                  |                |             |            |             |             |                |             |              |            |
| W-12-DP1                        | 04/14/05           | 12           | <0.50                            | <0.50          | 4.80        | 138        | <0.50       | <0.50       | ---            | ---         | ---          | ---        |
| W-12-DP3                        | 04/14/05           | 12           | <0.50                            | <0.50          | <0.50       | <10.0      | <0.50       | <0.50       | ---            | ---         | ---          | ---        |
| W-12-DP4                        | 04/14/05           | 12           | <0.50                            | <0.50          | <0.50       | <10.0      | <0.50       | <0.50       | ---            | ---         | ---          | ---        |
| W-12-DP5                        | 04/14/05           | 12           | <0.50                            | <0.50          | <0.50       | <10.0      | <0.50       | 0.60        | ---            | ---         | ---          | ---        |
| W-12-DP6                        | 04/14/05           | 12           | <0.50                            | <0.50          | <0.50       | <10.0      | <0.50       | <0.50       | ---            | ---         | ---          | ---        |
| W-30-DP9                        | 12/15/06           | 30           | <0.50                            | <0.50          | <0.50       | <20        | <0.50       | <0.50       | <100           | ---         | ---          | ---        |
| <u>Hydropunch® Borings</u>      |                    |              |                                  |                |             |            |             |             |                |             |              |            |
| W-13-HP7                        | 12/12/06           | 13           | <0.50                            | <0.50          | <0.50       | <5.0       | <0.50       | <0.50       | <100           | ---         | ---          | ---        |
| W-30-HP11                       | 12/13/06           | 30           | <0.50                            | <0.50          | <0.50       | <20        | <0.50       | <0.50       | <100           | ---         | ---          | ---        |

**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Well ID     | Sampling Date | Depth (feet) | EDB (µg/L) | 1,2-DCA (µg/L) | TAME (µg/L) | TBA (µg/L) | ETBE (µg/L) | DIPE (µg/L) | Ethanol (µg/L) | VOCs (µg/L) | EHCss (µg/L) | TOG (µg/L) |
|-------------|---------------|--------------|------------|----------------|-------------|------------|-------------|-------------|----------------|-------------|--------------|------------|
| W-13.5-HP12 | 12/13/06      | 13.5         | <0.50      | <0.50          | <0.50       | <20        | <0.50       | <0.50       | <100           | ---         | ---          | ---        |
| W-31-HP12   | 12/13/06      | 31           | <0.50      | 1.3            | <0.50       | <20        | <0.50       | <0.50       | <100           | ---         | ---          | ---        |

**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

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Notes:

|                  |   |  |
|------------------|---|--|
| TOC              | = | Top of well casing elevation; datum is mean sea level.   |
| DTW              | = | Depth to water.  |
| GW Elev.         | = | Groundwater elevation; datum is mean sea level. If liquid-phase hydrocarbons present, elevation adjusted using TOC - [DTW - (PT x 0.8)]. |
| NAPL             | = | Non-aqueous phase liquid.  |
| [ ]              | = | Amount recovered in cups.  |
| TPHd             | = | Total petroleum hydrocarbons as diesel analyzed using EPA Method 3510/8015 (modified).   |
| TPHg             | = | Total petroleum hydrocarbons as gasoline analyzed using EPA Method 5030/8015 (modified).   |
| MTBE 8021B       | = | Methyl tertiary butyl ether analyzed using EPA Method 8021B.   |
| MTBE 8260B       | = | Methyl tertiary butyl ether analyzed using EPA Method 8260B.   |
| BTEX             | = | Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.   |
| TOG              | = | Total oil and grease analyzed using Standard Method 5520.  |
| EHCss            | = | Extractable hydrocarbons as Stoddard Solvent analyzed using EPA Method 8015.   |
| EDB              | = | 1,2-dibromoethane analyzed using EPA Method 8260B.   |
| 1,2-DCA          | = | 1,2-dichloroethane analyzed using EPA Method 8260B.  |
| TAME             | = | Tertiary amyl methyl ether analyzed using EPA Method 8260B.  |
| TBA              | = | Tertiary butyl alcohol analyzed using EPA Method 8260B.  |
| ETBE             | = | Ethyl tertiary butyl ether analyzed using EPA Method 8260B.  |
| DIPE             | = | Di-isopropyl ether analyzed using EPA Method 8260B.  |
| Ethanol          | = | Ethanol analyzed using EPA Method 8260B.   |
| TPH Carbon Range | = | Total petroleum hydrocarbon range analyzed using EPA Method 8015B(M).  |
| µg/L             | = | Micrograms per liter.  |
| mg/kg            | = | Milligrams per kilogram.   |
| ND               | = | Not detected at or above laboratory reporting limits.  |
| ---              | = | Not measured/Not sampled/Not analyzed.   |
| <                | = | Less than the stated laboratory reporting limit.   |
| a                | = | A peak eluting earlier than benzene, suspected to be MTBE, was present.  |
| b                | = | Sample containers broken in transit.   |
| c                | = | Chromatogram pattern: unidentified hydrocarbons C6 - C12.  |
| d                | = | Chromatogram pattern: weathered gasoline C6 - C12.   |
| e                | = | Chromatogram pattern: weathered diesel C9 - C24 and unidentified hydrocarbons C9 - C36.  |
| f                | = | Chromatogram pattern: unidentified hydrocarbons C9 - C24.  |
| g                | = | Hydrocarbon pattern is not consistent with that of the specified standard.   |
| h                | = | Analysis run. Results not available.   |
| i                | = | TPHd note: Analyst notes samples resemble paint thinner more than Stoddard Solvent.  |
| j                | = | Analyte detected in trip blank, method blank, and/or bailer blank; result is suspect.  |
| k                | = | Higher reported TPH concentrations in groundwater may be due to different laboratory quantitation procedures.                            |
| l                | = | Elevated result due to single analyte peak in quantitation range.  |

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**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

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Notes (Cont.):

- m = Surrogate recovery above control limits; this may result in a high bias.
- n = Laboratory QA/QC issue(s); ERI considers the result to be usable. Please refer to laboratory report for details.
- o = Analyzed using EPA Method 624 (volatile organic compounds).
- p = Analyzed for Stoddard Solvent using EPA Method 5030/8015.
- q = Analyzed for Stoddard Solvent using modified EPA Method 5030/8015. Sample chromatogram was not representative of a Stoddard Solvent pattern. Pattern was representative of the heavier hydrocarbons found in a gasoline pattern.
- r = Stoddard Solution detected in the sample at approximately 320 parts per billion (ppb).
- s = Chloromethane.
- t = Analyte presence was not confirmed by second column or GC/MS analysis.
- u = Product detected in well; therefore, groundwater samples were not collected.
- v = Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.

**TABLE 1C**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA - CARBON RANGE**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

| Sample ID                      | Sampling Date | C6 (mg/kg) | C7 (mg/kg) | C8 (mg/kg) | C9-C10 (mg/kg) | C11-C12 (mg/kg) | C13-C14 (mg/kg) | C15-C16 (mg/kg) | C17-C18 (mg/kg) | C19-C20 (mg/kg) | C21-C22 (mg/kg) | C23-C24 (mg/kg) | C25-C28 (mg/kg) | C29-C32 (mg/kg) | C33-C36 (mg/kg) | C37-C40 (mg/kg) | C41-C44 (mg/kg) | C6-C44 (mg/kg) |
|--------------------------------|---------------|------------|------------|------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|
| <b>Monitoring Well Samples</b> |               |            |            |            |                |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                |
| W-14-MW3-OIL                   | 04/27/11      | <5,000     | <5,000     | <5,000     | 7,500          | 18,000          | 25,000          | 19,000          | 18,000          | 9,400           | 6,100           | <5,000          | <5,000          | <5,000          | <5,000          | <5,000          | <5,000          | 110,000        |
| MW3                            | 04/25/12      | 21,000     | 68,000     | 56,000     | 130,000        | 190,000         | 210,000         | 130,000         | 160,000         | 76,000          | 39,000          | 25,000          | 12,000          | <10,000         | <10,000         | <10,000         | <10,000         | 1100,000       |

**TABLE 2C**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA - CARBON RANGE**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

---

Notes:

|                  |   |  |
|------------------|---|--|
| TOC              | = | Top of well casing elevation; datum is mean sea level.   |
| DTW              | = | Depth to water.  |
| GW Elev.         | = | Groundwater elevation; datum is mean sea level. If liquid-phase hydrocarbons present, elevation adjusted using TOC - [DTW - (PT x 0.8)]. |
| NAPL             | = | Non-aqueous phase liquid.  |
| [ ]              | = | Amount recovered in cups.  |
| TPHd             | = | Total petroleum hydrocarbons as diesel analyzed using EPA Method 3510/8015 (modified).   |
| TPHg             | = | Total petroleum hydrocarbons as gasoline analyzed using EPA Method 5030/8015 (modified).   |
| MTBE 8021B       | = | Methyl tertiary butyl ether analyzed using EPA Method 8021B.   |
| MTBE 8260B       | = | Methyl tertiary butyl ether analyzed using EPA Method 8260B.   |
| BTEX             | = | Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.   |
| TOG              | = | Total oil and grease analyzed using Standard Method 5520.  |
| EHCss            | = | Extractable hydrocarbons as Stoddard Solvent analyzed using EPA Method 8015.   |
| EDB              | = | 1,2-dibromoethane analyzed using EPA Method 8260B.   |
| 1,2-DCA          | = | 1,2-dichloroethane analyzed using EPA Method 8260B.  |
| TAME             | = | Tertiary amyl methyl ether analyzed using EPA Method 8260B.  |
| TBA              | = | Tertiary butyl alcohol analyzed using EPA Method 8260B.  |
| ETBE             | = | Ethyl tertiary butyl ether analyzed using EPA Method 8260B.  |
| DIPE             | = | Di-isopropyl ether analyzed using EPA Method 8260B.  |
| Ethanol          | = | Ethanol analyzed using EPA Method 8260B.   |
| TPH Carbon Range | = | Total petroleum hydrocarbon range analyzed using EPA Method 8015B(M).  |
| µg/L             | = | Micrograms per liter.  |
| mg/kg            | = | Milligrams per kilogram.   |
| ND               | = | Not detected at or above laboratory reporting limits.  |
| ---              | = | Not measured/Not sampled/Not analyzed.   |
| <                | = | Less than the stated laboratory reporting limit.   |
| a                | = | A peak eluting earlier than benzene, suspected to be MTBE, was present.  |
| b                | = | Sample containers broken in transit.   |
| c                | = | Chromatogram pattern: unidentified hydrocarbons C6 - C12.  |
| d                | = | Chromatogram pattern: weathered gasoline C6 - C12.   |
| e                | = | Chromatogram pattern: weathered diesel C9 - C24 and unidentified hydrocarbons C9 - C36.  |
| f                | = | Chromatogram pattern: unidentified hydrocarbons C9 - C24.  |
| g                | = | Hydrocarbon pattern is not consistent with that of the specified standard.   |
| h                | = | Analysis run. Results not available.   |
| i                | = | TPHd note: Analyst notes samples resemble paint thinner more than Stoddard Solvent.  |
| j                | = | Analyte detected in trip blank, method blank, and/or bailer blank; result is suspect.  |
| k                | = | Higher reported TPH concentrations in groundwater may be due to different laboratory quantitation procedures.                            |
| l                | = | Elevated result due to single analyte peak in quantitation range.  |

**TABLE 2C**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA - CARBON RANGE**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

---

Notes (Cont.):

- m = Surrogate recovery above control limits; this may result in a high bias.
- n = Laboratory QA/QC issue(s); ERI considers the result to be usable. Please refer to laboratory report for details.
- o = Analyzed using EPA Method 624 (volatile organic compounds).
- p = Analyzed for Stoddard Solvent using EPA Method 5030/8015.
- q = Analyzed for Stoddard Solvent using modified EPA Method 5030/8015. Sample chromatogram was not representative of a Stoddard Solvent pattern. Pattern was representative of the heavier hydrocarbons found in a gasoline pattern.
- r = Stoddard Solution detected in the sample at approximately 320 parts per billion (ppb).
- s = Chloromethane.
- t = Analyte presence was not confirmed by second column or GC/MS analysis.
- u = Product detected in well; therefore, groundwater samples were not collected.
- v = Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.

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

| Well ID | Well Installation Date      | TOC Elevation (feet) | Borehole Diameter (inches) | Total Depth of Boring (feet bgs) | Well Depth (feet bgs) | Casing Diameter (inches) | Well Casing Material | Screened Interval (feet bgs) | Slot Size (inches) | Filter Pack Interval (feet bgs) | Filter Pack Material |
|---------|-----------------------------|----------------------|----------------------------|----------------------------------|-----------------------|--------------------------|----------------------|------------------------------|--------------------|---------------------------------|----------------------|
| MW1     | Well destroyed on 3/26/07.  |                      |                            |                                  |                       |                          |                      |                              |                    |                                 |                      |
| MW2     | 09/10/87                    | 13.06                | NS                         | 36.0                             | 35.0                  | 4                        | NS                   | 10.0-35.0                    | NS                 | 8-36                            | NS                   |
| MW3     | 09/10/87                    | 13.71                | NS                         | 36.0                             | 35.0                  | 4                        | NS                   | 10.0-35.0                    | NS                 | 8-36                            | NS                   |
| MW4     | 09/10/87                    | 12.77                | NS                         | 36.0                             | 35.0                  | 4                        | NS                   | 10.0-35.0                    | NS                 | 8-36                            | NS                   |
| MW5     | Well destroyed on 07/18/89. |                      |                            |                                  |                       |                          |                      |                              |                    |                                 |                      |
| MW6     | 09/10/87                    | 14.23                | NS                         | 36.0                             | 35.0                  | 4                        | NS                   | 10.0-35.0                    | NS                 | 8-36                            | NS                   |
| MW7     | Well destroyed on 12/21/00. |                      |                            |                                  |                       |                          |                      |                              |                    |                                 |                      |
| MW8     | Well destroyed on 12/21/00. |                      |                            |                                  |                       |                          |                      |                              |                    |                                 |                      |
| MW9     | Well destroyed on 12/21/00. |                      |                            |                                  |                       |                          |                      |                              |                    |                                 |                      |
| MW10    | Well destroyed on 12/21/00. |                      |                            |                                  |                       |                          |                      |                              |                    |                                 |                      |
| MW11    | Well destroyed on 12/21/00. |                      |                            |                                  |                       |                          |                      |                              |                    |                                 |                      |
| MW12    | 11/27/89                    | 12.61                | 10                         | 15.5                             | 15.5                  | 4                        | PVC                  | 5.0-15.0                     | 0.010              | 4-15.5                          | NS                   |
| MW13    | Well destroyed on 12/21/00. |                      |                            |                                  |                       |                          |                      |                              |                    |                                 |                      |
| MW14    | 10/31/90                    | 15.14                | 10                         | 18.5                             | 17.0                  | 4                        | PVC                  | 7.0-17.0                     | 0.010              | 5.5-17                          | NS                   |
| MW15    | Well destroyed on 12/21/00. |                      |                            |                                  |                       |                          |                      |                              |                    |                                 |                      |
| MW16A   | 08/24/09                    | 13.02                | 8                          | 14                               | 12.5                  | 2                        | PVC                  | 7.5-12.5                     | 0.020              | 6.5-14                          | #3 Sand              |
| MW16B   | 08/24/09                    | 13.19                | 8                          | 24                               | 24                    | 2                        | PVC                  | 20-24                        | 0.020              | 18-24                           | #3 Sand              |
| MW17A   | 08/25/09                    | 13.99                | 8                          | 13                               | 13                    | 2                        | PVC                  | 8-13                         | 0.020              | 6.5-13                          | #3 Sand              |
| MW17B   | 08/25/09                    | 13.92                | 8                          | 26                               | 26                    | 2                        | PVC                  | 22-26                        | 0.020              | 20-26                           | #3 Sand              |
| MW18A   | 08/25/09                    | 13.55                | 8                          | 14                               | 14                    | 2                        | PVC                  | 9-14                         | 0.020              | 7-14                            | #3 Sand              |
| MW18B   | 08/25/09                    | 13.21                | 8                          | 31                               | 31                    | 2                        | PVC                  | 26-31                        | 0.020              | 24-31                           | #3 Sand              |
| MW19A   | 08/26/09                    | 15.05                | 8                          | 14                               | 14                    | 2                        | PVC                  | 9-14                         | 0.020              | 7-14                            | #3 Sand              |



