**ExxonMobil**
**Environmental Services Company**
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**Jennifer C. Sedlachek**
Project Manager

ExxonMobil

August 22, 2008

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

**RE: Former Exxon RAS #70235/2225 Telegraph Avenue, Oakland California.**

Dear Ms. Jakub:

Attached for your review and comment is a copy of the letter report entitled ***Work Plan for Groundwater Assessment,*** dated August 22, 2008, for the above-referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Petaluma, California, and details proposed activities pertaining to the subject site.

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

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

Sincerely,

Jennifer C. Sedlachek
Project Manager

Attachment: ERI's Work Plan for Groundwater Assessment, dated August 22, 2008

cc: w/ attachment
Mr. Robert C. Elhers, M.S., P.E., The Valero Companies, Environmental Liability Management

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

VALUE, QUALITY, RESPONSE

*Southern California*
*Northern California*
*Pacific Northwest*
*Southwest*
*Texas*
*Montana*

August 22, 2008
ERI 222903.W05

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

**SUBJECT** **Work Plan for Groundwater Assessment**
Former Exxon Service Station 70235
2225 Telegraph Avenue, Oakland, California

Ms. Sedlachek:

At the request of ExxonMobil Environmental Services Company, on behalf of ExxonMobil Oil Corporation (ExxonMobil), Environmental Resolutions, Inc. (ERI) prepared this work plan for the subject site. The purpose of the work is to assess the lateral and vertical extent of residual adsorbed-phase and dissolved-phase fuel constituents beneath the site in preparation for completion and submittal of a corrective action plan to the Alameda County Health Care Services Agency Department of Environmental Health (the ACEH). The proposed work consists of the advancement of three paired CPT and Hydropunch® (HP)-type borings (CPT1 through CPT3 and HP1 through HP3) and two dual-wall direct-push (DP) borings (DP1 and DP2).

## SITE DESCRIPTION

Former Exxon Service Station 70235 is located at 2225 Telegraph Avenue, on the eastern corner of Telegraph Avenue and West Grand Avenue, Oakland, California, as depicted on the Site Vicinity Map (Plate 1). The site is at an elevation of approximately 20 feet above msl and the surrounding area is a mix of industrial and residential properties.

The site is an active retail service station. Texaco Refining and Marketing, Incorporated operated the station from 1963 until 1988 when the site property was transferred to ExxonMobil. ExxonMobil sold the site to Valero Refining Company in 2000. In 2001, Valero sold the site to Mr. Lam Truong who currently owns and operates the station.

## GEOLOGY AND HYDROGEOLOGY

The site is located along the eastern margin of the San Francisco Bay within the East Bay Plain (Hickenbottom and Muir, 1988). The surficial deposits in the site vicinity are mapped as Merritt Sand consisting of fine-grained, very well sorted, well-drained eolian deposits of the Pleistocene and Holocene age (Graymer, 2000). The active northwest trending Hayward fault is located approximately 3½ miles east of the site.

The East Bay Plain is regionally divided into two major groundwater basins: the San Pablo and the San Francisco Basin. These basins are tectonic depressions that are filled primarily with a sequence of coalescing alluvial fans. The San Francisco Basin is further divided into seven sub-areas. The site is located in the Oakland Sub-Area, which is filled primarily by alluvial deposits that range from 300 to 700 feet thick without well-defined aquitards (CRWQCB, 1999). Under natural conditions, the direction of groundwater flow in the East Bay Plain is east to west and correlates with topography.

The site is located approximately 2,200 feet west of the Lake Merritt. Lake Merritt is connected to the Oakland Inner Harbor to the west, which connects to the San Francisco Bay. The San Francisco Bay is located approximately 2.7 miles west and 3.5 miles south of the site. Groundwater flow direction is predominantly to the southwest towards the San Francisco Bay, consistent with site data and the local topography. Groundwater recharge of the East Bay Plain occurs by infiltration from precipitation, irrigation, pipe leakage, and stream flow.

## PREVIOUS WORK

### Fueling System Activities

The site currently dispenses Regular, Plus, and Premium Unleaded gasoline and diesel. The locations of the USTs, dispenser islands, and other select site features are shown on the Generalized Site Plan (Plate 2).

In November of 1991 three single-walled USTs and their associated piping were removed and replaced with double-walled fiberglass tanks and piping. The existing UST cavity was enlarged to accommodate the new USTs (EA, 1992).

**Site Assessment Activities**

Multiple phases of assessment have been conducted from 1988 to the present, including the advancement of seven soil-gas probes and 22 soil borings and the installation of two vapor extraction wells, four recovery wells (RW1 through RW3 and RW3A), and 10 groundwater monitoring wells (MW6A through MW6J) (Alton, 1991; ERI, 2000, 2001a, 2002, 2007; HLA, 1988, 1989, 1990, 1992). Wells MW6A and RW3 were destroyed in conjunction with assessment activities (ERI, 2002; HLA, 1992). Results of the assessment indicated maximum residual adsorbed-phase TPHg, benzene, and MTBE concentrations of 11,000 mg/kg, 130 mg/kg, and 0.016 mg/kg, respectively. Residual adsorbed-phase TPHg and benzene are primarily present in the soils from surface to 13.5 feet bgs around the northern dispenser islands and the northeastern portion of the site (borings B1A, B3A, B1, B2, MW6H, TG2, and TG3). Residual MTBE was reported in soil samples collected from boring B9 along the eastern edge of the site. A detailed description of site conditions is presented in ERI's *Site Conceptual Model*, dated May 29, 2007 (ERI, 2007b). Cumulative soil data is presented in Tables 1A through 1C.

**Remediation Activities**

In November and December 1991, the product USTs were removed and the former tank pit was enlarged to accommodate the new product USTs; an area approximately 45 by 33 feet to 13.5 feet bgs was excavated. Concentrations of TPHg up to 10,000 mg/kg (TG2, 13 feet bgs) and benzene up to 130 mg/kg (TG2, 13 feet bgs) were reported in soil samples collected from the base of the excavation. Concentrations of TPHg up to 660 mg/kg (TG12, 12 feet bgs) and benzene up to 4.3 mg/kg (TG12, 12 feet bgs) were reported in the sidewall soil samples of the enlarged cavity (EA, 1992).

A groundwater remediation system extracted, treated, and discharged approximately 307,000 gallons of groundwater between fourth quarter 1990 and the end of first quarter 1992 (HLA, 1992). As of November 15, 1993, approximately 583,679 gallons of groundwater was discharged (Texaco, 1994).

On September 11, 2001, ERI conducted a DPE test. A total of 9,000 gallons of groundwater was extracted and treated during the nine day DPE test. The average extraction rate for the test was 1.06 gpm. Approximately 187.5 pounds of TPHg and 2.36 pounds of MTBE were removed during the DPE feasibility test. A total of 0.329 pound of TPHg and 0.0374 pound of MTBE were removed by groundwater extraction during the DPE test (ERI, 2001b). The results of the DPE test indicated that DPE is a feasible remedial alternative for the site.

**Groundwater Monitoring Activities**

Quarterly groundwater monitoring was implemented at the site in 1988. NAPL has not been encountered. Dissolved-phase TPHg, benzene, and MTBE extend from the east-northeastern portion of the site off site into the public right-of-way, with the maximum concentrations reported in samples collected from wells RW1 and MW6H and boring B9. During the monitoring program, fuel constituent concentrations detected in samples collected from wells MW6E, MW6F, and MW6I have declined to concentrations at or below the laboratory reporting limit. Cumulative grab groundwater analytical data is summarized in Tables 2A through 2C. Cumulative groundwater monitoring and sampling data are summarized in Tables 3A and 3B. The second quarter 2008 groundwater monitoring figures are included as Plates 3 and 4. Well details are summarized in Table 4.

## PROPOSED WORK

In preparation for submittal of a corrective action plan, additional assessment is needed to evaluate the vertical extent of residual adsorbed-phase and dissolved-phase fuel constituents along the eastern edge of the site.

The proposed work consists of the advancement of three paired CPT and HP borings (CPT1 through CPT3 and HP1 through HP3) and one dual-wall DP boring (DP1). The proposed boring locations are depicted on Plate 5.

**Pre-Field Activities**

Prior to the onset of drilling activities, a well installation permit will be obtained from the Alameda County Public Works Agency (ACWPA). ERI personnel will visit the site to check for obstructions and to mark the proposed locations. Underground Service Alert, the ACPWA, and the ACEH will be notified at least 48 hours prior to the beginning of field activities. Prior to drilling, the locations will be excavated using a hand auger or vacuum excavation equipment to 8 feet bgs to ensure that there are not subsurface obstructions near the potential path of the rods.

**Drilling and Sampling Activities**

The proposed CPT and HP borings will be drilled using direct-push technology. Borings CPT1 through CPT3 will be advanced to depths of 50 feet bgs to identify subsurface sediments and potential water-bearing intervals. Pore pressure testing will be conducted at selected intervals to evaluate vertical gradient between water-bearing zones. ERI personnel will evaluate the CPT logs prior to advancing the

HP borings (HP1 through HP3) adjacent to each CPT boring and collecting water samples from within identified water-bearing zones for laboratory analysis.

The DP borings (DP1 and DP2) will be advanced to a depth of approximately 30 feet bgs to collect continuous soil samples from the borings to correlate soil stratigraphy with the CPT logs and screen for VOCs using a PID. ERI personnel will classify soil samples using visual and manual methods according to the USCS and construct boring logs. Select soil samples will be submitted for laboratory analysis at approximately 5-foot intervals and at locations where PID screening indicates the possible presence of residual hydrocarbons.

Field procedures are described in the field protocol presented in Appendix A. The fieldwork will be conducted under the advisement of a State of California professional geologist and in accordance with applicable regulatory guidelines.

**Laboratory Analyses**

Select soil and grab groundwater samples will be submitted for analysis to an ExxonMobil-approved, state-certified analytical laboratory. The samples will be analyzed for TPHg, TPHd, and TPHmo by EPA Method 8015B and BTEX, MTBE, oxygenated compounds (ETBE, TAME, TBA, and DIPE), lead scavengers (EDB and 1,2-DCA), and ethanol by EPA Method 8260B.

**Waste Management Plan**

The soil and decontamination water generated during drilling activities will be temporarily stored on site in DOT-approved, 55-gallon drums. Soil cuttings and decontamination water will be transported to ExxonMobil-approved facilities following laboratory analysis and characterization. Copies of the waste manifests for disposal of soil and water will be included in the report.

**Site Safety Plan**

Fieldwork will be performed in accordance with the site-specific safety plan.

**Report**

After completion of the field activities and receipt of analytical results, a report summarizing field and laboratory procedures, boring logs, and laboratory results will be submitted to ExxonMobil and the ACEH.

## CONTACT INFORMATION

The responsible party contact is Ms. Jennifer C. Sedlachek ExxonMobil Environmental Services Company, 4096 Piedmont Avenue #194, Oakland, California 94611. The consultant contact is Ms. Paula Sime, Environmental Resolutions, Inc., 601 N. McDowell Boulevard, Petaluma, California 94954. The agency contact is 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.

## LIMITATIONS

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

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

For any questions concerning the content of this work plan, please contact Ms. Paula Sime at (707) 766-2000.


Sincerely,

Environmental Resolutions, Inc.



Rebekah A. Westrup

Senior Staff Geologist

Heidi L. Dieffenbach-Carle

P.G. 6793

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. Robert C. Ehlers, M.S., P.E., The Valero Companies, Environmental Liability Management, 685 West Third Street, Hanford, California 93230

Enclosures:

References

Acronym List

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| Plate 5 | Select Analytical Results – June 26, 2008 |
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| Table 2A | Cumulative Laboratory Analytical Results of Grab Groundwater Samples |
| Table 2B | Additional Cumulative Laboratory Analytical Results of Grab Groundwater Samples -VOCs |
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| Table 3A | Cumulative Groundwater Monitoring and Sampling Data |
| Table 3B | Additional Cumulative Groundwater Monitoring and Sampling Data |
| Table 4 | Well Construction Details |
| Appendix A | Field Protocol |

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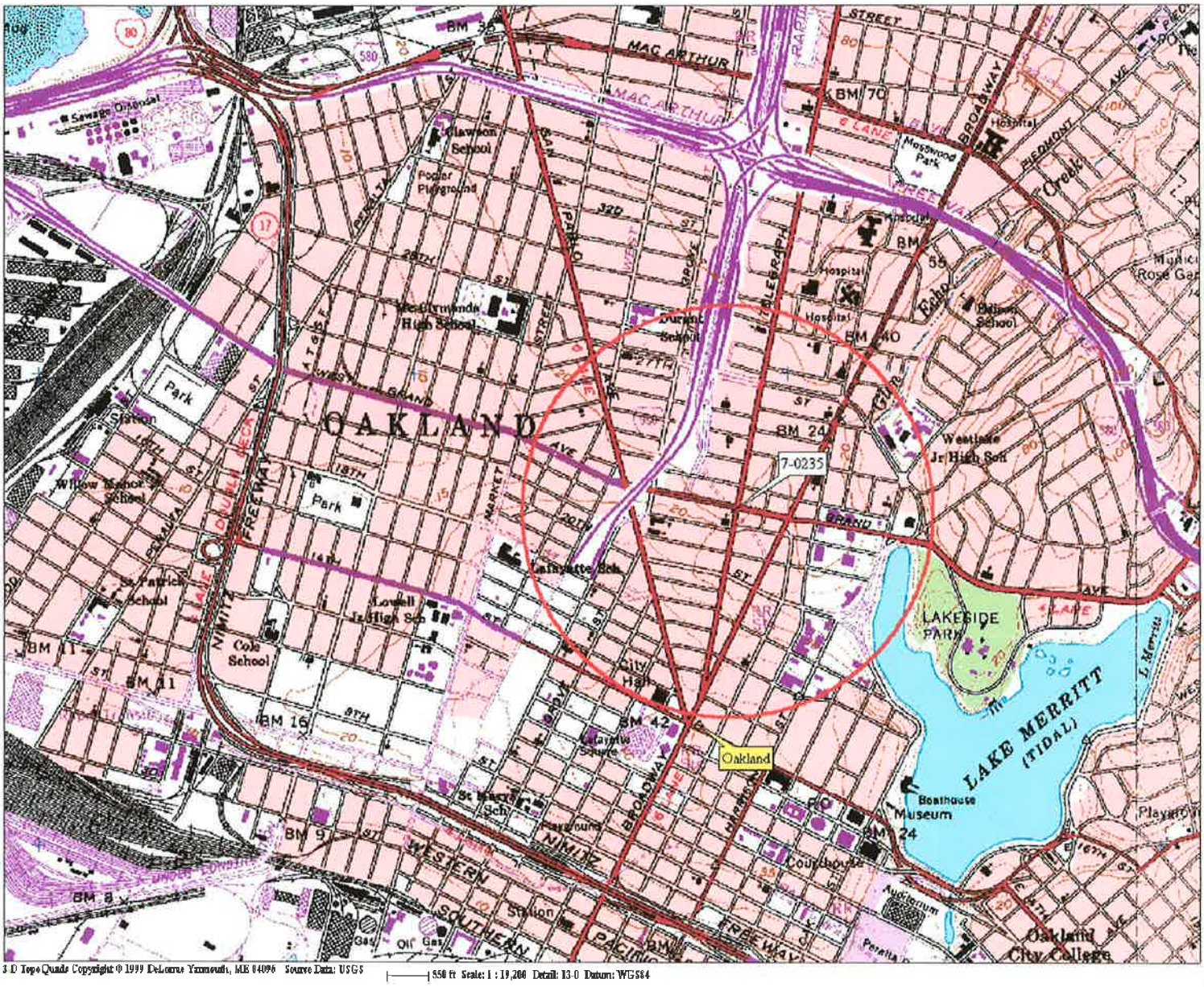
## ACRONYM LIST

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




FN 2229Topo

J:\2229\2229 Topo.Dwg, mkjones

## EXPLANATION

1/2-mile radius circle

N

## APPROXIMATE SCALE

0 0.5 1 mile

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

ERI
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# SITE VICINITY MAP

FORMER EXXON SERVICE STATION 70235
2225 Telegraph Avenue
Oakland, California

**PROJECT NO.** 2229

**PLATE** 1


APPROXIMATE SCALE

0 50 100 Feet

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ERI

VALUE. QUALITY. RESPONSE

# GENERALIZED SITE PLAN

FORMER EXXON SERVICE STATION 70235
2225 Telegraph Avenue
Oakland, California

EXPLANATION

- MW6J — Groundwater Monitoring Well
- RW3A — Recovery Well
- SB10 — Soil Boring
- GP2 — Geoprobe