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

| Well ID | Well Installation Date     | TOC Elevation (feet) | Borehole Diameter (inches) | Total Depth of Boring (feet bgs) | Well Depth (feet bgs) | Casing Diameter (inches) | Well Casing Material | Screened Interval (feet bgs) | Slot Size (inches) | Filter Pack Interval (feet bgs) | Filter Pack Material |
|---------|----------------------------|----------------------|----------------------------|----------------------------------|-----------------------|--------------------------|----------------------|------------------------------|--------------------|---------------------------------|----------------------|
| MW19B   | 08/26/09                   | 15.05                | 8                          | 26                               | 24                    | 2                        | PVC                  | 20-24                        | 0.020              | 18-26                           | #3 Sand              |
| VW1     | Well destroyed.            |                      |                            |                                  |                       |                          |                      |                              |                    |                                 |                      |
| VW2     | Well destroyed.            |                      |                            |                                  |                       |                          |                      |                              |                    |                                 |                      |
| VW3     | Well destroyed.            |                      |                            |                                  |                       |                          |                      |                              |                    |                                 |                      |
| AS1     | Information not available. |                      |                            |                                  |                       |                          |                      |                              |                    |                                 |                      |
| AS2     | Information not available. |                      |                            |                                  |                       |                          |                      |                              |                    |                                 |                      |
| AS3     | Information not available. |                      |                            |                                  |                       |                          |                      |                              |                    |                                 |                      |
| AS4     | Information not available. |                      |                            |                                  |                       |                          |                      |                              |                    |                                 |                      |
| AS5     | Information not available. |                      |                            |                                  |                       |                          |                      |                              |                    |                                 |                      |
| AS6     | Information not available. |                      |                            |                                  |                       |                          |                      |                              |                    |                                 |                      |
| RW1     | April 1994                 | NS                   | NS                         | 16.88                            | NS                    | 6                        | NS                   | ---                          | NS                 | NS                              | NS                   |
| RW2     | April 1994                 | NS                   | NS                         | 16.82                            | NS                    | 6                        | NS                   | ---                          | NS                 | NS                              | NS                   |
| RW3     | April 1994                 | NS                   | NS                         | 16.72                            | NS                    | 6                        | NS                   | ---                          | NS                 | NS                              | NS                   |
| RW4     | April 1994                 | NS                   | NS                         | 17.18                            | NS                    | 6                        | NS                   | ---                          | NS                 | NS                              | NS                   |
| RW5     | Well destroyed.            |                      |                            |                                  |                       |                          |                      |                              |                    |                                 |                      |
| RW6     | Well destroyed.            |                      |                            |                                  |                       |                          |                      |                              |                    |                                 |                      |
| RW7     | Well destroyed.            |                      |                            |                                  |                       |                          |                      |                              |                    |                                 |                      |

Notes:

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

**APPENDIX A**  
**GROUNDWATER SAMPLING PROTOCOL**

## GROUNDWATER SAMPLING PROTOCOL

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

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

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

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

|       |   |   |
|-------|---|---|
| r     | = | radius of the well casing in feet   |
| h     | = | column of water in the well in feet<br>(depth to bottom - depth to water) |
| 7.48  | = | conversion constant from cubic feet to gallons                            |
| $\pi$ | = | ratio of the circumference of a circle to its diameter                    |

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

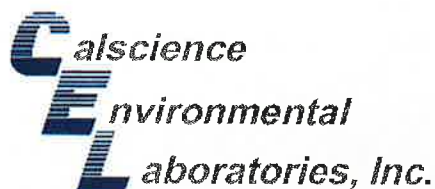
After purging, each well is allowed to recharge to at least 80% of the initial water level. Water samples from wells that do not recover at least 80% (due to slow recharging of the well) between purging and sampling are considered to be "grab samples." Water samples are collected with a new, disposable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

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

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

**APPENDIX B**

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



# CALSCIENCE

## WORK ORDER NUMBER: 12-04-1679

*The difference is service*



AIR | SOIL | WATER | MARINE CHEMISTRY

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BY:.....

### Analytical Report For

**Client:** Cardno ERI

**Client Project Name:** ExxonMobil 73006/022010C

**Attention:** Paula Sime  
601 North McDowell Blvd.  
Petaluma, CA 94954-2312

*Cecile de Guia*

Approved for release on 05/10/2012 by:  
Cecile deGuia  
Project Manager



ResultLink ▶

Email your PM ▶

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Work Order Number: 12-04-1679

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**Analytical Report**



Cardno ERI  
 601 North McDowell Blvd.  
 Petaluma, CA 94954-2312

Date Received: 04/27/12  
 Work Order No: 12-04-1679  
 Preparation: EPA 3510C  
 Method: EPA 8015B (M)

Project: ExxonMobil 73006/022010C

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-7-MW2              | 12-04-1679-2-G    | 04/25/12 11:55      | Aqueous | GC 48      | 04/30/12      | 05/01/12 02:59     | 120430B06   |

| Parameter          | Result         | RL                    | DF | Qual        | Units |
|--------------------|----------------|-----------------------|----|-------------|-------|
| TPH as Diesel      | 200            | 50                    | 1  | SG          | ug/L  |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> |    | <u>Qual</u> |       |
| Decachlorobiphenyl | 111            | 68-140                |    |             |       |

|          |                 |                |         |       |          |                |           |
|----------|-----------------|----------------|---------|-------|----------|----------------|-----------|
| W-12-MW3 | 12-04-1679-3-3E | 04/25/12 14:15 | Aqueous | GC 48 | 04/30/12 | 05/01/12 11:32 | 120430B06 |
|----------|-----------------|----------------|---------|-------|----------|----------------|-----------|

| Parameter          | Result         | RL                    | DF | Qual        | Units |
|--------------------|----------------|-----------------------|----|-------------|-------|
| TPH as Diesel      | 9100           | 500                   | 10 | SG          | ug/L  |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> |    | <u>Qual</u> |       |
| Decachlorobiphenyl | 99             | 68-140                |    |             |       |

|          |                |                |         |       |          |                |           |
|----------|----------------|----------------|---------|-------|----------|----------------|-----------|
| W-11-MW6 | 12-04-1679-4-G | 04/25/12 11:00 | Aqueous | GC 48 | 04/30/12 | 05/01/12 03:29 | 120430B06 |
|----------|----------------|----------------|---------|-------|----------|----------------|-----------|

| Parameter          | Result         | RL                    | DF | Qual        | Units |
|--------------------|----------------|-----------------------|----|-------------|-------|
| TPH as Diesel      | ND             | 50                    | 1  | SG,U        | ug/L  |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> |    | <u>Qual</u> |       |
| Decachlorobiphenyl | 110            | 68-140                |    |             |       |

|          |                |                |         |       |          |                |           |
|----------|----------------|----------------|---------|-------|----------|----------------|-----------|
| W-7-MW14 | 12-04-1679-5-G | 04/25/12 12:50 | Aqueous | GC 48 | 04/30/12 | 05/01/12 03:44 | 120430B06 |
|----------|----------------|----------------|---------|-------|----------|----------------|-----------|

| Parameter          | Result         | RL                    | DF | Qual        | Units |
|--------------------|----------------|-----------------------|----|-------------|-------|
| TPH as Diesel      | 1400           | 50                    | 1  | HD,SG       | ug/L  |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> |    | <u>Qual</u> |       |
| Decachlorobiphenyl | 103            | 68-140                |    |             |       |

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

**Analytical Report**



Cardno ERI  
 601 North McDowell Blvd.  
 Petaluma, CA 94954-2312

Date Received: 04/27/12  
 Work Order No: 12-04-1679  
 Preparation: EPA 3510C  
 Method: EPA 8015B (M)

Project: ExxonMobil 73006/022010C

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-5-MW16A            | 12-04-1679-6-G    | 04/25/12<br>12:45   | Aqueous | GC 48      | 04/30/12      | 05/01/12<br>03:59  | 120430B06   |

| Parameter          | Result         | RL                    | DF | Qual        | Units |
|--------------------|----------------|-----------------------|----|-------------|-------|
| TPH as Diesel      | 340            | 50                    | 1  | SG,HD       | ug/L  |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> |    | <u>Qual</u> |       |
| Decachlorobiphenyl | 119            | 68-140                |    |             |       |

|           |                |                   |         |       |          |                   |           |
|-----------|----------------|-------------------|---------|-------|----------|-------------------|-----------|
| W-9-MW16B | 12-04-1679-7-G | 04/25/12<br>12:30 | Aqueous | GC 48 | 04/30/12 | 05/01/12<br>04:14 | 120430B06 |
|-----------|----------------|-------------------|---------|-------|----------|-------------------|-----------|

| Parameter          | Result         | RL                    | DF | Qual        | Units |
|--------------------|----------------|-----------------------|----|-------------|-------|
| TPH as Diesel      | ND             | 50                    | 1  | SG,U        | ug/L  |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> |    | <u>Qual</u> |       |
| Decachlorobiphenyl | 114            | 68-140                |    |             |       |

|           |                |                   |         |       |          |                   |           |
|-----------|----------------|-------------------|---------|-------|----------|-------------------|-----------|
| W-6-MW17A | 12-04-1679-8-G | 04/25/12<br>10:45 | Aqueous | GC 48 | 04/30/12 | 05/01/12<br>04:29 | 120430B06 |
|-----------|----------------|-------------------|---------|-------|----------|-------------------|-----------|

| Parameter          | Result         | RL                    | DF | Qual        | Units |
|--------------------|----------------|-----------------------|----|-------------|-------|
| TPH as Diesel      | 190            | 50                    | 1  | SG,HD       | ug/L  |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> |    | <u>Qual</u> |       |
| Decachlorobiphenyl | 112            | 68-140                |    |             |       |

|            |                |                   |         |       |          |                   |           |
|------------|----------------|-------------------|---------|-------|----------|-------------------|-----------|
| W-10-MW17B | 12-04-1679-9-G | 04/25/12<br>11:00 | Aqueous | GC 48 | 04/30/12 | 05/01/12<br>05:13 | 120430B06 |
|------------|----------------|-------------------|---------|-------|----------|-------------------|-----------|

| Parameter          | Result         | RL                    | DF | Qual        | Units |
|--------------------|----------------|-----------------------|----|-------------|-------|
| TPH as Diesel      | ND             | 50                    | 1  | SG,U        | ug/L  |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> |    | <u>Qual</u> |       |
| Decachlorobiphenyl | 114            | 68-140                |    |             |       |

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



**Analytical Report**



Cardno ERI  
 601 North McDowell Blvd.  
 Petaluma, CA 94954-2312

Date Received: 04/27/12  
 Work Order No: 12-04-1679  
 Preparation: EPA 3510C  
 Method: EPA 8015B (M)

Project: ExxonMobil 73006/022010C

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-6-MW18A            | 12-04-1679-10-G   | 04/25/12 09:55      | Aqueous | GC 48      | 04/30/12      | 05/01/12 05:28     | 120430B06   |

| Parameter          | Result         | RL                    | DF | Qual        | Units |
|--------------------|----------------|-----------------------|----|-------------|-------|
| TPH as Diesel      | ND             | 50                    | 1  | SG,U        | ug/L  |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> |    | <u>Qual</u> |       |
| Decachlorobiphenyl | 114            | 68-140                |    |             |       |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-10-MW18B           | 12-04-1679-11-G   | 04/25/12 09:30      | Aqueous | GC 48      | 04/30/12      | 05/01/12 05:43     | 120430B06   |

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

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-6-MW19A            | 12-04-1679-12-G   | 04/25/12 12:00      | Aqueous | GC 48      | 04/30/12      | 05/01/12 05:58     | 120430B06   |

| Parameter          | Result         | RL                    | DF | Qual        | Units |
|--------------------|----------------|-----------------------|----|-------------|-------|
| TPH as Diesel      | 420            | 50                    | 1  | SG,HD       | ug/L  |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> |    | <u>Qual</u> |       |
| Decachlorobiphenyl | 107            | 68-140                |    |             |       |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-6-MW19B            | 12-04-1679-13-G   | 04/25/12 11:30      | Aqueous | GC 48      | 04/30/12      | 05/01/12 06:13     | 120430B06   |

| Parameter          | Result         | RL                    | DF | Qual        | Units |
|--------------------|----------------|-----------------------|----|-------------|-------|
| TPH as Diesel      | ND             | 50                    | 1  | SG,U        | ug/L  |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> |    | <u>Qual</u> |       |
| Decachlorobiphenyl | 114            | 68-140                |    |             |       |

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

**Analytical Report**



Cardno ERI  
 601 North McDowell Blvd.  
 Petaluma, CA 94954-2312

Date Received: 04/27/12  
 Work Order No: 12-04-1679  
 Preparation: EPA 3510C  
 Method: EPA 8015B (M)

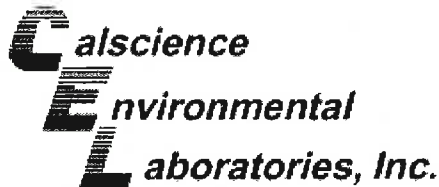
Project: ExxonMobil 73006/022010C

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| Method Blank         | 099-12-330-2,214  | N/A                 | Aqueous | GC 48      | 04/30/12      | 05/01/12 01:29     | 120430B06   |

| <u>Parameter</u>   | <u>Result</u>  | <u>RL</u>             | <u>DF</u> | <u>Qual</u> | <u>Units</u> |
|--------------------|----------------|-----------------------|-----------|-------------|--------------|
| TPH as Diesel      | ND             | 50                    | 1         | U           | ug/L         |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> |           | <u>Qual</u> |              |
| Decachlorobiphenyl | 114            | 68-140                |           |             |              |

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



Analytical Report



Cardno ERI  
601 North McDowell Blvd.  
Petaluma, CA 94954-2312

Date Received: 04/27/12  
Work Order No: 12-04-1679  
Preparation: EPA 3550B  
Method: EPA 8015B (M)  
Units: mg/kg