**PROJECT NO.** 2229

**PLATE** 2

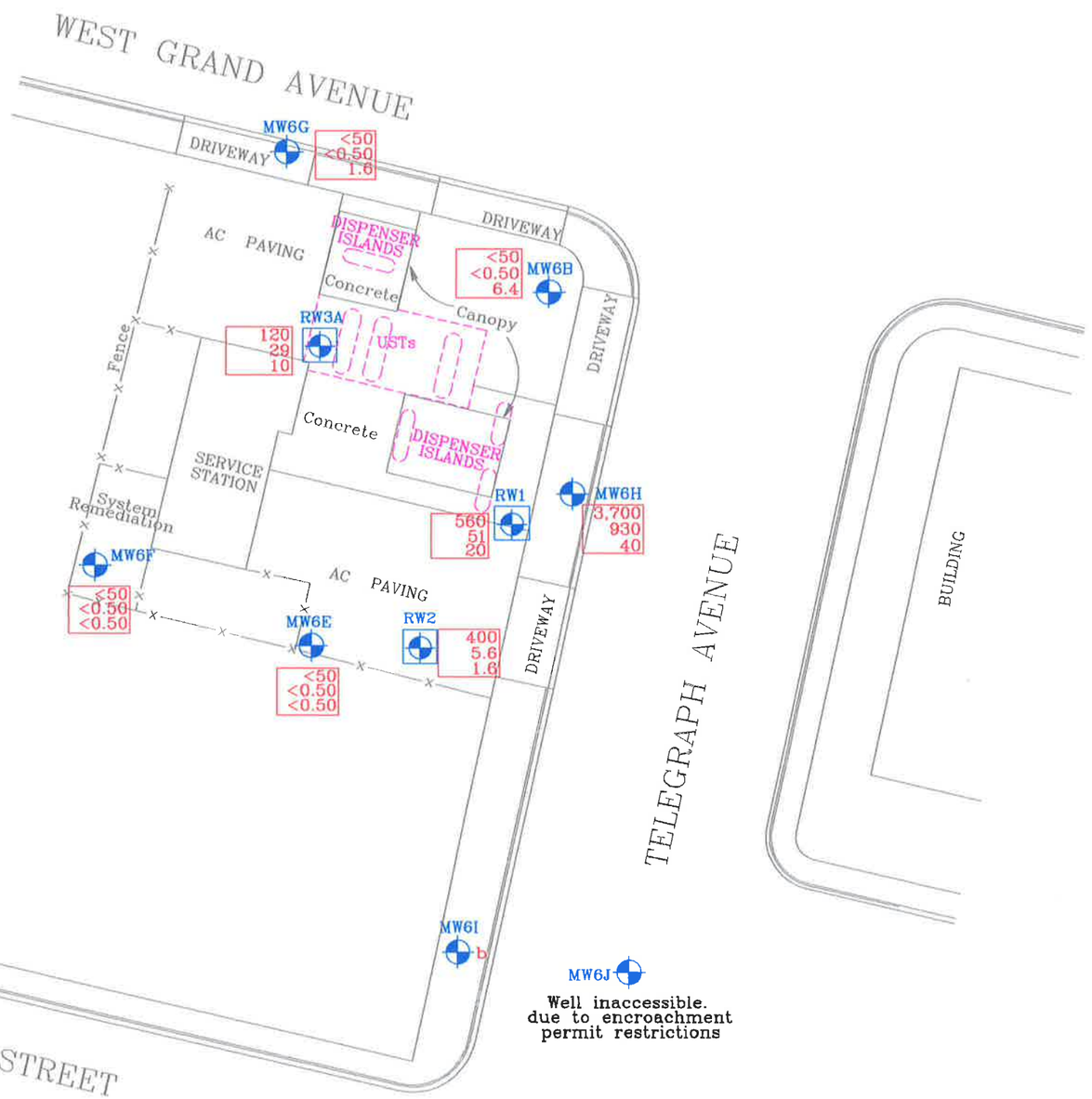
Analyte Concentrations in ug/L
Sampled June 26, 2008

3,700 Total Petroleum Hydrocarbons as gasoline
930 Benzene
40 Methyl Tertiary Butyl Ether (EPA Method 8260B)

< Less Than the Stated Laboratory Reporting Limit

ug/L Micrograms per Liter

b Well sampled semi-annually.




APPROXIMATE SCALE

0 40 80
Feet

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FN 2229 08 W05 2QTR QM_SP

ERI
VALUE, QUALITY, RESPONSE

# SELECT ANALYTICAL RESULTS
## June 26, 2008
FORMER
EXXON SERVICE STATION 70235
2225 Telegraph Avenue
Oakland, California