Project: ExxonMobil 73006/022010C

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|--------|------------|---------------|--------------------|-------------|
| W-12-MW3-OIL         | 12-04-1679-14-A   | 04/25/12 14:15      | Other  | GC 46      | 04/30/12      | 04/30/12 21:20     | 120430B01   |

| Parameter          | Result  | RL             | DF   | Qual | Parameter    | Result  | RL    | DF   | Qual |
|--------------------|---------|----------------|------|------|--------------|---------|-------|------|------|
| C6                 | 21000   | 10000          | 2000 |      | C21-C22      | 39000   | 10000 | 2000 |      |
| C7                 | 68000   | 10000          | 2000 |      | C23-C24      | 25000   | 10000 | 2000 |      |
| C8                 | 56000   | 10000          | 2000 |      | C25-C28      | 12000   | 10000 | 2000 |      |
| C9-C10             | 130000  | 10000          | 2000 |      | C29-C32      | ND      | 10000 | 2000 | U    |
| C11-C12            | 190000  | 10000          | 2000 |      | C33-C36      | ND      | 10000 | 2000 | U    |
| C13-C14            | 210000  | 10000          | 2000 |      | C37-C40      | ND      | 10000 | 2000 | U    |
| C15-C16            | 130000  | 10000          | 2000 |      | C41-C44      | ND      | 10000 | 2000 | U    |
| C17-C18            | 160000  | 10000          | 2000 |      | C6-C44 Total | 1100000 | 10000 | 2000 | SG   |
| C19-C20            | 76000   | 10000          | 2000 |      |              |         |       |      |      |
| Surrogates:        | REC (%) | Control Limits | Qual |      |              |         |       |      |      |
| Decachlorobiphenyl | 88      | 61-145         |      |      |              |         |       |      |      |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|--------|------------|---------------|--------------------|-------------|
| Method Blank         | 099-14-085-618    | N/A                 | Solid  | GC 46      | 04/30/12      | 04/30/12 15:43     | 120430B01   |

| Parameter          | Result  | RL             | DF   | Qual | Parameter    | Result | RL  | DF | Qual |
|--------------------|---------|----------------|------|------|--------------|--------|-----|----|------|
| C6                 | ND      | 5.0            | 1    | U    | C21-C22      | ND     | 5.0 | 1  | U    |
| C7                 | ND      | 5.0            | 1    | U    | C23-C24      | ND     | 5.0 | 1  | U    |
| C8                 | ND      | 5.0            | 1    | U    | C25-C28      | ND     | 5.0 | 1  | U    |
| C9-C10             | ND      | 5.0            | 1    | U    | C29-C32      | ND     | 5.0 | 1  | U    |
| C11-C12            | ND      | 5.0            | 1    | U    | C33-C36      | ND     | 5.0 | 1  | U    |
| C13-C14            | ND      | 5.0            | 1    | U    | C37-C40      | ND     | 5.0 | 1  | U    |
| C15-C16            | ND      | 5.0            | 1    | U    | C41-C44      | ND     | 5.0 | 1  | U    |
| C17-C18            | ND      | 5.0            | 1    | U    | C6-C44 Total | ND     | 5.0 | 1  | U    |
| C19-C20            | ND      | 5.0            | 1    | U    |              |        |     |    |      |
| Surrogates:        | REC (%) | Control Limits | Qual |      |              |        |     |    |      |
| Decachlorobiphenyl | 91      | 61-145         |      |      |              |        |     |    |      |

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

**Analytical Report**



Cardno ERI  
 601 North McDowell Blvd.  
 Petaluma, CA 94954-2312

Date Received: 04/27/12  
 Work Order No: 12-04-1679  
 Preparation: EPA 5030C  
 Method: EPA 8015B (M)

Project: ExxonMobil 73006/022010C

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-7-MW2              | 12-04-1679-2-E    | 04/25/12 11:55      | Aqueous | GC 25      | 04/28/12      | 04/28/12 12:50     | 120428B01   |

| Parameter       | Result | RL | DF | Qual | Units |
|-----------------|--------|----|----|------|-------|
| TPH as Gasoline | 140    | 50 | 1  |      | ug/L  |

| Surrogates:            | REC (%) | Control Limits | Qual |
|------------------------|---------|----------------|------|
| 1,4-Bromofluorobenzene | 68      | 38-134         |      |

|          |                |                |         |       |          |                |           |
|----------|----------------|----------------|---------|-------|----------|----------------|-----------|
| W-12-MW3 | 12-04-1679-3-D | 04/25/12 14:15 | Aqueous | GC 25 | 04/28/12 | 04/28/12 15:39 | 120428B01 |
|----------|----------------|----------------|---------|-------|----------|----------------|-----------|

| Parameter       | Result  | RL     | DF   | Qual | Units |
|-----------------|---------|--------|------|------|-------|
| TPH as Gasoline | 3200000 | 250000 | 5000 | HD   | ug/L  |

| Surrogates:            | REC (%) | Control Limits | Qual |
|------------------------|---------|----------------|------|
| 1,4-Bromofluorobenzene | 66      | 38-134         |      |

|          |                |                |         |       |          |                |           |
|----------|----------------|----------------|---------|-------|----------|----------------|-----------|
| W-11-MW6 | 12-04-1679-4-E | 04/25/12 11:00 | Aqueous | GC 25 | 04/28/12 | 04/28/12 16:39 | 120428B01 |
|----------|----------------|----------------|---------|-------|----------|----------------|-----------|

| Parameter       | Result | RL | DF | Qual | Units |
|-----------------|--------|----|----|------|-------|
| TPH as Gasoline | 200    | 50 | 1  |      | ug/L  |

| Surrogates:            | REC (%) | Control Limits | Qual |
|------------------------|---------|----------------|------|
| 1,4-Bromofluorobenzene | 70      | 38-134         |      |

|          |                |                |         |       |          |                |           |
|----------|----------------|----------------|---------|-------|----------|----------------|-----------|
| W-7-MW14 | 12-04-1679-5-E | 04/25/12 12:50 | Aqueous | GC 25 | 04/28/12 | 04/28/12 17:13 | 120428B01 |
|----------|----------------|----------------|---------|-------|----------|----------------|-----------|

| Parameter       | Result | RL | DF | Qual | Units |
|-----------------|--------|----|----|------|-------|
| TPH as Gasoline | 1600   | 50 | 1  | HD   | ug/L  |

| Surrogates:            | REC (%) | Control Limits | Qual |
|------------------------|---------|----------------|------|
| 1,4-Bromofluorobenzene | 96      | 38-134         |      |

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

**Analytical Report**



Cardno ERI  
 601 North McDowell Blvd.  
 Petaluma, CA 94954-2312

Date Received: 04/27/12  
 Work Order No: 12-04-1679  
 Preparation: EPA 5030C  
 Method: EPA 8015B (M)

Project: ExxonMobil 73006/022010C

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| Client Sample Number | Lab Sample Number     | Date/Time Collected       | Matrix         | Instrument   | Date Prepared   | Date/Time Analyzed        | QC Batch ID      |
|----------------------|-----------------------|---------------------------|----------------|--------------|-----------------|---------------------------|------------------|
| <b>W-5-MW16A</b>     | <b>12-04-1679-6-E</b> | <b>04/25/12<br/>12:45</b> | <b>Aqueous</b> | <b>GC 25</b> | <b>04/28/12</b> | <b>04/28/12<br/>17:47</b> | <b>120428B01</b> |

| <u>Parameter</u>       | <u>Result</u>  | <u>RL</u>             | <u>DF</u> | <u>Qual</u> | <u>Units</u> |
|------------------------|----------------|-----------------------|-----------|-------------|--------------|
| TPH as Gasoline        | 1800           | 50                    | 1         | HD          | ug/L         |
| <u>Surrogates:</u>     | <u>REC (%)</u> | <u>Control Limits</u> |           | <u>Qual</u> |              |
| 1,4-Bromofluorobenzene | 93             | 38-134                |           |             |              |

|                  |                       |                           |                |              |                 |                           |                  |
|------------------|-----------------------|---------------------------|----------------|--------------|-----------------|---------------------------|------------------|
| <b>W-9-MW16B</b> | <b>12-04-1679-7-E</b> | <b>04/25/12<br/>12:30</b> | <b>Aqueous</b> | <b>GC 25</b> | <b>04/28/12</b> | <b>04/28/12<br/>18:21</b> | <b>120428B01</b> |
|------------------|-----------------------|---------------------------|----------------|--------------|-----------------|---------------------------|------------------|

| <u>Parameter</u>       | <u>Result</u>  | <u>RL</u>             | <u>DF</u> | <u>Qual</u> | <u>Units</u> |
|------------------------|----------------|-----------------------|-----------|-------------|--------------|
| TPH as Gasoline        | 86             | 50                    | 1         | HD          | ug/L         |
| <u>Surrogates:</u>     | <u>REC (%)</u> | <u>Control Limits</u> |           | <u>Qual</u> |              |
| 1,4-Bromofluorobenzene | 69             | 38-134                |           |             |              |

|                  |                       |                           |                |              |                 |                           |                  |
|------------------|-----------------------|---------------------------|----------------|--------------|-----------------|---------------------------|------------------|
| <b>W-6-MW17A</b> | <b>12-04-1679-8-E</b> | <b>04/25/12<br/>10:45</b> | <b>Aqueous</b> | <b>GC 25</b> | <b>04/28/12</b> | <b>04/28/12<br/>19:28</b> | <b>120428B01</b> |
|------------------|-----------------------|---------------------------|----------------|--------------|-----------------|---------------------------|------------------|

| <u>Parameter</u>       | <u>Result</u>  | <u>RL</u>             | <u>DF</u> | <u>Qual</u> | <u>Units</u> |
|------------------------|----------------|-----------------------|-----------|-------------|--------------|
| TPH as Gasoline        | 990            | 50                    | 1         | HD          | ug/L         |
| <u>Surrogates:</u>     | <u>REC (%)</u> | <u>Control Limits</u> |           | <u>Qual</u> |              |
| 1,4-Bromofluorobenzene | 82             | 38-134                |           |             |              |

|                   |                       |                           |                |              |                 |                           |                  |
|-------------------|-----------------------|---------------------------|----------------|--------------|-----------------|---------------------------|------------------|
| <b>W-10-MW17B</b> | <b>12-04-1679-9-E</b> | <b>04/25/12<br/>11:00</b> | <b>Aqueous</b> | <b>GC 25</b> | <b>04/28/12</b> | <b>04/28/12<br/>20:02</b> | <b>120428B01</b> |
|-------------------|-----------------------|---------------------------|----------------|--------------|-----------------|---------------------------|------------------|

| <u>Parameter</u>       | <u>Result</u>  | <u>RL</u>             | <u>DF</u> | <u>Qual</u> | <u>Units</u> |
|------------------------|----------------|-----------------------|-----------|-------------|--------------|
| TPH as Gasoline        | 190            | 50                    | 1         | HD          | ug/L         |
| <u>Surrogates:</u>     | <u>REC (%)</u> | <u>Control Limits</u> |           | <u>Qual</u> |              |
| 1,4-Bromofluorobenzene | 67             | 38-134                |           |             |              |

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

**Analytical Report**



Cardno ERI  
601 North McDowell Blvd.  
Petaluma, CA 94954-2312

Date Received: 04/27/12  
Work Order No: 12-04-1679  
Preparation: EPA 5030C  
Method: EPA 8015B (M)

Project: ExxonMobil 73006/022010C

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| Client Sample Number | Lab Sample Number      | Date/Time Collected   | Matrix         | Instrument   | Date Prepared   | Date/Time Analyzed    | QC Batch ID      |
|----------------------|------------------------|-----------------------|----------------|--------------|-----------------|-----------------------|------------------|
| <b>W-6-MW18A</b>     | <b>12-04-1679-10-E</b> | <b>04/25/12 09:55</b> | <b>Aqueous</b> | <b>GC 25</b> | <b>04/28/12</b> | <b>04/28/12 20:36</b> | <b>120428B01</b> |

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

| <u>Surrogates:</u>     | <u>REC (%)</u> | <u>Control Limits</u> | <u>Qual</u> |
|------------------------|----------------|-----------------------|-------------|
| 1,4-Bromofluorobenzene | 65             | 38-134                |             |

|                   |                        |                       |                |              |                 |                       |                  |
|-------------------|------------------------|-----------------------|----------------|--------------|-----------------|-----------------------|------------------|
| <b>W-10-MW18B</b> | <b>12-04-1679-11-E</b> | <b>04/25/12 09:30</b> | <b>Aqueous</b> | <b>GC 25</b> | <b>04/28/12</b> | <b>04/28/12 21:10</b> | <b>120428B01</b> |
|-------------------|------------------------|-----------------------|----------------|--------------|-----------------|-----------------------|------------------|

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

| <u>Surrogates:</u>     | <u>REC (%)</u> | <u>Control Limits</u> | <u>Qual</u> |
|------------------------|----------------|-----------------------|-------------|
| 1,4-Bromofluorobenzene | 68             | 38-134                |             |

|                  |                        |                       |                |              |                 |                       |                  |
|------------------|------------------------|-----------------------|----------------|--------------|-----------------|-----------------------|------------------|
| <b>W-6-MW19A</b> | <b>12-04-1679-12-E</b> | <b>04/25/12 12:00</b> | <b>Aqueous</b> | <b>GC 25</b> | <b>04/28/12</b> | <b>04/28/12 21:43</b> | <b>120428B01</b> |
|------------------|------------------------|-----------------------|----------------|--------------|-----------------|-----------------------|------------------|

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>DF</u> | <u>Qual</u> | <u>Units</u> |
|------------------|---------------|-----------|-----------|-------------|--------------|
| TPH as Gasoline  | 2000          | 50        | 1         | HD          | ug/L         |

| <u>Surrogates:</u>     | <u>REC (%)</u> | <u>Control Limits</u> | <u>Qual</u> |
|------------------------|----------------|-----------------------|-------------|
| 1,4-Bromofluorobenzene | 86             | 38-134                |             |

|                  |                        |                       |                |              |                 |                       |                  |
|------------------|------------------------|-----------------------|----------------|--------------|-----------------|-----------------------|------------------|
| <b>W-6-MW19B</b> | <b>12-04-1679-13-E</b> | <b>04/25/12 11:30</b> | <b>Aqueous</b> | <b>GC 25</b> | <b>04/28/12</b> | <b>04/28/12 22:17</b> | <b>120428B01</b> |
|------------------|------------------------|-----------------------|----------------|--------------|-----------------|-----------------------|------------------|

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

| <u>Surrogates:</u>     | <u>REC (%)</u> | <u>Control Limits</u> | <u>Qual</u> |
|------------------------|----------------|-----------------------|-------------|
| 1,4-Bromofluorobenzene | 65             | 38-134                |             |

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

**Analytical Report**



Cardno ERI  
 601 North McDowell Blvd.  
 Petaluma, CA 94954-2312

Date Received: 04/27/12  
 Work Order No: 12-04-1679  
 Preparation: EPA 5030C  
 Method: EPA 8015B (M)

Project: ExxonMobil 73006/022010C

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| Method Blank         | 099-12-436-7,380  | N/A                 | Aqueous | GC 25      | 04/28/12      | 04/28/12 10:01     | 120428B01   |

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

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

## Analytical Report



Cardno ERI  
 601 North McDowell Blvd.  
 Petaluma, CA 94954-2312

Date Received: 04/27/12  
 Work Order No: 12-04-1679  
 Preparation: EPA 5030C  
 Method: EPA 8021B  
 Units: ug/L

Project: ExxonMobil 73006/022010C

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-7-MW2              | 12-04-1679-2-F    | 04/25/12<br>11:55   | Aqueous | GC 8       | 05/03/12      | 05/03/12<br>20:51  | 120503B01   |

| Parameter              | Result         | RL                    | DF | Qual        | Parameter       | Result | RL   | DF | Qual |
|------------------------|----------------|-----------------------|----|-------------|-----------------|--------|------|----|------|
| Benzene                | ND             | 0.50                  | 1  | U           | Ethylbenzene    | ND     | 0.50 | 1  | U    |
| Toluene                | ND             | 0.50                  | 1  | U           | Xylenes (total) | ND     | 1.0  | 1  | U    |
| <u>Surrogates:</u>     | <u>REC (%)</u> | <u>Control Limits</u> |    | <u>Qual</u> |                 |        |      |    |      |
| 1,4-Bromofluorobenzene | 96             | 70-130                |    |             |                 |        |      |    |      |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-12-MW3             | 12-04-1679-3-D    | 04/25/12<br>14:15   | Aqueous | GC 8       | 05/04/12      | 05/04/12<br>20:43  | 120504B01   |

| Parameter              | Result         | RL                    | DF | Qual        | Parameter       | Result | RL   | DF | Qual |
|------------------------|----------------|-----------------------|----|-------------|-----------------|--------|------|----|------|
| Benzene                | ND             | 0.50                  | 1  | U           | Ethylbenzene    | ND     | 0.50 | 1  | U    |
| Toluene                | ND             | 0.50                  | 1  | U           | Xylenes (total) | ND     | 1.0  | 1  | U    |
| <u>Surrogates:</u>     | <u>REC (%)</u> | <u>Control Limits</u> |    | <u>Qual</u> |                 |        |      |    |      |
| 1,4-Bromofluorobenzene | 109            | 70-130                |    |             |                 |        |      |    |      |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-11-MW6             | 12-04-1679-4-F    | 04/25/12<br>11:00   | Aqueous | GC 8       | 05/03/12      | 05/03/12<br>17:19  | 120503B01   |

| Parameter              | Result         | RL                    | DF | Qual        | Parameter       | Result | RL   | DF | Qual |
|------------------------|----------------|-----------------------|----|-------------|-----------------|--------|------|----|------|
| Benzene                | 9.4            | 0.50                  | 1  | U           | Ethylbenzene    | ND     | 0.50 | 1  | U    |
| Toluene                | ND             | 0.50                  | 1  | U           | Xylenes (total) | 4.9    | 1.0  | 1  | U    |
| <u>Surrogates:</u>     | <u>REC (%)</u> | <u>Control Limits</u> |    | <u>Qual</u> |                 |        |      |    |      |
| 1,4-Bromofluorobenzene | 99             | 70-130                |    |             |                 |        |      |    |      |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-7-MW14             | 12-04-1679-5-F    | 04/25/12<br>12:50   | Aqueous | GC 8       | 05/03/12      | 05/03/12<br>21:26  | 120503B01   |