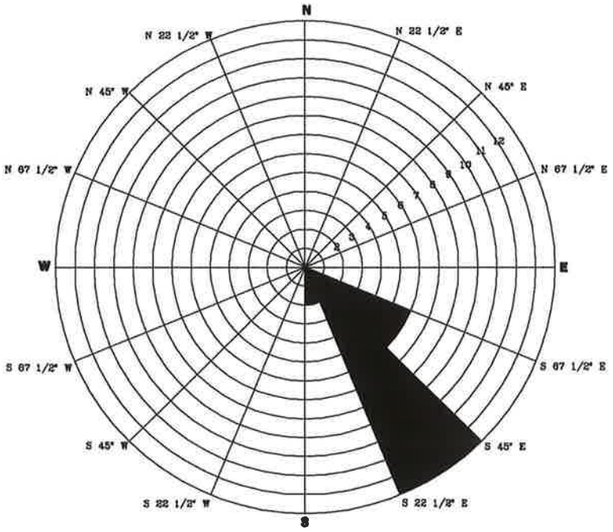
EXPLANATION

MW6I Groundwater Monitoring Well

RW3A Recovery Groundwater Monitoring Well

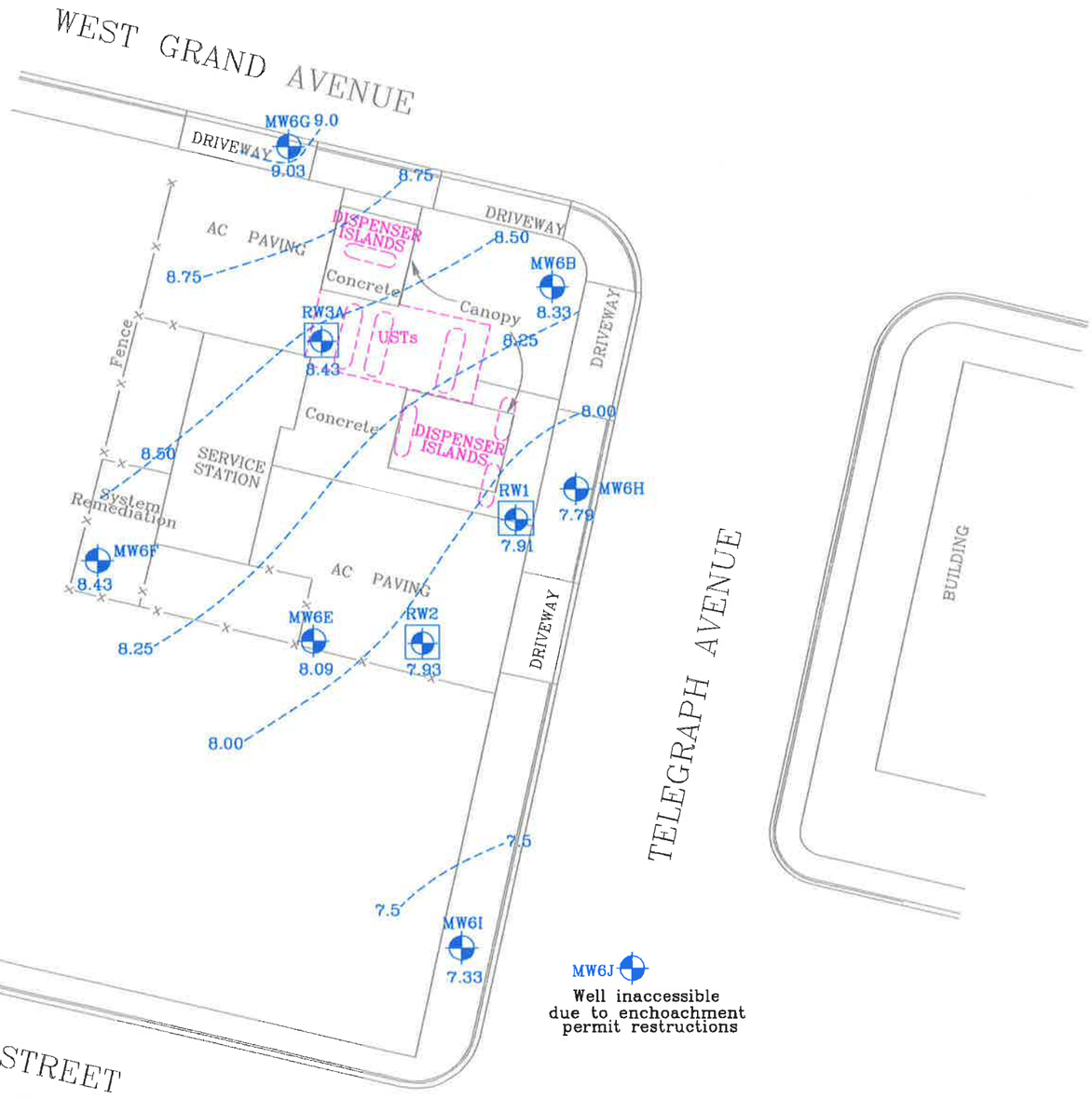
**PROJECT NO.** 2229

**PLATE** 3




**GROUNDWATER FLOW DIRECTION ROSE DIAGRAM**

Second Quarter 2003–Second Quatrer 2008.




APPROXIMATE SCALE

0 40 80 Feet

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FN 2229 08 W05 2QTR QM_SP

9.0 ---- Line of Equal Groundwater Elevation; datum is mean sea level

ERI

VALUE, QUALITY, RESPONSE

# GROUNDWATER ELEVATION MAP
## June 26, 2008
FORMER
EXXON SERVICE STATION 70235
2225 Telegraph Avenue
Oakland, California

EXPLANATION

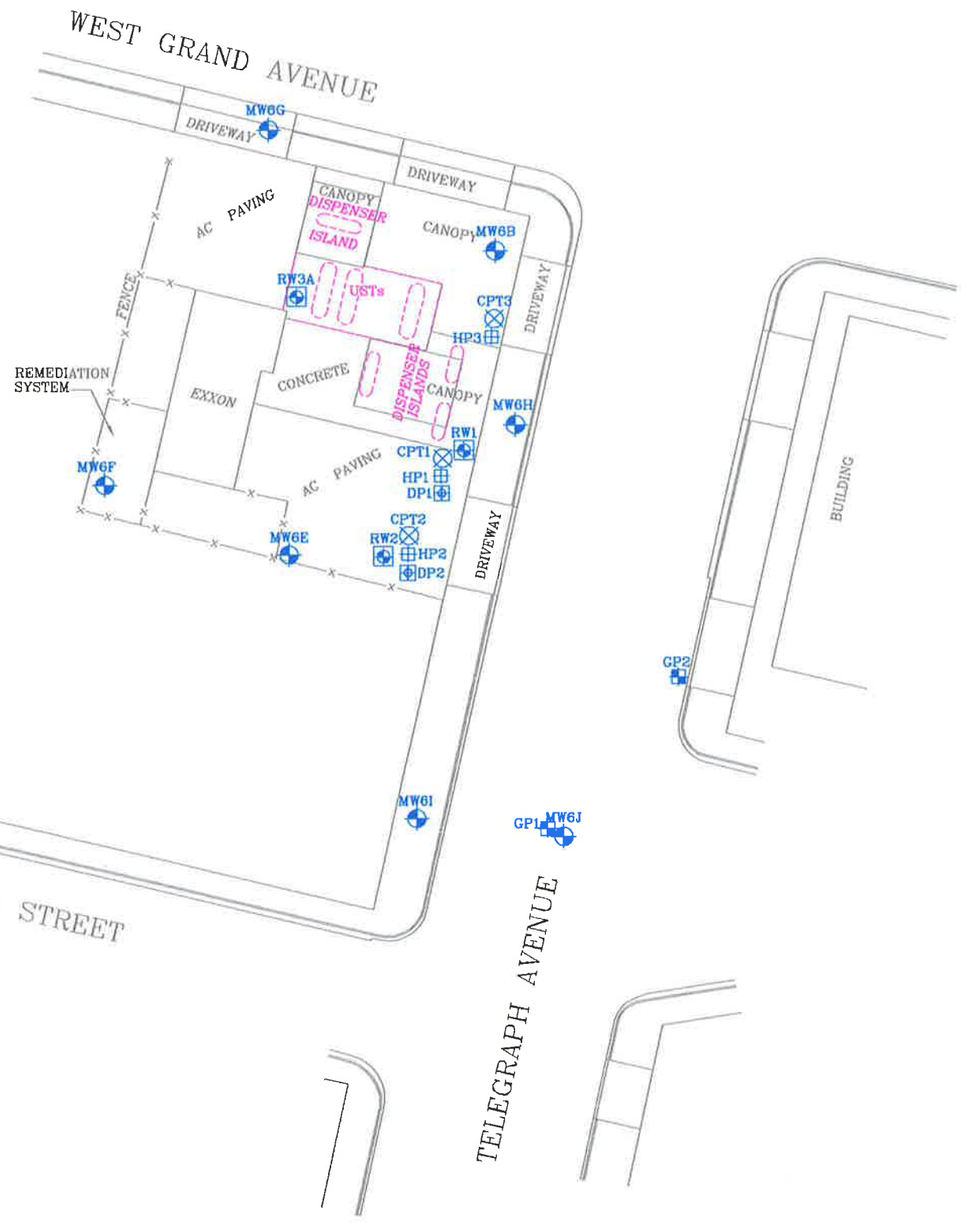
MW6I — Groundwater Monitoring Well

7.33 — Groundwater elevation in feet; datum is mean sea level

RW3A — Recovery Groundwater Monitoring Well

**PROJECT NO.** 2229

**PLATE** 4




APPROXIMATE SCALE

0 50 100 Feet

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VALUE, QUALITY, RESPONSE

# PROPOSED BORING LOCATIONS

FORMER EXXON SERVICE STATION 70235
2225 Telegraph Avenue
Oakland, California

EXPLANATION

- MW6J — Groundwater Monitoring Well
- RW3A — Recovery Well
- GP2 — Geoprobe
- CPT3 — Proposed Cone Penetration Test Boring
- HP3 — Proposed Hydropunch
- DP2 — Proposed Direct Puch Boring

**PROJECT NO.** 2229

**PLATE** 5

**TABLE 1A**
**CUMULATIVE LABORATORY ANALYTICAL RESULTS OF SOIL SAMPLES**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Sample ID | Sample Date | Depth (feet bgs) | TPHd (mg/kg) | TPHg (mg/kg) | MTBE (mg/kg) | B (mg/kg) | T (mg/kg) | E (mg/kg) | X (mg/kg) | Total Lead (mg/kg) | HVOCs (mg/kg) | TPHmo (mg/kg) | TOG (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Soil Boring Samples** | | | | | | | | | | | | | |
| B-1 (HLA) | 10/04/88 | 8.0 | --- | <10 | --- | 0.05 | <0.1 | <0.2 | <0.1 | --- | --- | --- | --- |
| B-1 (HLA) | 10/04/88 | 13.0 | --- | 2,000 | --- | <5 | 16 | 10 | 41 | --- | --- | --- | --- |
| B-2 (HLA) | 10/04/88 | 7.0 | --- | <10 | --- | <0.05 | <0.1 | <0.2 | <0.1 | --- | --- | --- | --- |
| B-2 (HLA) | 10/04/88 | 13.5 | --- | <10 | --- | <0.05 | <0.1 | <0.2 | <0.1 | --- | --- | --- | --- |
| B-3 (HLA) | 10/04/88 | 7.0 | --- | <10 | --- | 0.06 | <0.1 | <0.2 | <0.1 | --- | --- | --- | --- |
| B-3 (HLA) | 10/04/88 | 13.5 | --- | 11,000 | --- | 40 | 390 | 84 | 370 | --- | --- | --- | --- |
| B-4 (HLA) | 11/17/88 | 13.5 | --- | <10 | --- | <0.05 | <0.1 | <0.2 | <0.1 | --- | --- | --- | --- |
| B-5 (HLA) | 1989-1992e | 5.5 | --- | ND | --- | ND | ND | ND | ND | --- | --- | --- | --- |
| B-5 (HLA) | 1989-1992e | 9.5 | --- | ND | --- | ND | ND | ND | ND | --- | --- | --- | --- |
| B-5 (HLA) | 1989-1992e | 12.5 | --- | ND | --- | ND | ND | ND | ND | --- | --- | --- | --- |
| B-6 (HLA) | 1989-1992e | 6.0 | --- | ND | --- | ND | ND | ND | ND | --- | --- | --- | --- |
| B-6 (HLA) | 1989-1992e | 9.5 | --- | ND | --- | ND | ND | ND | ND | --- | --- | --- | --- |
| B-6 (HLA) | 1989-1992e | 12.0 | --- | 3,000 | | 40 | 40 | 110 | 450 | --- | --- | --- | --- |
| B-7 (HLA) | 1989-1992e | 6.0 | --- | 24 | --- | 0.64 | 0.4 | 0.9 | 3.4 | --- | --- | --- | --- |
| B-7 (HLA) | 1989-1992e | 9.5 | --- | ND | --- | 0.5 | ND | 0.7 | 1.0 | --- | --- | --- | --- |
| B-7 (HLA) | 1989-1992e | 12.0 | --- | 1,400 | --- | 20 | 20 | 72 | 190 | --- | --- | --- | --- |
| B-1 (Alton) | 03/19/91 | 5.5 | --- | 240 | --- | 1.2 | 0.87 | 11 | 7.7 | --- | --- | --- | --- |
| B-1 (Alton) | 03/19/91 | 10.5 | --- | 10,000 | --- | 81 | 660 | 310 | 1,600 | --- | --- | --- | --- |
| B-1 (Alton) | 03/19/91 | 15.5 | --- | 4,400 | --- | 8.4 | 77 | 56 | 310 | --- | --- | --- | --- |
| B-2 (Alton) | 03/19/91 | 5.5 | --- | 880 | --- | 1.0 | 7.2 | 11 | 47 | --- | --- | --- | --- |
| B-2 (Alton) | 03/19/91 | 10.5 | --- | 2,400 | --- | 3.5 | 38 | 26 | 150 | --- | --- | --- | --- |
| B-2 (Alton) | 03/19/91 | 14.5 | --- | 9,900 | --- | 33 | 170 | 150 | 980 | --- | --- | --- | --- |
| B-3 (Alton) | 03/19/91 | 5.5 | --- | <1.0 | --- | <0.003 | <0.003 | <0.003 | <0.003 | --- | --- | --- | --- |
| B-3 (Alton) | 03/19/91 | 10.5 | --- | 11 | --- | 0.022 | 0.14 | 0.18 | 3.2 | --- | --- | --- | --- |
| B-4 (Alton) | 03/19/91 | 5.5 | --- | <1.0 | --- | 0.036 | <0.003 | <0.003 | <0.003 | --- | --- | --- | --- |
| B-4 (Alton) | 03/19/91 | 10.5 | --- | 7 | --- | 0.370 | 0.15 | 0.18 | 0.93 | --- | --- | --- | --- |
| B-5 (Alton) | 03/19/91 | 5.5 | --- | 310 | --- | 0.82 | 3.6 | 4.2 | 22 | --- | --- | --- | --- |
| B-5 (Alton) | 03/19/91 | 10.5 | --- | 40 | --- | 0.69 | 1.4 | 0.58 | 3.2 | --- | --- | --- | --- |

**TABLE 1A**
**CUMULATIVE LABORATORY ANALYTICAL RESULTS OF SOIL SAMPLES**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Sample ID | Sample Date | Depth (feet bgs) | TPHd (mg/kg) | TPHg (mg/kg) | MTBE (mg/kg) | B (mg/kg) | T (mg/kg) | E (mg/kg) | X (mg/kg) | Total Lead (mg/kg) | HVOCs (mg/kg) | TPHmo (mg/kg) | TOG (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B-6 (Alton) | 03/19/91 | 5.5 | --- | <1.0 | --- | 0.054 | 0.003 | 0.005 | 0.011 | --- | --- | --- | --- |
| B-6 (Alton) | 03/19/91 | 10.5 | --- | 2 | --- | 0.15 | 0.067 | 0.019 | 0.09 | --- | --- | --- | --- |
| B-7 (Alton) | 03/19/91 | 5.5 | --- | <1.0 | --- | <0.003 | <0.003 | <0.003 | <0.003 | --- | --- | --- | --- |
| B-7 (Alton) | 03/19/91 | 10.5 | --- | <1.0 | --- | <0.003 | <0.003 | <0.003 | <0.003 | --- | --- | --- | --- |
| B-8 (Alton) | 03/19/91 | 5.5 | --- | <1.0 | --- | <0.003 | <0.003 | <0.003 | <0.003 | --- | --- | --- | --- |
| B-8 (Alton) | 03/19/91 | 10.5 | --- | <1.0 | --- | 0.048 | 0.013 | <0.003 | 0.025 | --- | --- | --- | --- |
| B-9 (Alton) | 03/19/91 | 5.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | <50 |
| B-9 (Alton) | 03/19/91 | 10.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | <50 |
| B-9 (Alton) | 03/19/91 | 14.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | <50 |
| B-10 (Alton) | 03/19/91 | 5.5 | --- | <1.0 | --- | 0.085 | <0.003 | 0.006 | <0.003 | --- | --- | --- | --- |
| B-10 (Alton) | 03/19/91 | 10.5 | --- | 2 | --- | 0.27 | 0.075 | 0.026 | 0.1 | --- | --- | --- | --- |
| S-9-GP1 | 03/29/00 | 9.0 | --- | <1 | <0.001a | <0.001 | <0.001 | <0.001 | <0.001 | --- | --- | --- | --- |
| S-11-GP1 | 03/29/00 | 11.0 | --- | <1 | <0.001a | <0.001 | <0.001 | <0.001 | <0.001 | --- | --- | --- | --- |
| S-9-GP2 | 03/29/00 | 9.0 | --- | <1 | <0.001a | <0.001 | <0.001 | <0.001 | <0.001 | --- | --- | --- | --- |
| S-11-GP2 | 03/29/00 | 11.0 | --- | <1 | <0.001a | <0.001 | <0.001 | <0.001 | <0.001 | --- | --- | --- | --- |
| MW-6E | 10/05/88 | 13.0 | --- | <10 | --- | <0.05 | <0.1 | <0.2 | <0.1 | --- | --- | --- | --- |
| MW-6F | 10/05/88 | 13.0 | --- | <10 | --- | <0.05 | <0.1 | <0.2 | <0.1 | --- | --- | --- | --- |
| MW-6G | 11/16/88 | 13.5 | --- | 5.2 | --- | <0.05 | <0.1 | <0.2 | <0.1 | --- | --- | --- | --- |
| MW-6H | 11/16/88 | 13.5 | --- | 1,000 | --- | <0.5 | 3.2 | 3.2 | 19 | --- | --- | --- | --- |
| MW-6I | 11/17/88 | 13.5 | --- | <10 | --- | <0.05 | <0.1 | <0.2 | <0.1 | --- | --- | --- | --- |
| S-5-MW6J | 04/06/01 | 5.0 | <2 | <1 | <0.01 | <0.001 | <0.001 | <0.001 | <0.001 | --- | --- | <10 | --- |
| S-10-MW6J | 04/06/01 | 10.0 | <2 | <5 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | --- | --- | <10 | --- |
| S-15-MW6J | 04/06/01 | 15.0 | <2 | <1 | <0.01 | <0.001 | <0.001 | <0.001 | <0.001 | --- | --- | <10 | --- |
| S-20-MW6J | 04/06/01 | 20.0 | <2 | <1 | <0.01 | <0.001 | <0.001 | 0.013 | 0.037 | --- | --- | <10 | --- |
| S-5-B5 | 03/01/07 | 5.0 | 1.6c,d | <0.10 | <0.0050 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | --- | --- | <10 | --- |
| S-5-B7 | 03/05/07 | 5.0 | <1.0 | <0.10 | <0.0050 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | --- | --- | <10 | --- |
| S-10-B7 | 03/05/07 | 10.0 | <1.0 | <0.10 | <0.0050 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | --- | --- | <10 | --- |
| S-15-B7 | 03/05/07 | 15.0 | <1.0 | <0.10 | <0.0050 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | --- | --- | <10 | --- |
| S-16.5-B7 | 03/05/07 | 16.5 | <1.0 | <0.10 | <0.0050 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | --- | --- | <10 | --- |
| S-19-B7 | 03/05/07 | 19.0 | 1.0c | <0.10 | <0.0050 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | --- | --- | <10 | --- |
| S-21-B7 | 03/05/07 | 21.0 | <1.0 | <0.10 | <0.0050 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | --- | --- | <10 | --- |