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

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-5-MW16A            | 12-04-1679-6-D    | 04/25/12<br>12:45   | Aqueous | GC 8       | 05/04/12      | 05/04/12<br>19:32  | 120504B01   |

| Parameter              | Result         | RL                    | DF | Qual        | Parameter       | Result | RL   | DF | Qual |
|------------------------|----------------|-----------------------|----|-------------|-----------------|--------|------|----|------|
| Benzene                | 19             | 0.50                  | 1  | U           | Ethylbenzene    | ND     | 0.50 | 1  | U    |
| Toluene                | ND             | 0.50                  | 1  | U           | Xylenes (total) | ND     | 1.0  | 1  | U    |
| <u>Surrogates:</u>     | <u>REC (%)</u> | <u>Control Limits</u> |    | <u>Qual</u> |                 |        |      |    |      |
| 1,4-Bromofluorobenzene | 101            | 70-130                |    |             |                 |        |      |    |      |

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



## Analytical Report



Cardno ERI  
601 North McDowell Blvd.  
Petaluma, CA 94954-2312

Date Received: 04/27/12  
Work Order No: 12-04-1679  
Preparation: EPA 5030C  
Method: EPA 8021B  
Units: ug/L

Project: ExxonMobil 73006/022010C

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-9-MW16B            | 12-04-1679-7-F    | 04/25/12<br>12:30   | Aqueous | GC 8       | 05/03/12      | 05/03/12<br>17:54  | 120503B01   |

| Parameter              | Result  | RL             | DF   | Qual | Parameter       | Result | RL   | DF | Qual |
|------------------------|---------|----------------|------|------|-----------------|--------|------|----|------|
| Benzene                | ND      | 0.50           | 1    | U    | Ethylbenzene    | ND     | 0.50 | 1  | U    |
| Toluene                | ND      | 0.50           | 1    | U    | Xylenes (total) | ND     | 1.0  | 1  | U    |
| Surrogates:            | REC (%) | Control Limits | Qual |      |                 |        |      |    |      |
| 1,4-Bromofluorobenzene | 95      | 70-130         |      |      |                 |        |      |    |      |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-6-MW17A            | 12-04-1679-8-F    | 04/25/12<br>10:45   | Aqueous | GC 8       | 05/03/12      | 05/03/12<br>22:01  | 120503B01   |

| Parameter              | Result  | RL             | DF   | Qual | Parameter       | Result | RL   | DF | Qual |
|------------------------|---------|----------------|------|------|-----------------|--------|------|----|------|
| Benzene                | 3.2     | 0.50           | 1    | U    | Ethylbenzene    | 2.0    | 0.50 | 1  | U    |
| Toluene                | ND      | 0.50           | 1    | U    | Xylenes (total) | ND     | 1.0  | 1  | U    |
| Surrogates:            | REC (%) | Control Limits | Qual |      |                 |        |      |    |      |
| 1,4-Bromofluorobenzene | 97      | 70-130         |      |      |                 |        |      |    |      |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-10-MW17B           | 12-04-1679-9-F    | 04/25/12<br>11:00   | Aqueous | GC 8       | 05/03/12      | 05/03/12<br>18:29  | 120503B01   |

| Parameter              | Result  | RL             | DF   | Qual | Parameter       | Result | RL   | DF | Qual |
|------------------------|---------|----------------|------|------|-----------------|--------|------|----|------|
| Benzene                | ND      | 0.50           | 1    | U    | Ethylbenzene    | ND     | 0.50 | 1  | U    |
| Toluene                | ND      | 0.50           | 1    | U    | Xylenes (total) | ND     | 1.0  | 1  | U    |
| Surrogates:            | REC (%) | Control Limits | Qual |      |                 |        |      |    |      |
| 1,4-Bromofluorobenzene | 95      | 70-130         |      |      |                 |        |      |    |      |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-6-MW18A            | 12-04-1679-10-F   | 04/25/12<br>09:55   | Aqueous | GC 8       | 05/03/12      | 05/03/12<br>19:05  | 120503B01   |

| Parameter              | Result  | RL             | DF   | Qual | Parameter       | Result | RL   | DF | Qual |
|------------------------|---------|----------------|------|------|-----------------|--------|------|----|------|
| Benzene                | ND      | 0.50           | 1    | U    | Ethylbenzene    | ND     | 0.50 | 1  | U    |
| Toluene                | ND      | 0.50           | 1    | U    | Xylenes (total) | ND     | 1.0  | 1  | U    |
| Surrogates:            | REC (%) | Control Limits | Qual |      |                 |        |      |    |      |
| 1,4-Bromofluorobenzene | 95      | 70-130         |      |      |                 |        |      |    |      |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-10-MW18B           | 12-04-1679-11-F   | 04/25/12<br>09:30   | Aqueous | GC 8       | 05/03/12      | 05/03/12<br>15:33  | 120503B01   |

| Parameter              | Result  | RL             | DF   | Qual | Parameter       | Result | RL   | DF | Qual |
|------------------------|---------|----------------|------|------|-----------------|--------|------|----|------|
| Benzene                | ND      | 0.50           | 1    | U    | Ethylbenzene    | ND     | 0.50 | 1  | U    |
| Toluene                | ND      | 0.50           | 1    | U    | Xylenes (total) | 3.8    | 1.0  | 1  | U    |
| Surrogates:            | REC (%) | Control Limits | Qual |      |                 |        |      |    |      |
| 1,4-Bromofluorobenzene | 98      | 70-130         |      |      |                 |        |      |    |      |

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

## Analytical Report



Cardno ERI  
601 North McDowell Blvd.  
Petaluma, CA 94954-2312

Date Received: 04/27/12  
Work Order No: 12-04-1679  
Preparation: EPA 5030C  
Method: EPA 8021B  
Units: ug/L

Project: ExxonMobil 73006/022010C

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-6-MW19A            | 12-04-1679-12-D   | 04/25/12<br>12:00   | Aqueous | GC 8       | 05/04/12      | 05/04/12<br>20:08  | 120504B01   |

| Parameter              | Result         | RL                    | DF | Qual        | Parameter       | Result | RL   | DF | Qual |
|------------------------|----------------|-----------------------|----|-------------|-----------------|--------|------|----|------|
| Benzene                | ND             | 0.50                  | 1  | U           | Ethylbenzene    | ND     | 0.50 | 1  | U    |
| Toluene                | ND             | 0.50                  | 1  | U           | Xylenes (total) | ND     | 1.0  | 1  | U    |
| <u>Surrogates:</u>     | <u>REC (%)</u> | <u>Control Limits</u> |    | <u>Qual</u> |                 |        |      |    |      |
| 1,4-Bromofluorobenzene | 107            | 70-130                |    |             |                 |        |      |    |      |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-6-MW19B            | 12-04-1679-13-F   | 04/25/12<br>11:30   | Aqueous | GC 8       | 05/03/12      | 05/03/12<br>19:40  | 120503B01   |

| Parameter              | Result         | RL                    | DF | Qual        | Parameter       | Result | RL   | DF | Qual |
|------------------------|----------------|-----------------------|----|-------------|-----------------|--------|------|----|------|
| Benzene                | ND             | 0.50                  | 1  | U           | Ethylbenzene    | ND     | 0.50 | 1  | U    |
| Toluene                | ND             | 0.50                  | 1  | U           | Xylenes (total) | ND     | 1.0  | 1  | U    |
| <u>Surrogates:</u>     | <u>REC (%)</u> | <u>Control Limits</u> |    | <u>Qual</u> |                 |        |      |    |      |
| 1,4-Bromofluorobenzene | 95             | 70-130                |    |             |                 |        |      |    |      |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| Method Blank         | 099-12-667-1,451  | N/A                 | Aqueous | GC 8       | 05/03/12      | 05/03/12<br>12:05  | 120503B01   |

| Parameter              | Result         | RL                    | DF | Qual        | Parameter       | Result | RL   | DF | Qual |
|------------------------|----------------|-----------------------|----|-------------|-----------------|--------|------|----|------|
| Benzene                | ND             | 0.50                  | 1  | U           | Ethylbenzene    | ND     | 0.50 | 1  | U    |
| Toluene                | ND             | 0.50                  | 1  | U           | Xylenes (total) | ND     | 1.0  | 1  | U    |
| <u>Surrogates:</u>     | <u>REC (%)</u> | <u>Control Limits</u> |    | <u>Qual</u> |                 |        |      |    |      |
| 1,4-Bromofluorobenzene | 99             | 70-130                |    |             |                 |        |      |    |      |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| Method Blank         | 099-12-667-1,453  | N/A                 | Aqueous | GC 8       | 05/04/12      | 05/04/12<br>11:54  | 120504B01   |

| Parameter              | Result         | RL                    | DF | Qual        | Parameter       | Result | RL   | DF | Qual |
|------------------------|----------------|-----------------------|----|-------------|-----------------|--------|------|----|------|
| Benzene                | ND             | 0.50                  | 1  | U           | Ethylbenzene    | ND     | 0.50 | 1  | U    |
| Toluene                | ND             | 0.50                  | 1  | U           | Xylenes (total) | ND     | 1.0  | 1  | U    |
| <u>Surrogates:</u>     | <u>REC (%)</u> | <u>Control Limits</u> |    | <u>Qual</u> |                 |        |      |    |      |
| 1,4-Bromofluorobenzene | 98             | 70-130                |    |             |                 |        |      |    |      |

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

## Analytical Report



Cardno ERI  
601 North McDowell Blvd.  
Petaluma, CA 94954-2312

Date Received: 04/27/12  
Work Order No: 12-04-1679  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/L

Project: ExxonMobil 73006/022010C

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-7-MW2              | 12-04-1679-2-A    | 04/25/12<br>11:55   | Aqueous | GC/MS T    | 05/01/12      | 05/01/12<br>18:22  | 120501L01   |

| Parameter                   | Result         | RL                    | DF          | Qual | Parameter                     | Result         | RL                    | DF          | Qual |
|-----------------------------|----------------|-----------------------|-------------|------|-------------------------------|----------------|-----------------------|-------------|------|
| Methyl-t-Butyl Ether (MTBE) | ND             | 0.50                  | 1           | U    | Tert-Amyl-Methyl Ether (TAME) | ND             | 0.50                  | 1           | U    |
| Tert-Butyl Alcohol (TBA)    | ND             | 5.0                   | 1           | U    | Ethanol                       | ND             | 50                    | 1           | U    |
| Diisopropyl Ether (DIPE)    | ND             | 0.50                  | 1           | U    | 1,2-Dibromoethane             | ND             | 0.50                  | 1           | U    |
| Ethyl-t-Butyl Ether (ETBE)  | ND             | 0.50                  | 1           | U    | 1,2-Dichloroethane            | ND             | 0.50                  | 1           | U    |
| <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> |      |
| 1,4-Bromofluorobenzene      | 93             | 68-120                |             |      | Dibromofluoromethane          | 94             | 80-127                |             |      |
| 1,2-Dichloroethane-d4       | 100            | 80-128                |             |      | Toluene-d8                    | 104            | 80-120                |             |      |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-12-MW3             | 12-04-1679-3-B    | 04/25/12<br>14:15   | Aqueous | GC/MS T    | 05/01/12      | 05/01/12<br>23:04  | 120501L01   |

| Parameter                   | Result         | RL                    | DF          | Qual | Parameter                     | Result         | RL                    | DF          | Qual |
|-----------------------------|----------------|-----------------------|-------------|------|-------------------------------|----------------|-----------------------|-------------|------|
| Methyl-t-Butyl Ether (MTBE) | 4.5            | 0.50                  | 1           | QO   | Tert-Amyl-Methyl Ether (TAME) | ND             | 0.50                  | 1           | U    |
| Tert-Butyl Alcohol (TBA)    | 12             | 5.0                   | 1           |      | Ethanol                       | ND             | 50                    | 1           | U    |
| Diisopropyl Ether (DIPE)    | ND             | 0.50                  | 1           | U    | 1,2-Dibromoethane             | ND             | 0.50                  | 1           | U    |
| Ethyl-t-Butyl Ether (ETBE)  | ND             | 0.50                  | 1           | U    | 1,2-Dichloroethane            | ND             | 0.50                  | 1           | U    |
| <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> |      |
| 1,4-Bromofluorobenzene      | 125            | 68-120                |             | AZ   | Dibromofluoromethane          | 101            | 80-127                |             |      |
| 1,2-Dichloroethane-d4       | 99             | 80-128                |             |      | Toluene-d8                    | 120            | 80-120                |             |      |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-11-MW6             | 12-04-1679-4-A    | 04/25/12<br>11:00   | Aqueous | GC/MS T    | 05/01/12      | 05/02/12<br>03:17  | 120501L02   |

| Parameter                   | Result         | RL                    | DF          | Qual | Parameter                     | Result         | RL                    | DF          | Qual |
|-----------------------------|----------------|-----------------------|-------------|------|-------------------------------|----------------|-----------------------|-------------|------|
| Methyl-t-Butyl Ether (MTBE) | ND             | 0.50                  | 1           | U    | Tert-Amyl-Methyl Ether (TAME) | ND             | 0.50                  | 1           | U    |
| Tert-Butyl Alcohol (TBA)    | 17             | 5.0                   | 1           | QO   | Ethanol                       | ND             | 50                    | 1           | U    |
| Diisopropyl Ether (DIPE)    | ND             | 0.50                  | 1           | U    | 1,2-Dibromoethane             | ND             | 0.50                  | 1           | U    |
| Ethyl-t-Butyl Ether (ETBE)  | ND             | 0.50                  | 1           | U    | 1,2-Dichloroethane            | ND             | 0.50                  | 1           | U    |
| <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> |      |
| 1,4-Bromofluorobenzene      | 103            | 68-120                |             |      | Dibromofluoromethane          | 96             | 80-127                |             |      |
| 1,2-Dichloroethane-d4       | 96             | 80-128                |             |      | Toluene-d8                    | 98             | 80-120                |             |      |

RL - Reporting Limit    DF - Dilution Factor    Qual - Qualifiers

## Analytical Report



Cardno ERI  
601 North McDowell Blvd.  
Petaluma, CA 94954-2312

Date Received: 04/27/12  
Work Order No: 12-04-1679  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/L