**TABLE 1A**
**CUMULATIVE LABORATORY ANALYTICAL RESULTS OF SOIL SAMPLES**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Sample ID | Sample Date | Depth (feet bgs) | TPHd (mg/kg) | TPHg (mg/kg) | MTBE (mg/kg) | B (mg/kg) | T (mg/kg) | E (mg/kg) | X (mg/kg) | Total Lead (mg/kg) | HVOCs (mg/kg) | TPHmo (mg/kg) | TOG (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-5-B8 | 03/01/07 | 5.0 | 1.2c,d | <0.10 | <0.0050 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | --- | --- | <10 | --- |
| S-10-B8 | 03/01/07 | 10.0 | <1.0 | <0.10 | <0.0050 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | --- | --- | <10 | --- |
| S-5-B9 | 03/02/07 | 5.0 | 1.3c,d | <0.10 | <0.0050 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | --- | --- | <10 | --- |
| S-10-B9 | 03/02/07 | 10.0 | 1.8c,d | 1.3 | 0.016 | 0.13 | 0.11 | 0.042 | 0.17 | --- | --- | <10 | --- |
| S-11-B9 | 03/02/07 | 11.0 | 1.8c,d | 12 | <0.0050 | 0.18 | 0.36 | 0.22 | 0.92 | --- | --- | <10 | --- |
| S-15-B9 | 03/06/07 | 15.0 | <1.0 | 1.9 | 0.0067 | 0.48 | 0.032 | 0.042 | 0.12 | --- | --- | <10 | --- |
| S-19.5-B9 | 03/06/07 | 19.5 | <1.0 | <0.10 | 0.0050 | 0.0068 | <0.0010 | <0.0010 | <0.0010 | --- | --- | <10 | --- |
| S-23.5-B9 | 03/06/07 | 23.5 | <1.0 | <0.10 | <0.0050 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | --- | --- | <10 | --- |
| S-29.5-B9 | 03/06/07 | 29.5 | <1.0 | <0.10 | <0.0050 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | --- | --- | <10 | --- |
| **Fuel Dispenser Samples** | | | | | | | | | | | | | |
| AB-1 | 1988-1992e | 8.0 | --- | 65 | --- | 1.9 | 3.4 | 1.0 | 4.2 | --- | --- | --- | --- |
| AB-2 | 1988-1992e | Surface | --- | 7,200 | --- | <0.0025 | 43 | 14 | 140 | --- | --- | --- | --- |
| AB-2 | 1988-1992e | 2.0 | --- | 78 | --- | 0.83 | 2.1 | 0.76 | 4.0 | --- | --- | --- | --- |
| AB-3 | 1988-1992e | 2.0 | --- | 540 | --- | <0.0025 | <0.005 | <0.0025 | 18 | --- | --- | --- | --- |
| AB-4 | 1988-1992e | 6.0 | --- | <1 | --- | <0.0025 | <0.005 | <0.0025 | <0.0025 | --- | --- | --- | --- |
| AB-5 | 1988-1992e | 6.0 | --- | 5.0 | --- | <0.0025 | <0.005 | 0.021 | 0.016 | --- | --- | --- | --- |
| AB-6 | 1988-1992e | 5.0 | --- | <1 | --- | <0.0025 | <0.005 | <0.0025 | <0.0025 | --- | --- | --- | --- |
| **Tank Pit Samples** | | | | | | | | | | | | | |
| Tank Pit Bottom | | | | | | | | | | | | | |
| TG1 | 11/27/91 | 13.0 | --- | 130 | --- | 0.3700 | 2 | 3 | 82 | --- | --- | --- | --- |
| TG2 | 11/27/91 | 13.0 | --- | 10,000 | --- | 130 | 950 | 280 | 1,100 | --- | --- | --- | --- |
| TG3 | 11/27/91 | 13.0 | --- | 6,300 | --- | 76 | 540 | 200 | 900 | --- | --- | --- | --- |
| TG4 | 11/27/91 | 13.0 | --- | 130 | --- | 0.770 | 7.3 | 3.3 | 18 | --- | --- | --- | --- |
| TG5 | 11/27/91 | 13.0 | --- | 10 | --- | 0.65 | 0.0084 | 0.140 | 0.160 | --- | --- | --- | --- |
| TG6 | 11/27/91 | 13.0 | --- | 12 | --- | <0.050 | 0.200 | 0.230 | 1 | --- | --- | --- | --- |
| Tank Pit Sidewall | | | | | | | | | | | | | |
| TG7 | 12/03/91 | 12.0 | --- | 430 | --- | 1.7 | 15 | 7.2 | 34 | <10 | --- | --- | --- |
| TG8 | 12/03/91 | 12.0 | --- | 240 | --- | 1.7 | 7.9 | 4.4 | 19 | <10 | --- | --- | --- |
| TG9 | 12/03/91 | 12.0 | --- | <1.0 | --- | 0.052 | 0.033 | 0.021 | 0.067 | 13 | --- | --- | --- |
| TG10 | 12/03/91 | 12.0 | --- | 1.7 | --- | 0.051 | <0.005 | 0.044 | <0.005 | 13 | --- | --- | --- |
| TG11 | 12/03/91 | 12.0 | --- | 420 | --- | 1.5 | 10 | 6.2 | 29 | 13 | --- | --- | --- |
| TG12 | 12/03/91 | 12.0 | --- | 660 | --- | 4.3 | 24 | 11 | 49 | <10 | --- | --- | --- |
| **Used-Oil Tank Pit Sample** | | | | | | | | | | | | | |
| WO1 | 11/27/91 | 7.0 | 22 | 1.1 | --- | 0.0057/200a | <0.005/1,200a | 0.015/380a | <0.005/2,100a | <10 | NDb | --- | 580 |

**TABLE 1A**
**CUMULATIVE LABORATORY ANALYTICAL RESULTS OF SOIL SAMPLES**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Sample ID | Sample Date | Depth (feet bgs) | TPHd (mg/kg) | TPHg (mg/kg) | MTBE (mg/kg) | B (mg/kg) | T (mg/kg) | E (mg/kg) | X (mg/kg) | Total Lead (mg/kg) | HVOCs (mg/kg) | TPHmo (mg/kg) | TOG (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Product Line Trench Samples** | | | | | | | | | | | | | |
| PL1 | 12/06/91 | 2.0 | --- | <4.0 | --- | <0.020 | 0.077 | 0.035 | 0.140 | --- | --- | --- | --- |
| PL2 | 12/06/91 | 2.0 | --- | <1.0 | --- | <0.005 | <0.005 | <0.005 | <0.005 | --- | --- | --- | --- |
| PL3 | 12/06/91 | 2.0 | --- | 150 | --- | 0.690 | 0.450 | 2.3 | 7.3 | --- | --- | --- | --- |
| PL4 | 12/06/91 | 2.0 | --- | 330 | --- | 2.7 | 17 | 5.7 | 29 | --- | --- | --- | --- |
| PL5 | 12/06/91 | 2.0 | --- | <1.0 | --- | 0.0053 | <0.005 | 0.0088 | 0.0086 | --- | --- | --- | --- |
| PL6 | 12/06/91 | 2.0 | --- | 4.9 | --- | <0.020 | 0.048 | 0.052 | 0.033 | --- | --- | --- | --- |
| PL7 | 12/06/91 | 2.0 | --- | 38 | --- | <0.020 | 0.095 | 0.180 | 0.250 | --- | --- | --- | --- |
| PL8 | 12/06/91 | 2.0 | --- | 5.8 | --- | 0.330 | 0.590 | 0.080 | 0.720 | --- | --- | --- | --- |
| PL9 | 12/06/91 | 2.0 | --- | 1.9 | --- | <0.005 | <0.005 | <0.005 | <0.005 | --- | --- | --- | --- |
| PL10 | 12/06/91 | 2.0 | --- | <1.0 | --- | <0.005 | <0.005 | <0.005 | <0.005 | --- | --- | --- | --- |
| **Soil Stockpile Samples** | | | | | | | | | | | | | |
| SS1-4 | Nov-Dec 1991 | --- | --- | 120 | --- | <0.020 | 0.370 | 0.910 | 1.7 | <1.0 | --- | --- | --- |
| SS5-8 | Nov-Dec 1991 | --- | --- | 180 | --- | <0.050 | 1.9 | 1.7 | 7.8 | --- | --- | --- | --- |
| SS9-12 | Nov-Dec 1991 | --- | --- | 270 | --- | 0.170 | 8.9 | 5.4 | 26 | --- | --- | --- | --- |
| SS13-16 | Nov-Dec 1991 | --- | --- | 30 | --- | 0.022 | 0.480 | 0.300 | 1.5 | --- | --- | --- | --- |
| SS17-20 | Nov-Dec 1991 | --- | --- | 130 | --- | <0.020 | 1.8 | 1.9 | 7.8 | --- | --- | --- | --- |
| SS21-24 | Nov-Dec 1991 | --- | --- | <1.0 | --- | <0.005 | <0.005 | <0.005 | 0.011 | --- | --- | --- | --- |
| SS25-28 | Nov-Dec 1991 | --- | 35 | 1.2 | --- | <0.005 | <0.005 | 0.025 | 0.0083 | --- | NDb | --- | --- |
| EA1-4 | Nov-Dec 1991 | --- | --- | 46 | --- | <0.250 | 0.110 | 0.130 | 1.5 | --- | --- | --- | --- |
| EA5-8 | Nov-Dec 1991 | --- | --- | 94 | --- | <0.500 | 0.610 | 0.400 | 5.8 | --- | --- | --- | --- |
| EA9-12 | Nov-Dec 1991 | --- | --- | 390 | --- | <1.0 | 2.3 | 3.2 | 24 | --- | --- | --- | --- |
| EA13-16 | Nov-Dec 1991 | --- | --- | 80 | --- | 0.150 | 0.830 | 0.700 | 4.3 | --- | --- | --- | --- |
| EA17-20 | Nov-Dec 1991 | --- | --- | 1,200 | --- | <1.0 | 16 | 18 | 100 | --- | --- | --- | --- |
| EA21-24 | Nov-Dec 1991 | --- | --- | 980 | --- | 1.1 | 20 | 16 | 90 | --- | --- | --- | --- |
| EA25-28 | Nov-Dec 1991 | --- | --- | 1,900 | --- | 12 | 88 | 37 | 190 | 19 | --- | --- | --- |
| EA29-32 | Nov-Dec 1991 | --- | --- | 4,200 | --- | 17 | 190 | 94 | 480 | --- | --- | --- | --- |
| SP-1-1 | 03/29/00 | --- | --- | <1 | <0.001a | <0.001 | <0.001 | <0.001 | <0.001 | 4.35 | ND | --- | --- |
| SP-1-1(1-4) | 04/06/01 | --- | <2 | <1 | <0.01 | --- | --- | --- | --- | 4.68 | ND | <10 | --- |
| SP-1 (1-4) | 03/07/07 | --- | <1.0 | <0.10 | <0.0050 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | 14 | --- | <10 | --- |