Project: ExxonMobil 73006/022010C

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-7-MW14             | 12-04-1679-5-A    | 04/25/12<br>12:50   | Aqueous | GC/MS T    | 05/01/12      | 05/02/12<br>03:45  | 120501L02   |

| Parameter                   | Result         | RL                    | DF          | Qual | Parameter                     | Result         | RL                    | DF          | Qual |
|-----------------------------|----------------|-----------------------|-------------|------|-------------------------------|----------------|-----------------------|-------------|------|
| Methyl-t-Butyl Ether (MTBE) | ND             | 0.50                  | 1           | U    | Tert-Amyl-Methyl Ether (TAME) | ND             | 0.50                  | 1           | U    |
| Tert-Butyl Alcohol (TBA)    | ND             | 5.0                   | 1           | U    | Ethanol                       | ND             | 50                    | 1           | U    |
| Diisopropyl Ether (DIPE)    | ND             | 0.50                  | 1           | U    | 1,2-Dibromoethane             | ND             | 0.50                  | 1           | U    |
| Ethyl-t-Butyl Ether (ETBE)  | ND             | 0.50                  | 1           | U    | 1,2-Dichloroethane            | ND             | 0.50                  | 1           | U    |
| <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> |      |
| 1,4-Bromofluorobenzene      | 108            | 68-120                |             |      | Dibromofluoromethane          | 99             | 80-127                |             |      |
| 1,2-Dichloroethane-d4       | 93             | 80-128                |             |      | Toluene-d8                    | 99             | 80-120                |             |      |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-5-MW16A            | 12-04-1679-6-B    | 04/25/12<br>12:45   | Aqueous | GC/MS T    | 05/01/12      | 05/02/12<br>04:13  | 120501L02   |

| Parameter                   | Result         | RL                    | DF          | Qual | Parameter                     | Result         | RL                    | DF          | Qual |
|-----------------------------|----------------|-----------------------|-------------|------|-------------------------------|----------------|-----------------------|-------------|------|
| Methyl-t-Butyl Ether (MTBE) | ND             | 0.50                  | 1           | U    | Tert-Amyl-Methyl Ether (TAME) | ND             | 0.50                  | 1           | U    |
| Tert-Butyl Alcohol (TBA)    | 22             | 5.0                   | 1           | QO   | Ethanol                       | ND             | 50                    | 1           | U    |
| Diisopropyl Ether (DIPE)    | ND             | 0.50                  | 1           | U    | 1,2-Dibromoethane             | ND             | 0.50                  | 1           | U    |
| Ethyl-t-Butyl Ether (ETBE)  | ND             | 0.50                  | 1           | U    | 1,2-Dichloroethane            | ND             | 0.50                  | 1           | U    |
| <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> |      |
| 1,4-Bromofluorobenzene      | 99             | 68-120                |             |      | Dibromofluoromethane          | 100            | 80-127                |             |      |
| 1,2-Dichloroethane-d4       | 98             | 80-128                |             |      | Toluene-d8                    | 101            | 80-120                |             |      |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-9-MW16B            | 12-04-1679-7-A    | 04/25/12<br>12:30   | Aqueous | GC/MS T    | 04/28/12      | 04/29/12<br>08:45  | 120428L02   |

| Parameter                   | Result         | RL                    | DF          | Qual | Parameter                     | Result         | RL                    | DF          | Qual |
|-----------------------------|----------------|-----------------------|-------------|------|-------------------------------|----------------|-----------------------|-------------|------|
| Methyl-t-Butyl Ether (MTBE) | 110            | 2.0                   | 4           |      | Tert-Amyl-Methyl Ether (TAME) | ND             | 2.0                   | 4           | U    |
| Tert-Butyl Alcohol (TBA)    | 24             | 20                    | 4           |      | Ethanol                       | ND             | 200                   | 4           | U    |
| Diisopropyl Ether (DIPE)    | ND             | 2.0                   | 4           | U    | 1,2-Dibromoethane             | ND             | 2.0                   | 4           | U    |
| Ethyl-t-Butyl Ether (ETBE)  | ND             | 2.0                   | 4           | U    | 1,2-Dichloroethane            | ND             | 2.0                   | 4           | U    |
| <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> |      |
| 1,4-Bromofluorobenzene      | 89             | 68-120                |             |      | Dibromofluoromethane          | 86             | 80-127                |             |      |
| 1,2-Dichloroethane-d4       | 93             | 80-128                |             |      | Toluene-d8                    | 92             | 80-120                |             |      |

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

## Analytical Report



Cardno ERI  
 601 North McDowell Blvd.  
 Petaluma, CA 94954-2312

Date Received: 04/27/12  
 Work Order No: 12-04-1679  
 Preparation: EPA 5030C  
 Method: EPA 8260B  
 Units: ug/L

Project: ExxonMobil 73006/022010C

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-6-MW17A            | 12-04-1679-8-A    | 04/25/12<br>10:45   | Aqueous | GC/MS T    | 04/28/12      | 04/29/12<br>08:17  | 120428L02   |

| Parameter                   | Result         | RL                    | DF          | Qual | Parameter                     | Result         | RL                    | DF          | Qual |
|-----------------------------|----------------|-----------------------|-------------|------|-------------------------------|----------------|-----------------------|-------------|------|
| Methyl-t-Butyl Ether (MTBE) | ND             | 0.50                  | 1           | U    | Tert-Amyl-Methyl Ether (TAME) | ND             | 0.50                  | 1           | U    |
| Tert-Butyl Alcohol (TBA)    | ND             | 5.0                   | 1           | U    | Ethanol                       | ND             | 50                    | 1           | U    |
| Diisopropyl Ether (DIPE)    | ND             | 0.50                  | 1           | U    | 1,2-Dibromoethane             | ND             | 0.50                  | 1           | U    |
| Ethyl-t-Butyl Ether (ETBE)  | ND             | 0.50                  | 1           | U    | 1,2-Dichloroethane            | ND             | 0.50                  | 1           | U    |
| <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> |      |
| 1,4-Bromofluorobenzene      | 96             | 68-120                |             |      | Dibromofluoromethane          | 93             | 80-127                |             |      |
| 1,2-Dichloroethane-d4       | 90             | 80-128                |             |      | Toluene-d8                    | 93             | 80-120                |             |      |

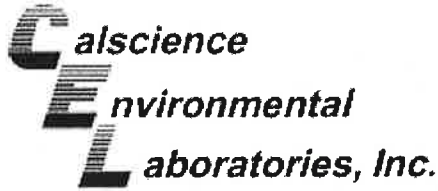
| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-10-MW17B           | 12-04-1679-9-A    | 04/25/12<br>11:00   | Aqueous | GC/MS T    | 04/28/12      | 04/29/12<br>07:49  | 120428L02   |

| Parameter                   | Result         | RL                    | DF          | Qual | Parameter                     | Result         | RL                    | DF          | Qual |
|-----------------------------|----------------|-----------------------|-------------|------|-------------------------------|----------------|-----------------------|-------------|------|
| Methyl-t-Butyl Ether (MTBE) | 230            | 5.0                   | 10          |      | Tert-Amyl-Methyl Ether (TAME) | ND             | 5.0                   | 10          | U    |
| Tert-Butyl Alcohol (TBA)    | ND             | 50                    | 10          | U    | Ethanol                       | ND             | 500                   | 10          | U    |
| Diisopropyl Ether (DIPE)    | ND             | 5.0                   | 10          | U    | 1,2-Dibromoethane             | ND             | 5.0                   | 10          | U    |
| Ethyl-t-Butyl Ether (ETBE)  | ND             | 5.0                   | 10          | U    | 1,2-Dichloroethane            | ND             | 5.0                   | 10          | U    |
| <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> |      |
| 1,4-Bromofluorobenzene      | 86             | 68-120                |             |      | Dibromofluoromethane          | 93             | 80-127                |             |      |
| 1,2-Dichloroethane-d4       | 91             | 80-128                |             |      | Toluene-d8                    | 94             | 80-120                |             |      |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-6-MW18A            | 12-04-1679-10-A   | 04/25/12<br>09:55   | Aqueous | GC/MS T    | 04/28/12      | 04/29/12<br>07:21  | 120428L02   |

| Parameter                   | Result         | RL                    | DF          | Qual | Parameter                     | Result         | RL                    | DF          | Qual |
|-----------------------------|----------------|-----------------------|-------------|------|-------------------------------|----------------|-----------------------|-------------|------|
| Methyl-t-Butyl Ether (MTBE) | ND             | 0.50                  | 1           | U    | Tert-Amyl-Methyl Ether (TAME) | ND             | 0.50                  | 1           | U    |
| Tert-Butyl Alcohol (TBA)    | ND             | 5.0                   | 1           | U    | Ethanol                       | ND             | 50                    | 1           | U    |
| Diisopropyl Ether (DIPE)    | ND             | 0.50                  | 1           | U    | 1,2-Dibromoethane             | ND             | 0.50                  | 1           | U    |
| Ethyl-t-Butyl Ether (ETBE)  | ND             | 0.50                  | 1           | U    | 1,2-Dichloroethane            | ND             | 0.50                  | 1           | U    |
| <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> |      |
| 1,4-Bromofluorobenzene      | 92             | 68-120                |             |      | Dibromofluoromethane          | 93             | 80-127                |             |      |
| 1,2-Dichloroethane-d4       | 92             | 80-128                |             |      | Toluene-d8                    | 99             | 80-120                |             |      |

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



Analytical Report



Cardno ERI  
601 North McDowell Blvd.  
Petaluma, CA 94954-2312

Date Received: 04/27/12  
Work Order No: 12-04-1679  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/L

Project: ExxonMobil 73006/022010C

Page 4 of 5

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-10-MW18B           | 12-04-1679-11-A   | 04/25/12 09:30      | Aqueous | GC/MS T    | 04/28/12      | 04/29/12 06:53     | 120428L02   |

| Parameter                   | Result         | RL                    | DF          | Qual | Parameter                     | Result         | RL                    | DF          | Qual |
|-----------------------------|----------------|-----------------------|-------------|------|-------------------------------|----------------|-----------------------|-------------|------|
| Methyl-t-Butyl Ether (MTBE) | ND             | 0.50                  | 1           | U    | Tert-Amyl-Methyl Ether (TAME) | ND             | 0.50                  | 1           | U    |
| Tert-Butyl Alcohol (TBA)    | ND             | 5.0                   | 1           | U    | Ethanol                       | ND             | 50                    | 1           | U    |
| Diisopropyl Ether (DIPE)    | ND             | 0.50                  | 1           | U    | 1,2-Dibromoethane             | ND             | 0.50                  | 1           | U    |
| Ethyl-t-Butyl Ether (ETBE)  | ND             | 0.50                  | 1           | U    | 1,2-Dichloroethane            | ND             | 0.50                  | 1           | U    |
| <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> |      |
| 1,4-Bromofluorobenzene      | 91             | 68-120                |             |      | Dibromofluoromethane          | 92             | 80-127                |             |      |
| 1,2-Dichloroethane-d4       | 92             | 80-128                |             |      | Toluene-d8                    | 92             | 80-120                |             |      |

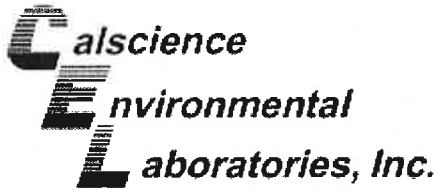
| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-6-MW19A            | 12-04-1679-12-A   | 04/25/12 12:00      | Aqueous | GC/MS T    | 04/28/12      | 04/29/12 06:25     | 120428L02   |

| Parameter                   | Result         | RL                    | DF          | Qual | Parameter                     | Result         | RL                    | DF          | Qual |
|-----------------------------|----------------|-----------------------|-------------|------|-------------------------------|----------------|-----------------------|-------------|------|
| Methyl-t-Butyl Ether (MTBE) | ND             | 0.50                  | 1           | U    | Tert-Amyl-Methyl Ether (TAME) | ND             | 0.50                  | 1           | U    |
| Tert-Butyl Alcohol (TBA)    | ND             | 5.0                   | 1           | U    | Ethanol                       | ND             | 50                    | 1           | U    |
| Diisopropyl Ether (DIPE)    | ND             | 0.50                  | 1           | U    | 1,2-Dibromoethane             | ND             | 0.50                  | 1           | U    |
| Ethyl-t-Butyl Ether (ETBE)  | ND             | 0.50                  | 1           | U    | 1,2-Dichloroethane            | ND             | 0.50                  | 1           | U    |
| <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> |      |
| 1,4-Bromofluorobenzene      | 100            | 68-120                |             |      | Dibromofluoromethane          | 92             | 80-127                |             |      |
| 1,2-Dichloroethane-d4       | 97             | 80-128                |             |      | Toluene-d8                    | 94             | 80-120                |             |      |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| W-6-MW19B            | 12-04-1679-13-A   | 04/25/12 11:30      | Aqueous | GC/MS T    | 04/28/12      | 04/29/12 05:57     | 120428L02   |

| Parameter                   | Result         | RL                    | DF          | Qual | Parameter                     | Result         | RL                    | DF          | Qual |
|-----------------------------|----------------|-----------------------|-------------|------|-------------------------------|----------------|-----------------------|-------------|------|
| Methyl-t-Butyl Ether (MTBE) | ND             | 0.50                  | 1           | U    | Tert-Amyl-Methyl Ether (TAME) | ND             | 0.50                  | 1           | U    |
| Tert-Butyl Alcohol (TBA)    | ND             | 5.0                   | 1           | U    | Ethanol                       | ND             | 50                    | 1           | U    |
| Diisopropyl Ether (DIPE)    | ND             | 0.50                  | 1           | U    | 1,2-Dibromoethane             | ND             | 0.50                  | 1           | U    |
| Ethyl-t-Butyl Ether (ETBE)  | ND             | 0.50                  | 1           | U    | 1,2-Dichloroethane            | 1.2            | 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> |      |
| 1,4-Bromofluorobenzene      | 88             | 68-120                |             |      | Dibromofluoromethane          | 89             | 80-127                |             |      |
| 1,2-Dichloroethane-d4       | 99             | 80-128                |             |      | Toluene-d8                    | 97             | 80-120                |             |      |

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



Analytical Report



Cardno ERI  
601 North McDowell Blvd.  
Petaluma, CA 94954-2312

Date Received: 04/27/12  
Work Order No: 12-04-1679  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/L

Project: ExxonMobil 73006/022010C

Page 5 of 5

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| Method Blank         | 099-12-884-856    | N/A                 | Aqueous | GC/MS T    | 04/28/12      | 04/28/12 23:22     | 120428L02   |

| Parameter                   | Result         | RL                    | DF          | Qual | Parameter                     | Result         | RL                    | DF          | Qual |
|-----------------------------|----------------|-----------------------|-------------|------|-------------------------------|----------------|-----------------------|-------------|------|
| Methyl-t-Butyl Ether (MTBE) | ND             | 0.50                  | 1           | U    | Tert-Amyl-Methyl Ether (TAME) | ND             | 0.50                  | 1           | U    |
| Tert-Butyl Alcohol (TBA)    | ND             | 5.0                   | 1           | U    | Ethanol                       | ND             | 50                    | 1           | U    |
| Diisopropyl Ether (DIPE)    | ND             | 0.50                  | 1           | U    | 1,2-Dibromoethane             | ND             | 0.50                  | 1           | U    |
| Ethyl-t-Butyl Ether (ETBE)  | ND             | 0.50                  | 1           | U    | 1,2-Dichloroethane            | ND             | 0.50                  | 1           | U    |
| <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> |      |
| 1,4-Bromofluorobenzene      | 89             | 68-120                |             |      | Dibromofluoromethane          | 94             | 80-127                |             |      |
| 1,2-Dichloroethane-d4       | 98             | 80-128                |             |      | Toluene-d8                    | 99             | 80-120                |             |      |

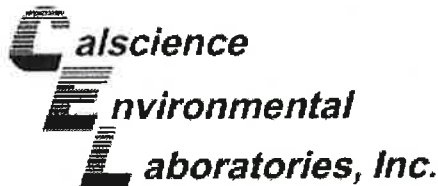
| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| Method Blank         | 099-12-884-857    | N/A                 | Aqueous | GC/MS T    | 05/01/12      | 05/01/12 17:54     | 120501L01   |

| Parameter                   | Result         | RL                    | DF          | Qual | Parameter                     | Result         | RL                    | DF          | Qual |
|-----------------------------|----------------|-----------------------|-------------|------|-------------------------------|----------------|-----------------------|-------------|------|
| Methyl-t-Butyl Ether (MTBE) | ND             | 0.50                  | 1           | U    | Tert-Amyl-Methyl Ether (TAME) | ND             | 0.50                  | 1           | U    |
| Tert-Butyl Alcohol (TBA)    | ND             | 5.0                   | 1           | U    | Ethanol                       | ND             | 50                    | 1           | U    |
| Diisopropyl Ether (DIPE)    | ND             | 0.50                  | 1           | U    | 1,2-Dibromoethane             | ND             | 0.50                  | 1           | U    |
| Ethyl-t-Butyl Ether (ETBE)  | ND             | 0.50                  | 1           | U    | 1,2-Dichloroethane            | ND             | 0.50                  | 1           | U    |
| <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> |      |
| 1,4-Bromofluorobenzene      | 90             | 68-120                |             |      | Dibromofluoromethane          | 99             | 80-127                |             |      |
| 1,2-Dichloroethane-d4       | 103            | 80-128                |             |      | Toluene-d8                    | 100            | 80-120                |             |      |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| Method Blank         | 099-12-884-858    | N/A                 | Aqueous | GC/MS T    | 05/01/12      | 05/02/12 02:49     | 120501L02   |

| Parameter                   | Result         | RL                    | DF          | Qual | Parameter                     | Result         | RL                    | DF          | Qual |
|-----------------------------|----------------|-----------------------|-------------|------|-------------------------------|----------------|-----------------------|-------------|------|
| Methyl-t-Butyl Ether (MTBE) | ND             | 0.50                  | 1           | U    | Tert-Amyl-Methyl Ether (TAME) | ND             | 0.50                  | 1           | U    |
| Tert-Butyl Alcohol (TBA)    | ND             | 5.0                   | 1           | U    | Ethanol                       | ND             | 50                    | 1           | U    |
| Diisopropyl Ether (DIPE)    | ND             | 0.50                  | 1           | U    | 1,2-Dibromoethane             | ND             | 0.50                  | 1           | U    |
| Ethyl-t-Butyl Ether (ETBE)  | ND             | 0.50                  | 1           | U    | 1,2-Dichloroethane            | ND             | 0.50                  | 1           | U    |
| <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> |      |
| 1,4-Bromofluorobenzene      | 97             | 68-120                |             |      | Dibromofluoromethane          | 95             | 80-127                |             |      |
| 1,2-Dichloroethane-d4       | 94             | 80-128                |             |      | Toluene-d8                    | 96             | 80-120                |             |      |

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



**Quality Control - Spike/Spike Duplicate**



Cardno ERI  
601 North McDowell Blvd.  
Petaluma, CA 94954-2312

Date Received: 04/27/12  
Work Order No: 12-04-1679  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

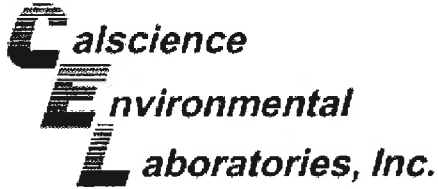
Project ExxonMobil 73006/022010C

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---------------------------|--------|------------|---------------|---------------|---------------------|
| 12-04-1715-2              | Solid  | GC 46      | 04/30/12      | 04/30/12      | 120430S01           |

| <u>Parameter</u> | <u>SPIKE ADDED</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 Diesel    | 400.0              | 102            | 105             | 64-130         | 3          | 0-15          |                   |

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - Spike/Spike Duplicate



Cardno ERI  
601 North McDowell Blvd.  
Petaluma, CA 94954-2312

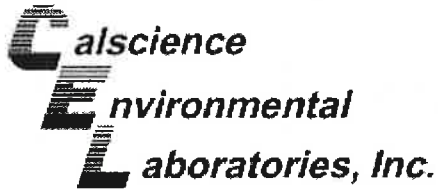
Date Received: 04/27/12  
Work Order No: 12-04-1679  
Preparation: EPA 5030C  
Method: EPA 8015B (M)

Project ExxonMobil 73006/022010C

| Quality Control Sample ID | Matrix  | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|---------------------|
| W-7-MW2                   | Aqueous | GC 25      | 04/28/12      | 04/28/12      | 120428S01           |

| Parameter       | SPIKE ADDED | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|-----------------|-------------|---------|----------|---------|-----|--------|------------|
| TPH as Gasoline | 2000        | 85      | 92       | 68-122  | 7   | 0-18   |            |

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - Spike/Spike Duplicate



Cardno ERI  
601 North McDowell Blvd.  
Petaluma, CA 94954-2312

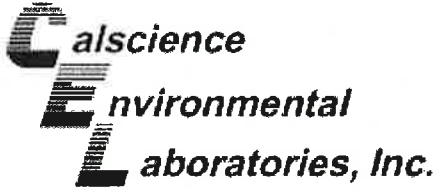
Date Received: 04/27/12  
Work Order No: 12-04-1679  
Preparation: EPA 5030C  
Method: EPA 8021B

Project ExxonMobil 73006/022010C

| Quality Control Sample ID | Matrix  | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|---------------------|
| W-10-MW18B                | Aqueous | GC 8       | 05/03/12      | 05/03/12      | 120503S01           |

| Parameter       | SPIKE ADDED | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|-----------------|-------------|---------|----------|---------|-----|--------|------------|
| Benzene         | 100.0       | 92      | 94       | 57-129  | 1   | 0-23   |            |
| Toluene         | 100.0       | 92      | 88       | 50-134  | 5   | 0-26   |            |
| Ethylbenzene    | 100.0       | 94      | 91       | 58-130  | 3   | 0-26   |            |
| Xylenes (total) | 300.0       | 92      | 89       | 58-130  | 3   | 0-28   |            |

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - Spike/Spike Duplicate



Cardno ERI  
601 North McDowell Blvd.  
Petaluma, CA 94954-2312

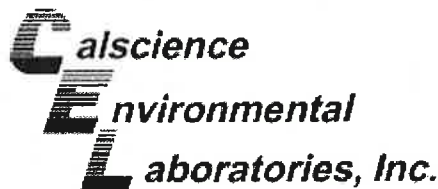
Date Received: 04/27/12  
Work Order No: 12-04-1679  
Preparation: EPA 5030C  
Method: EPA 8021B

Project ExxonMobil 73006/022010C

| Quality Control Sample ID | Matrix  | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|---------------------|
| 12-05-0114-2              | Aqueous | GC 8       | 05/04/12      | 05/04/12      | 120504S01           |

| Parameter       | SPIKE ADDED | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|-----------------|-------------|---------|----------|---------|-----|--------|------------|
| Benzene         | 100.0       | 89      | 88       | 57-129  | 0   | 0-23   |            |
| Toluene         | 100.0       | 90      | 87       | 50-134  | 4   | 0-26   |            |
| Ethylbenzene    | 100.0       | 91      | 90       | 58-130  | 1   | 0-26   |            |
| Xylenes (total) | 300.0       | 90      | 89       | 58-130  | 2   | 0-28   |            |

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - Spike/Spike Duplicate



Cardno ERI  
601 North McDowell Blvd.  
Petaluma, CA 94954-2312

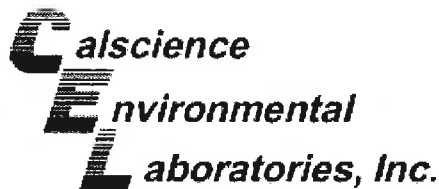
Date Received: 04/27/12  
Work Order No: 12-04-1679  
Preparation: EPA 5030C  
Method: EPA 8260B

Project ExxonMobil 73006/022010C

| Quality Control Sample ID | Matrix  | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|---------------------|
| 12-04-1746-3              | Aqueous | GC/MS T    | 04/28/12      | 04/29/12      | 120428S02           |

| Parameter                     | SPIKE ADDED | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|-------------------------------|-------------|---------|----------|---------|-----|--------|------------|
| Benzene                       | 10.00       | 100     | 100      | 76-124  | 0   | 0-20   |            |
| Toluene                       | 10.00       | 102     | 101      | 80-120  | 1   | 0-20   |            |
| Ethylbenzene                  | 10.00       | 101     | 99       | 78-126  | 2   | 0-20   |            |
| Methyl-t-Butyl Ether (MTBE)   | 10.00       | 88      | 89       | 67-121  | 1   | 0-49   |            |
| Tert-Butyl Alcohol (TBA)      | 50.00       | 208     | 131      | 36-162  | 46  | 0-30   | HX,BA      |
| Diisopropyl Ether (DIPE)      | 10.00       | 92      | 93       | 60-138  | 1   | 0-45   |            |
| Ethyl-t-Butyl Ether (ETBE)    | 10.00       | 98      | 97       | 69-123  | 1   | 0-30   |            |
| Tert-Amyl-Methyl Ether (TAME) | 10.00       | 99      | 99       | 65-120  | 0   | 0-20   |            |
| Ethanol                       | 100.0       | 137     | 109      | 30-180  | 23  | 0-72   |            |
| 1,2-Dibromoethane             | 10.00       | 99      | 98       | 80-120  | 0   | 0-20   |            |
| 1,2-Dichloroethane            | 10.00       | 105     | 102      | 80-120  | 3   | 0-20   |            |

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - Spike/Spike Duplicate



Cardno ERI  
601 North McDowell Blvd.  
Petaluma, CA 94954-2312

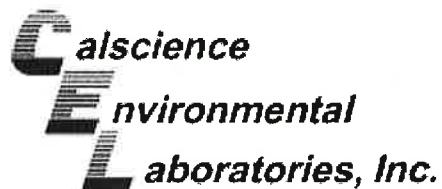
Date Received: 04/27/12  
Work Order No: 12-04-1679  
Preparation: EPA 5030C  
Method: EPA 8260B

Project ExxonMobil 73006/022010C

| Quality Control Sample ID | Matrix  | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|---------------------|
| W-7-MW2                   | Aqueous | GC/MS T    | 05/01/12      | 05/01/12      | 120501S01           |

| Parameter                     | SPIKE ADDED | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|-------------------------------|-------------|---------|----------|---------|-----|--------|------------|
| Methyl-t-Butyl Ether (MTBE)   | 10.00       | 90      | 101      | 67-121  | 11  | 0-49   |            |
| Tert-Butyl Alcohol (TBA)      | 50.00       | 379     | 196      | 36-162  | 64  | 0-30   | HX,BA      |
| Diisopropyl Ether (DIPE)      | 10.00       | 89      | 93       | 60-138  | 5   | 0-45   |            |
| Ethyl-t-Butyl Ether (ETBE)    | 10.00       | 100     | 105      | 69-123  | 5   | 0-30   |            |
| Tert-Amyl-Methyl Ether (TAME) | 10.00       | 104     | 103      | 65-120  | 1   | 0-20   |            |
| Ethanol                       | 100.0       | 78      | 82       | 30-180  | 4   | 0-72   |            |
| 1,2-Dibromoethane             | 10.00       | 97      | 100      | 80-120  | 2   | 0-20   |            |
| 1,2-Dichloroethane            | 10.00       | 87      | 89       | 80-120  | 2   | 0-20   |            |

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



Cardno ERI  
601 North McDowell Blvd.  
Petaluma, CA 94954-2312

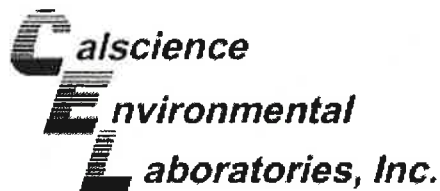
Date Received: N/A  
Work Order No: 12-04-1679  
Preparation: EPA 3510C  
Method: EPA 8015B (M)

Project: ExxonMobil 73006/022010C

| Quality Control Sample ID | Matrix  | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|-----------------------|
| 099-12-330-2,214          | Aqueous | GC 48      | 04/30/12      | 05/01/12      | 120430B06             |

| Parameter     | SPIKE ADDED | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---------------|-------------|----------|-----------|---------|-----|--------|------------|
| TPH as Diesel | 2000        | 97       | 93        | 75-117  | 4   | 0-13   |            |

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - LCS/LCS Duplicate



Cardno ERI  
601 North McDowell Blvd.  
Petaluma, CA 94954-2312

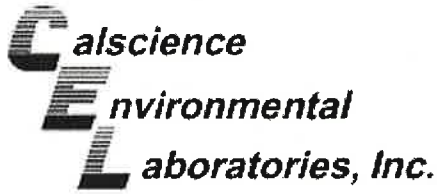
Date Received: N/A  
Work Order No: 12-04-1679  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: ExxonMobil 73006/022010C

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---------------------------|--------|------------|---------------|---------------|-----------------------|
| 099-14-085-618            | Solid  | GC 46      | 04/30/12      | 04/30/12      | 120430B01             |

| Parameter     | SPIKE ADDED | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---------------|-------------|----------|-----------|---------|-----|--------|------------|
| TPH as Diesel | 400.0       | 106      | 99        | 75-123  | 7   | 0-12   |            |

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



Cardno ERI  
601 North McDowell Blvd.  
Petaluma, CA 94954-2312

Date Received: N/A  
Work Order No: 12-04-1679  
Preparation: EPA 5030C  
Method: EPA 8015B (M)

Project: ExxonMobil 73006/022010C

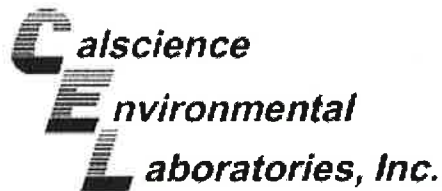
| Quality Control Sample ID | Matrix  | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|-----------------------|
| 099-12-436-7,380          | Aqueous | GC 25      | 04/28/12      | 04/28/12      | 120428B01             |

| Parameter       | SPIKE ADDED | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|-----------------|-------------|----------|-----------|---------|-----|--------|------------|
| TPH as Gasoline | 2000        | 94       | 96        | 78-120  | 1   | 0-10   |            |

RPD - Relative Percent Difference , CL - Control Limit







Quality Control - LCS/LCS Duplicate



Cardno ERI  
601 North McDowell Blvd.  
Petaluma, CA 94954-2312

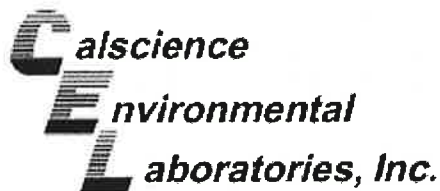
Date Received: N/A  
Work Order No: 12-04-1679  
Preparation: EPA 5030C  
Method: EPA 8021B

Project: ExxonMobil 73006/022010C

| Quality Control Sample ID | Matrix  | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|-----------------------|
| 099-12-667-1,451          | Aqueous | GC 8       | 05/03/12      | 05/03/12      | 120503B01             |

| Parameter       | SPIKE ADDED | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|-----------------|-------------|----------|-----------|---------|-----|--------|------------|
| Benzene         | 100.0       | 90       | 93        | 70-118  | 3   | 0-9    |            |
| Toluene         | 100.0       | 88       | 91        | 66-114  | 3   | 0-9    |            |
| Ethylbenzene    | 100.0       | 92       | 91        | 72-114  | 1   | 0-9    |            |
| Xylenes (total) | 300.0       | 90       | 89        | 74-116  | 1   | 0-9    |            |

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



Cardno ERI  
601 North McDowell Blvd.  
Petaluma, CA 94954-2312

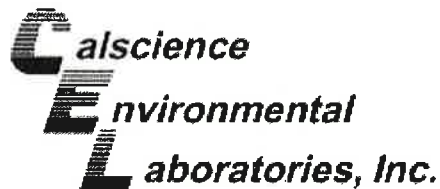
Date Received: N/A  
Work Order No: 12-04-1679  
Preparation: EPA 5030C  
Method: EPA 8021B