**TABLE 1A**
**CUMULATIVE LABORATORY ANALYTICAL RESULTS OF SOIL SAMPLES**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| | | |
|---|---|---|
| Notes: | Alton wells B-5 through B-9 were advanced into monitoring wells MW6E through MW6I. | |
| TPHg | = | Total petroleum hydrocarbons as gasoline analyzed using modified EPA Method 8015M/8015B. |
| TPHd | = | Total petroleum hydrocarbons as diesel analyzed using modified EPA Method 8015M/8015B. |
| MTBE | = | Methyl tertiary butyl ether analyzed using EPA Method 8260B. |
| BTEX | = | Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8020 or 8021B. |
| Total Lead | = | Total lead analyzed using EPA Method 6010B. |
| HVOCs | = | Halogenated volatiles organic compounds using EPA Method 8260B. |
| TPHmo | = | Total petroleum hydrocarbons as motor oil analyzed using Modified EPA Method 8015M/8015B. |
| TOG | = | Total oil and grease analyzed using EPA Method 5520. |
| TAME | = | Tertiary amyl methyl ether analyzed using EPA Method 8260B. |
| TBA | = | Tertiary butyl alcohol analyzed using EPA Method 8260B. |
| DIPE | = | Di-isopropyl ether analyzed using EPA Method 8260B. |
| EDB | = | 1,2-dibromoethane analyzed using EPA Method 8260B. |
| 1,2-DCA | = | 1,2-dichloroethane analyzed using EPA Method 8260B. |
| ETBE | = | Ethyl tertiary butyl ether analyzed using EPA Method 8260B. |
| Ethanol | = | Ethanol analyzed using EPA Method 8260B. |
| Cadmium | = | Cadmium analyzed using EPA Method 6010. |
| Chromium | = | Chromium analyzed using EPA Method 6010. |
| Nickel | = | Nickel analyzed using EPA Method 6010. |
| Zinc | = | Zinc analyzed using EPA Method 6010. |
| ND | = | Analytes not detected at or above the laboratory method reporting limit. |
| feet bgs | = | Feet below ground surface. |
| mg/kg | = | Milligrams per kilogram. |
| --- | = | Not Analyzed/Not Applicable/Not sampled. |
| a | = | Analyzed using EPA Method 8021B. |
| b | = | Analyzed using EPA Method 8240. |
| c | = | Hydrocarbon pattern does not resemble the requested fuel. |
| d | = | Analyte detected in associated method blank. |
| e | = | Exact sampling date unclear from previous consultant reports. |

**TABLE 1B**

**ADDITIONAL CUMULATIVE LABORATORY ANALYTICAL RESULTS OF SOIL SAMPLES-VOCs**

Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Sample ID | Sample Date | Depth (feet bgs) | TAME (mg/kg) | TBA (mg/kg) | DIPE (mg/kg) | EDB (mg/kg) | 1,2-DCA (mg/kg) | ETBE (mg/kg) | Ethanol (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|
| **Soil Boring Samples** | | | | | | | | | |
| Prior to March 2007, soil boring samples were not analyzed for these analytes. | | | | | | | | | |
| S-5-B5 | 03/01/07 | 5.0 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | --- |
| S-5-B7 | 03/05/07 | 5.0 | <0.0050 | <0.020 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.10 |
| S-10-B7 | 03/05/07 | 10.0 | <0.0050 | <0.020 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.10 |
| S-15-B7 | 03/05/07 | 15.0 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.10 |
| S-16.5-B7 | 03/05/07 | 16.5 | <0.0050 | <0.020 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.10 |
| S-19-B7 | 03/05/07 | 19.0 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.10 |
| S-21-B7 | 03/05/07 | 21.0 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.10 |
| S-5-B8 | 03/01/07 | 5.0 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | --- |
| S-10-B8 | 03/01/07 | 10.0 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | --- |
| S-5-B9 | 03/02/07 | 5.0 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | --- |
| S-10-B9 | 03/02/07 | 10.0 | <0.0050 | 0.045 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | --- |
| S-11-B9 | 03/02/07 | 11.0 | <0.025 | 0.067 | <0.025 | <0.025 | <0.025 | <0.025 | --- |
| S-15-B9 | 03/06/07 | 15.0 | <0.0050 | 0.034 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | --- |
| S-19.5-B9 | 03/06/07 | 19.5 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | --- |
| S-23.5-B9 | 03/06/07 | 23.5 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | --- |
| S-29.5-B9 | 03/06/07 | 29.5 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | --- |
| **Fuel Dispenser Samples** | | | | | | | | | |
| Not analyzed for these analytes. | | | | | | | | | |
| **Tank Pit Samples** | | | | | | | | | |
| Not analyzed for these analytes. | | | | | | | | | |
| **Used-Oil Tank Pit Sample** | | | | | | | | | |
| Not analyzed for these analytes. | | | | | | | | | |
| **Product Line Trench Samples** | | | | | | | | | |
| Not analyzed for these analytes. | | | | | | | | | |
| **Soil Stockpile Samples** | | | | | | | | | |
| Prior to March 2007, soil stockpile samples were not analyzed for these analytes. | | | | | | | | | |
| SP-1 (1-4) | 03/07/07 | --- | <0.0050 | <0.020 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.10 |