Project: ExxonMobil 73006/022010C

| Quality Control Sample ID | Matrix  | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|-----------------------|
| 099-12-667-1,453          | Aqueous | GC 8       | 05/04/12      | 05/04/12      | 120504B01             |

| Parameter       | SPIKE ADDED | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|-----------------|-------------|----------|-----------|---------|-----|--------|------------|
| Benzene         | 100.0       | 90       | 90        | 70-118  | 0   | 0-9    |            |
| Toluene         | 100.0       | 89       | 88        | 66-114  | 1   | 0-9    |            |
| Ethylbenzene    | 100.0       | 91       | 92        | 72-114  | 1   | 0-9    |            |
| Xylenes (total) | 300.0       | 89       | 91        | 74-116  | 1   | 0-9    |            |

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



Cardno ERI  
601 North McDowell Blvd.  
Petaluma, CA 94954-2312

Date Received: N/A  
Work Order No: 12-04-1679  
Preparation: EPA 5030C  
Method: EPA 8260B

Project: ExxonMobil 73006/022010C

| Quality Control Sample ID     | Matrix         | Instrument     | Date Prepared   | Date Analyzed   | LCS/LCSD Batch Number |     |        |            |
|-------------------------------|----------------|----------------|-----------------|-----------------|-----------------------|-----|--------|------------|
| <b>099-12-884-856</b>         | <b>Aqueous</b> | <b>GC/MS T</b> | <b>04/28/12</b> | <b>04/28/12</b> | <b>120428L02</b>      |     |        |            |
| Parameter                     | SPIKE ADDED    | LCS %REC       | LCSD %REC       | %REC CL         | ME CL                 | RPD | RPD CL | Qualifiers |
| Benzene                       | 10.00          | 94             | 94              | 80-120          | 73-127                | 1   | 0-20   |            |
| Toluene                       | 10.00          | 94             | 94              | 80-120          | 73-127                | 0   | 0-20   |            |
| Ethylbenzene                  | 10.00          | 99             | 96              | 80-120          | 73-127                | 3   | 0-20   |            |
| Methyl-t-Butyl Ether (MTBE)   | 10.00          | 90             | 83              | 69-123          | 60-132                | 8   | 0-20   |            |
| Tert-Butyl Alcohol (TBA)      | 50.00          | 104            | 98              | 63-123          | 53-133                | 6   | 0-20   |            |
| Diisopropyl Ether (DIPE)      | 10.00          | 93             | 85              | 59-137          | 46-150                | 9   | 0-37   |            |
| Ethyl-t-Butyl Ether (ETBE)    | 10.00          | 100            | 92              | 69-123          | 60-132                | 8   | 0-20   |            |
| Tert-Amyl-Methyl Ether (TAME) | 10.00          | 95             | 91              | 70-120          | 62-128                | 4   | 0-20   |            |
| Ethanol                       | 100.0          | 103            | 101             | 28-160          | 6-182                 | 2   | 0-57   |            |
| 1,2-Dibromoethane             | 10.00          | 99             | 94              | 79-121          | 72-128                | 6   | 0-20   |            |
| 1,2-Dichloroethane            | 10.00          | 93             | 94              | 80-120          | 73-127                | 1   | 0-20   |            |

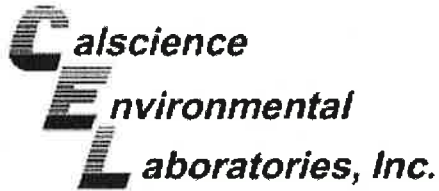
Total number of LCS compounds : 11

Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



Cardno ERI  
601 North McDowell Blvd.  
Petaluma, CA 94954-2312

Date Received: N/A  
Work Order No: 12-04-1679  
Preparation: EPA 5030C  
Method: EPA 8260B

Project: ExxonMobil 73006/022010C

| Quality Control Sample ID     | Matrix         | Instrument     | Date Prepared   | Date Analyzed   | LCS/LCSD Batch Number |     |        |            |
|-------------------------------|----------------|----------------|-----------------|-----------------|-----------------------|-----|--------|------------|
| <b>099-12-884-857</b>         | <b>Aqueous</b> | <b>GC/MS T</b> | <b>05/01/12</b> | <b>05/01/12</b> | <b>120501L01</b>      |     |        |            |
| Parameter                     | SPIKE ADDED    | LCS %REC       | LCSD %REC       | %REC CL         | ME CL                 | RPD | RPD CL | Qualifiers |
| Benzene                       | 10.00          | 97             | 99              | 80-120          | 73-127                | 3   | 0-20   |            |
| Toluene                       | 10.00          | 103            | 100             | 80-120          | 73-127                | 3   | 0-20   |            |
| Ethylbenzene                  | 10.00          | 99             | 98              | 80-120          | 73-127                | 1   | 0-20   |            |
| Methyl-t-Butyl Ether (MTBE)   | 10.00          | 88             | 86              | 69-123          | 60-132                | 2   | 0-20   |            |
| Tert-Butyl Alcohol (TBA)      | 50.00          | 102            | 101             | 63-123          | 53-133                | 2   | 0-20   |            |
| Diisopropyl Ether (DIPE)      | 10.00          | 84             | 90              | 59-137          | 46-150                | 7   | 0-37   |            |
| Ethyl-t-Butyl Ether (ETBE)    | 10.00          | 97             | 98              | 69-123          | 60-132                | 1   | 0-20   |            |
| Tert-Amyl-Methyl Ether (TAME) | 10.00          | 96             | 100             | 70-120          | 62-128                | 4   | 0-20   |            |
| Ethanol                       | 100.0          | 99             | 87              | 28-160          | 6-182                 | 14  | 0-57   |            |
| 1,2-Dibromoethane             | 10.00          | 98             | 94              | 79-121          | 72-128                | 4   | 0-20   |            |
| 1,2-Dichloroethane            | 10.00          | 97             | 99              | 80-120          | 73-127                | 2   | 0-20   |            |

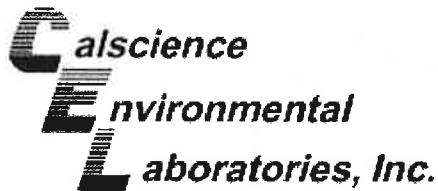
Total number of LCS compounds : 11

Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



Cardno ERI  
601 North McDowell Blvd.  
Petaluma, CA 94954-2312

Date Received: N/A  
Work Order No: 12-04-1679  
Preparation: EPA 5030C  
Method: EPA 8260B

Project: ExxonMobil 73006/022010C

| Quality Control Sample ID     | Matrix         | Instrument     | Date Prepared   | Date Analyzed   | LCS/LCSD Batch Number |     |        |            |
|-------------------------------|----------------|----------------|-----------------|-----------------|-----------------------|-----|--------|------------|
| <b>099-12-884-858</b>         | <b>Aqueous</b> | <b>GC/MS T</b> | <b>05/01/12</b> | <b>05/02/12</b> | <b>120501L02</b>      |     |        |            |
| Parameter                     | SPIKE ADDED    | LCS %REC       | LCSD %REC       | %REC CL         | ME CL                 | RPD | RPD CL | Qualifiers |
| Benzene                       | 10.00          | 96             | 97              | 80-120          | 73-127                | 1   | 0-20   |            |
| Toluene                       | 10.00          | 97             | 92              | 80-120          | 73-127                | 5   | 0-20   |            |
| Ethylbenzene                  | 10.00          | 99             | 98              | 80-120          | 73-127                | 2   | 0-20   |            |
| Methyl-t-Butyl Ether (MTBE)   | 10.00          | 88             | 80              | 69-123          | 60-132                | 9   | 0-20   |            |
| Tert-Butyl Alcohol (TBA)      | 50.00          | 100            | 104             | 63-123          | 53-133                | 4   | 0-20   |            |
| Diisopropyl Ether (DIPE)      | 10.00          | 82             | 78              | 59-137          | 46-150                | 6   | 0-37   |            |
| Ethyl-t-Butyl Ether (ETBE)    | 10.00          | 97             | 92              | 69-123          | 60-132                | 6   | 0-20   |            |
| Tert-Amyl-Methyl Ether (TAME) | 10.00          | 97             | 98              | 70-120          | 62-128                | 1   | 0-20   |            |
| Ethanol                       | 100.0          | 73             | 91              | 28-160          | 6-182                 | 23  | 0-57   |            |
| 1,2-Dibromoethane             | 10.00          | 93             | 91              | 79-121          | 72-128                | 1   | 0-20   |            |
| 1,2-Dichloroethane            | 10.00          | 89             | 88              | 80-120          | 73-127                | 1   | 0-20   |            |

Total number of LCS compounds : 11  
 Total number of ME compounds : 0  
 Total number of ME compounds allowed : 1  
 LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Work Order Number: 12-04-1679

| <u>Qualifier</u> | <u>Definition</u>  |
|------------------|--|
| AZ               | 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.                             |
| B                | Analyte was present in the associated method blank.  |
| BA               | 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.  |
| BB               | 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.  |
| BU               | Sample analyzed after holding time expired.  |
| DF               | Reporting limits elevated due to matrix interferences.   |
| E                | Concentration exceeds the calibration range.   |
| ET               | Sample was extracted past end of recommended max. holding time.  |
| GE               | The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification. |
| HD               | Chromat. profile inconsistent with pattern(s) of ref. fuel stnds.  |
| HO               | High concentration matrix spike recovery out of limits   |
| HT               | Analytical value calculated using results from associated tests.   |
| HX               | 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.    |
| IL               | Relative percent difference out of control.  |
| J                | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.  |
| LD               | Analyte presence was not confirmed by second column or GC/MS analysis.   |
| LP               | The LCS and/or LCSD recoveries for this analyte were above the upper control limit. The associated sample was non-detected. Therefore, the sample data was reported without further clarification.   |
| LQ               | LCS recovery above method control limits.  |
| LR               | LCS recovery below method control limits.  |
| ND               | Parameter not detected at the indicated reporting limit.   |
| QO               | Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.  |
| RU               | LCS/LCSD Recovery Percentage is within Marginal Exceedance (ME) Control Limit range.   |
| SG               | A silica gel cleanup procedure was performed.  |
| SN               | See applicable analysis comment.   |
| U                | Undetected at detection limit.   |

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

MPN - Most Probable Number

1679

**Cecile de Guia**

---

**From:** Rebekah Westrup [rebekah.westrup@cardno.com]  
**Sent:** Friday, April 27, 2012 4:12 PM  
**To:** Cecile de Guia  
**Subject:** Hope this is better  
**Attachments:** 12041679.pdf

Here you go

Rebekah A. Westrup  
SR STAFF GEOLOGIST  
CARDNO ERI



Phone (+1) 707-766-2000 Fax (+1) 707-789-0414 Mobile (+1) 707-338-8555  
Address 601 North McDowell Blvd., Petaluma, CA 94954-2312 USA  
Email [rebekah.westrup@cardno.com](mailto:rebekah.westrup@cardno.com) Web [www.cardno.com](http://www.cardno.com) [www.cardnoeri.com](http://www.cardnoeri.com)

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1







167A



WebShip >>>>  
800-322-5555 www.gso.com

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

Tracking #: 518985477



NPS

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

ORC  
GARDEN GROVE

A

COD:  
\$0.00

D92841A



771932

Reference:  
CARDNO ERI, CRA

Delivery Instructions:

Signature Type:  
SIGNATURE REQUIRED

Print Date : 04/26/12 15:53 PM

Package 1 of 1

Send Label To Printer  Print All Edit Shipment Finish

LABEL INSTRUCTIONS:

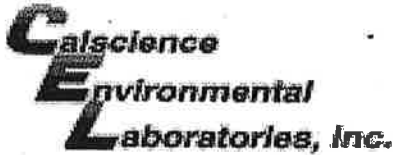
- Do not copy or reprint this label for additional shipments - each package must have a unique barcode.
- STEP 1 - Use the "Send Label to Printer" button on this page to print the shipping label on a laser or inkjet printer.
- STEP 2 - Fold this page in half.
- STEP 3 - Securely attach this label to your package, do not cover the barcode.
- STEP 4 - Request an on-call pickup for your package, if you do not have scheduled daily pickup service or Drop-off your package at the nearest GSO drop box. Locate nearest GSO dropbox locations using this link.

ADDITIONAL OPTIONS:

Send Label Via Email Create Return Label

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all the service terms and conditions described in this section. Our liability for loss or damage to any package is limited to your actual damages or \$100 whichever is less, unless you pay for and declare a higher authorized value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your loss or damage. In any event, we will not be liable for any damage, whether direct, incidental, special or consequential, in excess of the declared value of a shipment whether or not we had knowledge that such damage might be incurred including but not limited to loss of income or profit. We will not be liable for your acts or omissions, including but not limited to improper or insufficient packaging, securing, marking or addressing. Also, we will not be liable if you or the recipient violates any of the terms of our agreement. We will not be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, act of public enemies, war, strikes, or civil commotion. The highest declared value for our GSO Priority Letter or GSO Priority Package is \$500. For other shipments the highest declared value is \$10,000 unless your package contains items of "extraordinary value", in which case the highest declared value we allow is \$500. Items of "extraordinary value" include, but are not limited to, artwork, jewelry, furs, precious metals, tickets, negotiable instruments and other items with intrinsic value.



WORK ORDER #: 12-04-0679

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: CardmoERR

DATE: 04/27/12

TEMPERATURE: Thermometer ID: SC2 (Criteria: 0.0°C - 6.0°C, not frozen)

Temperature 2.1°C - 0.3°C (CF) = 1.8°C [X] 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.

[X] Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: [ ] Air [ ] Filter

Initial: [Signature]

CUSTODY SEALS INTACT:

- [X] Cooler [ ] \_\_\_\_\_ [ ] No (Not Intact) [ ] Not Present [ ] N/A
[ ] Sample [ ] \_\_\_\_\_ [ ] No (Not Intact) [X] Not Present

Initial: [Signature]
Initial: [Signature]

SAMPLE CONDITION:

Table with 4 columns: Question, Yes, No, N/A. Rows include Chain-Of-Custody (COC) document(s) received with samples, COC document(s) received complete, Collection date/time, matrix, and/or # of containers logged in based on sample labels, No analysis requested, Not relinquished, No date/time relinquished, Sampler's name indicated on COC, Sample container label(s) consistent with COC, Sample container(s) intact and good condition, Proper containers and sufficient volume for analyses requested, Analyses received within holding time, pH / Res. Chlorine / Diss. Sulfide / Diss. Oxygen received within 24 hours, Proper preservation noted on COC or sample container, Unpreserved vials received for Volatiles analysis, Volatile analysis container(s) free of headspace, Tedlar bag(s) free of condensation.

CONTAINER TYPE:

- Solid: [ ] 4ozCGJ [ ] 8ozCGJ [ ] 16ozCGJ [ ] Sleeve (\_\_\_\_) [ ] EnCores® [ ] TerraCores® [ ] \_\_\_\_\_
Water: [ ] VOA [X] VOAh [ ] VOAna2 [ ] 125AGB [ ] 125AGBh [ ] 125AGBp [ ] 1AGB [ ] 1AGBna2 [ ] 1AGBs
[ ] 500AGB [X] 500AGJ [ ] 500AGJs [ ] 250AGB [ ] 250CGB [ ] 250CGBs [ ] 1PB [ ] 1PBna [ ] 500PB
[ ] 250PB [ ] 250PBn [ ] 125PB [ ] 125PBzanna [ ] 100PJ [ ] 100PJna2 [ ] \_\_\_\_\_ [ ] \_\_\_\_\_ [ ] \_\_\_\_\_

Air: [ ] Tedlar® [ ] Summa® Other: [ ] \_\_\_\_\_ Trip Blank Lot#: N/A Labeled/Checked by: [Signature]

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

Preservative: h: HCL n: HNO3 na2:Na2S2O3 na: NaOH p: H3PO4 s: H2SO4 u: Ultra-pure zanna: ZnAc2+NaOH f: Filtered Scanned by: [Signature]

**APPENDIX C**  
**WASTE DISPOSAL DOCUMENTATION**

# NON-HAZARDOUS WASTE MANIFEST

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

|  |   |  |                              |   |  |  |                           |  |
|--|---|--|------------------------------|---|--|--|---------------------------|--|
| NON-HAZARDOUS WASTE GENERATOR  | <b>NON-HAZARDOUS WASTE MANIFEST</b>   |  | 1. Generator's US EPA ID No. |   | Manifest Document No. <b>ERI 2010</b>        | 2. Page 1 of 1                             |                           |  |
|  | 3. Generator's Name and Mailing Address<br><b>EMA 73006<br/>720 HIGH ST.<br/>OAKLAND, CA</b>                        |  |                              |   | <b>CARDNO ERI</b>                            |  |                           |  |
|  | 4. Generator's Phone ( )  |  |                              |   | 6. US EPA ID Number                          |  | A. State Transporter's ID |  |
|  | 5. Transporter 1 Company Name<br><b>CARDNO ERI</b>  |  |                              |   | 8. US EPA ID Number                          |  | B. Transporter 1 Phone    |  |
|  | 7. Transporter 2 Company Name   |  |                              |   | 10. US EPA ID Number                         |  | C. State Transporter's ID |  |
|  | 9. Designated Facility Name and Site Address<br><b>INSTRAT, INC.<br/>1105 C AIRPORT RD.<br/>RID VISTA, CA 94571</b> |  |                              |   | F. Facility's Phone<br><b>(707) 374-3834</b> |  | D. Transporter 2 Phone    |  |
|  | 11. WASTE DESCRIPTION   |  |                              |   | 12. Containers                               |  | 13. Total Quantity        |  |
|  | a. <b>NON-HAZ PURGE WATER</b>   |  |                              |   | No. <b>01</b> Type <b>POLY</b>               |  | Gal <b>299</b>            |  |
|  | b.  |  |                              |   |  |  |                           |  |
|  | c.  |  |                              |   |  |  |                           |  |
| d.   |   |  |                              |   |  |  |                           |  |
| G. Additional Descriptions for Materials Listed Above<br><b>BROWN, FINES, NO ODORS</b>   |   |  |                              | H. Handling Codes for Wastes Listed Above |  |  |                           |  |
| 15. Special Handling Instructions and Additional Information   |   |  |                              |   |  |  |                           |  |
| <b>16. GENERATOR'S CERTIFICATION:</b> 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                                       |                           |  |
| 17. Transporter 1 Acknowledgement of Receipt of Materials  |   |  |                              | Signature                                 |  | Date                                       |                           |  |
| Printed/Typed Name<br><b>Drew Haen</b>   |   |  |                              | Signature<br><i>[Signature]</i>           |  | Month <b>5</b> Day <b>3</b> Year <b>12</b> |                           |  |
| 18. Transporter 2 Acknowledgement of Receipt of Materials  |   |  |                              | Signature                                 |  | Date                                       |                           |  |
| Printed/Typed Name   |   |  |                              | Signature                                 |  | 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<br><b>INSTRAT INC</b>   |   |  |                              | Signature<br><i>[Signature]</i>           |  | Date                                       |                           |  |
| Printed/Typed Name<br><b>MICHAEL WHITEHEAD</b>   |   |  |                              | Signature<br><i>[Signature]</i>           |  | Month <b>5</b> Day <b>3</b> Year <b>12</b> |                           |  |

NON-HAZARDOUS WASTE FACILITY



**APPENDIX D**  
**FIELD DATA SHEETS**

**GROUNDWATER MONITORING AND SAMPLING  
FIELD WORK REQUEST**

Site #: 73006 Cardno ERI Project #: 2010C  
 Address: 720 High Street Date: Second and Fourth Quarters  
 City: Oakland Project Manager: Paula Sime

**WORK REQUESTED**

Perform quarterly groundwater monitoring and sampling at the above-referenced site in accordance with Cardno ERI and ExxonMobil procedures. The applicable wells for this event, the sampling order, and the necessary container types are listed below. Collect a bailer blank and hold analyses.

\*Wells previously inaccessible for sampling (covered in asphalt), may be available confirm well conditions.

**Sampling Order:**

| Well  | DTW | Sample | Containers  |
|-------|-----|--------|---|
| MW19B | Y   | Y      | (6) 40ml VOAs w/HCl, (2) 1/2-liter ambers unpreserved |
| MW18B | Y   | Y      | (6) 40ml VOAs w/HCl, (2) 1/2-liter ambers unpreserved |
| MW18A | Y   | Y      | (6) 40ml VOAs w/HCl, (2) 1/2-liter ambers unpreserved |
| MW16B | Y   | Y      | (6) 40ml VOAs w/HCl, (2) 1/2-liter ambers unpreserved |
| MW17A | Y   | Y      | (6) 40ml VOAs w/HCl, (2) 1/2-liter ambers unpreserved |
| MW6   | Y   | Y      | (6) 40ml VOAs w/HCl, (2) 1/2-liter ambers unpreserved |
| MW2   | Y   | Y      | (6) 40ml VOAs w/HCl, (2) 1/2-liter ambers unpreserved |
| MW17B | Y   | Y      | (6) 40ml VOAs w/HCl, (2) 1/2-liter ambers unpreserved |
| MW19A | Y   | Y      | (6) 40ml VOAs w/HCl, (2) 1/2-liter ambers unpreserved |
| MW14  | Y   | Y      | (6) 40ml VOAs w/HCl, (2) 1/2-liter ambers unpreserved |
| MW16A | Y   | Y      | (6) 40ml VOAs w/HCl, (2) 1/2-liter ambers unpreserved |
| MW3   | Y   | Y      | (6) 40ml VOAs w/HCl, (2) 1/2-liter ambers unpreserved |

**BILLING**

See Electronic FWR

# DAILY FIELD REPORT



PROJECT: 73006 JOB # + ACTIVITY: 2010C  
SUBJECT: M&S DATE: 4-25-12  
EQUIPMENT USED: \_\_\_\_\_ SHEET: \_\_\_\_\_ OF \_\_\_\_\_  
NAME: DH PROJECT MNGR: Paula

Onsite 0745

H&S w/SC 0745-0800

Open Wells 0800-0815

DTW Wells 0815-0845

Purge & Sampled: MW19a+b, MW17, A+B, MW16A+B  
MW3

Purge: 102

Decon: 20 gal

Total: 122

Offsite 1415

\* MW3 Had strong odor, sheen, and what looked like motor oil.



# DAILY FIELD REPORT



PROJECT: 73006 JOB # + ACTIVITY: 2010  
SUBJECT: QM DATE: 4-25-12  
EQUIPMENT USED: \_\_\_\_\_ SHEET: 1 OF \_\_\_\_\_  
NAME: Steve Church PROJECT MNGR: \_\_\_\_\_

|                                   |                               |
|-----------------------------------|-------------------------------|
| <u>Onsite 745</u>                 | <u>H&amp;S w Drew 745-800</u> |
| <u>OPEN 800-815</u>               | <u>Purge 157</u>              |
| <u>DTW 815-<del>845</del> 845</u> | <u>Decon 20</u>               |
| <u>Purge 859-1225</u>             | <u>Total 177</u>              |
| <u>Sample 930-1250</u>            |                               |

Sampled MW 18A, 18B, 6, 2, 14

Oil sheen in MW 3, MW 14

Offsite 1400

| GROUNDWATER MONITORING - FIELD LOG |            |     |                    |         |      |
|------------------------------------|------------|-----|--------------------|---------|------|
| ERI #                              | 2010       |     | QRT                | 2nd     |      |
| Client:                            | ExxonMobil |     | DATE:              | 4/25/12 |      |
| Site ID:                           | 7-3006     |     | TECH               | DH      |      |
| ADDRESS: 720 High St.              |            |     | PM:                | Paula   |      |
| Oakland, CA                        |            |     | Total Purge Volume |         |      |
|                                    |            | PRG |                    |         |      |
| WELL #                             | TIME       | VOL | TEMP               | COND    | pH   |
| BB                                 |            |     |                    |         |      |
| COMMENTS:                          |            |     |                    |         |      |
|                                    |            | PRG |                    |         |      |
| WELL #                             | TIME       | VOL | TEMP               | COND    | pH   |
| Mw19b                              | 9:07       | 4   |                    |         |      |
|                                    | 9:10       | 4   | 16.20              | 680.00  | 7.49 |
|                                    | 9:13       | 8   | 16.90              | 738.00  | 7.24 |
|                                    |            | 12  |                    |         |      |
|                                    |            |     |                    |         |      |
| TOTAL PURGE                        |            |     |                    |         |      |
| COMMENTS: dry @ 8 gal              |            |     |                    |         |      |
|                                    |            | PRG |                    |         |      |
| WELL #                             | TIME       | VOL | TEMP               | COND    | pH   |
| Mw16b                              | 9:35       | 3   |                    |         |      |
|                                    | 9:36       | 3   | 15.50              | 737.00  | 7.44 |
|                                    | 9:38       | 6   | 16.10              | 755.00  | 7.07 |
|                                    |            | 9   |                    |         |      |
|                                    |            |     |                    |         |      |
| TOTAL PURGE                        |            |     |                    |         |      |
| COMMENTS: dry @ 8 gal              |            |     |                    |         |      |
|                                    |            | PRG |                    |         |      |
| WELL #                             | TIME       | VOL | TEMP               | COND    | pH   |
| Mw17a                              | 10:09      | 2   |                    |         |      |
|                                    | 10:11      | 2   | 14.90              | 335.00  | 7.93 |
|                                    | 10:12      | 4   | 14.30              | 334.00  | 7.45 |
|                                    |            | 6   |                    |         |      |
|                                    |            |     |                    |         |      |
| TOTAL PURGE                        |            |     |                    |         |      |
| COMMENTS: dry @ 5 gal              |            |     |                    |         |      |
|                                    |            | PRG |                    |         |      |
| WELL #                             | TIME       | VOL | TEMP               | COND    | pH   |
| Mw17b                              | 10:18      | 3   |                    |         |      |
|                                    | 10:20      | 3   | 14.80              | 571.00  | 7.14 |

| GROUNDWATER MONITORING - FIELD LOG |            |     |                    |         |      |
|------------------------------------|------------|-----|--------------------|---------|------|
| ERI #                              | 2010       |     | QRT                | 2nd     |      |
| Client:                            | ExxonMobil |     | DATE:              | 4/25/12 |      |
| Site ID:                           | 7-3006     |     | TECH               | DH      |      |
| ADDRESS: 720 High St.              |            |     | PM:                | Paula   |      |
| Oakland, CA                        |            |     | Total Purge Volume |         |      |
|                                    | 10:22      | 6   | 15.30              | 593.00  | 7.10 |
|                                    | 10:24      | 9   | 15.60              | 612.00  | 7.02 |
|                                    |            |     |                    |         |      |
|                                    |            |     |                    |         |      |
| TOTAL PURGE                        |            |     |                    |         |      |
| COMMENTS:                          |            |     |                    |         |      |
|                                    |            |     |                    |         |      |
|                                    |            | PRG |                    |         |      |
| WELL #                             | TIME       | VOL | TEMP               | COND    | pH   |
| Mw19a                              | 11:10      | 2   |                    |         |      |
|                                    | 11:12      | 2   | 16.30              | 768.00  | 7.11 |
|                                    | 11:13      | 4   | 16.00              | 797.00  | 6.95 |
|                                    | 11:14      | 6   | 16.20              | 791.00  | 6.86 |
|                                    |            |     |                    |         |      |
|                                    |            |     |                    |         |      |
| TOTAL PURGE                        |            |     |                    |         |      |
| COMMENTS:                          |            |     |                    |         |      |
|                                    |            |     |                    |         |      |
|                                    |            | PRG |                    |         |      |
| WELL #                             | TIME       | VOL | TEMP               | COND    | pH   |
| Mw16a                              | 12:03      | 2   |                    |         |      |
|                                    | 12:05      | 2   | 15.70              | 495.00  | 7.96 |
|                                    | 12:06      | 4   | 15.20              | 480.00  | 7.34 |
|                                    | 12:07      | 6   | 15.10              | 4.83    | 7.24 |
|                                    |            |     |                    |         |      |
|                                    |            |     |                    |         |      |
| TOTAL PURGE                        |            |     |                    |         |      |
| COMMENTS:                          |            |     |                    |         |      |
|                                    |            |     |                    |         |      |
|                                    |            | PRG |                    |         |      |
| WELL #                             | TIME       | VOL | TEMP               | COND    | pH   |
| Mw3                                | 12:57      | 20  |                    |         |      |
|                                    | 13:12      | 20  | 15.70              | 978.00  | 7.51 |
|                                    | 13:25      | 40  | 16.60              | 1019.00 | 7.23 |
|                                    | 13:43      | 60  | 17.40              | 976.00  | 7.43 |
|                                    |            |     |                    |         |      |
|                                    |            |     |                    |         |      |
| TOTAL PURGE                        |            |     |                    |         |      |
| COMMENTS:                          |            |     |                    |         |      |



| Depth to Water Data |         | QRT      | 2                        | YEAR   | 2012                | Calc Case Volum  |                |
|---------------------|---------|----------|--------------------------|--|---------------------|------------------|----------------|
| ERI #               | 2010    |          |                          |  |                     | 2" WELL x 0.10   |                |
| Site #              | 7-3006  | Address: | 720 High St. Oakland, CA |  |                     | 4" WELL x 0.65   |                |
| PM:                 | Paula   |          |                          |  |                     | 6" WELL x 1.40   |                |
| Date:               | 4/25/12 |          |                          |  |                     | r (squared) x 0. |                |
| Tech: DH            |         |          |                          | Recharge formula:  |                     |                  |                |
| DTW Time            |         |          |                          | Step 1 ▶   | Calc 80% in feet ▶  | TD - PreDTW x    |                |
| Start:              |         |          |                          | Step 2 ▶   | Calc PostDTW (ft) ▶ | TD - PostDTW (   |                |
| Finish:             |         |          |                          | Take ratio of result from Step 2 and Step 1 to find % re |                     |                  |                |
| WELL ID             | TD      | PreDTW   | CASE D                   | CASE V   | PostDTW             | Rechrg<br>80%    | Sample<br>Time |
| MW 1                | 28.67   |          | 4                        | 18.6928  |                     | 100.00           |                |
| MW 2                | 35.00   | 4.77     | 4                        | 19.71  |                     | 115.78           |                |
| MW 3                | 35.00   | 5.63     | 4                        | 19.1492  | 11.29               | 80.73            |                |
| MW 4                | 35.00   |          | 4                        | 22.82  |                     | 100.00           |                |
| MW 6                | 35.00   | 4.35     | 4                        | 19.9838  |                     | 114.19           |                |
| MW 12               | 15.50   |          | 4                        | 10.106   |                     | 100.00           |                |
| MW 14               | 17.08   | 3.63     | 4                        | 8.7694   |                     | 126.99           |                |
| MW16A               | 12.50   | 4.62     | 2                        | 1.28444  | 4.64                | 99.75            | 12:45          |
| MW16B               | 24.00   | 7.74     | 2                        | 2.65038  | 8.22                | 97.05            | 12:30          |
| MW17A               | 13.00   | 4.67     | 2                        | 1.35779  | 5.53                | 89.68            | 10:45          |
| MW17B               | 26.00   | 8.39     | 2                        | 2.87043  | 9.24                | 95.17            | 11:00          |
| MW18A               | 14.00   | 3.51     | 2                        | 1.70987  |                     | 133.46           |                |
| MW18B               | 31.00   | 4.66     | 2                        | 4.29342  |                     | 117.69           |                |
| MW19A               | 14.00   | 4.23     | 2                        | 1.59251  | 5.03                | 91.81            | 12:00          |
| MW19B               | 24.00   | 4.78     | 2                        | 3.13286  | 5.21                | 97.76            | 11:30          |