**TABLE 1B**

**ADDITIONAL CUMULATIVE LABORATORY ANALYTICAL RESULTS OF SOIL SAMPLES-VOCs**

Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| | | |
|---|---|---|
| Notes: | Alton wells B-5 through B-9 were advanced into monitoring wells MW6E through MW6I. | |
| TPHg | = | Total petroleum hydrocarbons as gasoline analyzed using modified EPA Method 8015M/8015B. |
| TPHd | = | Total petroleum hydrocarbons as diesel analyzed using modified EPA Method 8015M/8015B. |
| MTBE | = | Methyl tertiary butyl ether analyzed using EPA Method 8260B. |
| BTEX | = | Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8020 or 8021B. |
| Total Lead | = | Total lead analyzed using EPA Method 6010B. |
| HVOCs | = | Halogenated volatiles organic compounds using EPA Method 8260B. |
| TPHmo | = | Total petroleum hydrocarbons as motor oil analyzed using Modified EPA Method 8015M/8015B. |
| TOG | = | Total oil and grease analyzed using EPA Method 5520. |
| TAME | = | Tertiary amyl methyl ether analyzed using EPA Method 8260B. |
| TBA | = | Tertiary butyl alcohol analyzed using EPA Method 8260B. |
| DIPE | = | Di-isopropyl ether analyzed using EPA Method 8260B. |
| EDB | = | 1,2-dibromoethane analyzed using EPA Method 8260B. |
| 1,2-DCA | = | 1,2-dichloroethane analyzed using EPA Method 8260B. |
| ETBE | = | Ethyl tertiary butyl ether analyzed using EPA Method 8260B. |
| Ethanol | = | Ethanol analyzed using EPA Method 8260B. |
| Cadmium | = | Cadmium analyzed using EPA Method 6010. |
| Chromium | = | Chromium analyzed using EPA Method 6010. |
| Nickel | = | Nickel analyzed using EPA Method 6010. |
| Zinc | = | Zinc analyzed using EPA Method 6010. |
| ND | = | Analytes not detected at or above the laboratory method detection limit. |
| feet bgs | = | Feet below ground surface. |
| mg/kg | = | Milligrams per kilogram. |
| --- | = | Not Analyzed/Not Applicable/Not sampled. |
| a | = | Analyzed using EPA Method 8021B. |
| b | = | Analyzed using EPA Method 8240. |
| c | = | Hydrocarbon pattern does not resemble the requested fuel. |
| d | = | Analyte detected in associated method blank. |

**TABLE1C**

**ADDITIONAL CUMULATIVE LABORATORY ANALYTICAL RESULTS OF SOIL SAMPLES-METALS**

Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Sample ID | Sample Date | Depth (feet bgs) | Cadmium (mg/kg) | Chromium (mg/kg) | Nickel (mg/kg) | Zinc (mg/kg) | Sulfides (mg/kg) | Cyanide (mg/kg) |
|---|---|---|---|---|---|---|---|---|
| **Soil Boring Samples** | | | | | | | | |
| Not analyzed for these analytes. | | | | | | | | |
| **Fuel Dispenser Samples** | | | | | | | | |
| Not analyzed for these analytes. | | | | | | | | |
| **Tank Pit Samples** | | | | | | | | |
| Not analyzed for these analytes. | | | | | | | | |
| **Used-Oil Tank Pit Sample** | | | | | | | | |
| WO1 | 11/27/91 | 7.0 | 1.3 | 48 | 81 | 42 | --- | --- |
| **Product Line Trench Samples** | | | | | | | | |
| Not analyzed for these analytes. | | | | | | | | |
| **Soil Stockpile Samples** | | | | | | | | |
| SS1-4 | Nov-Dec 1991 | --- | --- | --- | --- | --- | --- | --- |
| SS5-8 | Nov-Dec 1991 | --- | --- | --- | --- | --- | --- | --- |
| SS9-12 | Nov-Dec 1991 | --- | --- | --- | --- | --- | --- | --- |
| SS13-16 | Nov-Dec 1991 | --- | --- | --- | --- | --- | --- | --- |
| SS17-20 | Nov-Dec 1991 | --- | --- | --- | --- | --- | <1.0 | <0.5 |
| SS21-24 | Nov-Dec 1991 | --- | --- | --- | --- | --- | <1.0 | <0.5 |
| SS25-28 | Nov-Dec 1991 | --- | --- | --- | --- | --- | --- | --- |
| EA1-4 | Nov-Dec 1991 | --- | --- | --- | --- | --- | --- | --- |
| EA5-8 | Nov-Dec 1991 | --- | --- | --- | --- | --- | --- | --- |
| EA9-12 | Nov-Dec 1991 | --- | --- | --- | --- | --- | --- | --- |
| EA13-16 | Nov-Dec 1991 | --- | --- | --- | --- | --- | --- | --- |
| EA17-20 | Nov-Dec 1991 | --- | --- | --- | --- | --- | --- | --- |
| EA21-24 | Nov-Dec 1991 | --- | --- | --- | --- | --- | --- | --- |
| EA25-28 | Nov-Dec 1991 | --- | <1.0b | 43b | 55b | 41b | --- | --- |
| EA29-32 | Nov-Dec 1991 | --- | --- | --- | --- | --- | --- | --- |
| SP-1-1 | 03/29/00 | --- | --- | --- | --- | --- | --- | --- |
| SP-1-1(1-4) | 04/06/01 | --- | --- | --- | --- | --- | --- | --- |
| SP-1 (1-4) | 03/07/07 | --- | --- | --- | --- | --- | --- | --- |

**TABLE1C**

**ADDITIONAL CUMULATIVE LABORATORY ANALYTICAL RESULTS OF SOIL SAMPLES-METALS**

Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| | | |
|---|---|---|
| Notes: | Alton wells B-5 through B-9 were advanced into monitoring wells MW6E through MW6I. | |
| TPHg | = | Total petroleum hydrocarbons as gasoline analyzed using modified EPA Method 8015M/8015B. |
| TPHd | = | Total petroleum hydrocarbons as diesel analyzed using modified EPA Method 8015M/8015B. |
| MTBE | = | Methyl tertiary butyl ether analyzed using EPA Method 8260B. |
| BTEX | = | Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8020 or 8021B. |
| Total Lead | = | Total lead analyzed using EPA Method 6010B. |
| HVOCs | = | Halogenated volatiles organic compounds using EPA Method 8260B. |
| TPHmo | = | Total petroleum hydrocarbons as motor oil analyzed using Modified EPA Method 8015M/8015B. |
| TOG | = | Total oil and grease analyzed using EPA Method 5520. |
| TAME | = | Tertiary amyl methyl ether analyzed using EPA Method 8260B. |
| TBA | = | Tertiary butyl alcohol analyzed using EPA Method 8260B. |
| DIPE | = | Di-isopropyl ether analyzed using EPA Method 8260B. |
| EDB | = | 1,2-dibromoethane analyzed using EPA Method 8260B. |
| 1,2-DCA | = | 1,2-dichloroethane analyzed using EPA Method 8260B. |
| ETBE | = | Ethyl tertiary butyl ether analyzed using EPA Method 8260B. |
| Ethanol | = | Ethanol analyzed using EPA Method 8260B. |
| Cadmium | = | Cadmium analyzed using EPA Method 6010. |
| Chromium | = | Chromium analyzed using EPA Method 6010. |
| Nickel | = | Nickel analyzed using EPA Method 6010. |
| Zinc | = | Zinc analyzed using EPA Method 6010. |
| ND | = | Analytes not detected at or above the laboratory method detection limit. |
| feet bgs | = | Feet below ground surface. |
| mg/kg | = | Milligrams per kilogram. |
| --- | = | Not Analyzed/Not Applicable/Not sampled. |
| a | = | Analyzed using EPA Method 8021B. |
| b | = | Analyzed using EPA Method 8240. |
| c | = | Hydrocarbon pattern does not resemble the requested fuel. |
| d | = | Analyte detected in associated method blank. |

**TABLE 2A**
**CUMULATIVE LABORATORY ANALYTICAL RESULTS OF GRAB GROUNDWATER SAMPLES**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Sample ID | Sample Date | TPHd (µg/L) | TPHg (µg/L) | TPHmo (µg/L) | MTBE (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | TOG (µg/L) | HVOCs (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **GeoProbe Samples** | | | | | | | | | | | |
| W-13-GP1 | 03/29/00 | --- | <50 | --- | <2 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- |
| W-23-GP1 | 03/29/00 | --- | <50 | --- | <2 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- |
| W-12-GP2 | 03/29/00 | --- | 100 | --- | <2 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- |
| W-23-GP2 | 03/29/00 | --- | <50 | --- | <2 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- |
| **Boring Samples** | | | | | | | | | | | |
| W-15-B7 | 03/05/07 | 66b | <50 | <470 | 0.54 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- |
| W-22-B7 | 03/05/07 | 220b | <50 | <470 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- |
| W-14-B8 | 03/02/07 | 1,900b | <50 | 2,800b | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- |
| W-14-16-B9 | 03/06/07 | 1,000b | 38,000 | <480 | 120 | 15,000 | 890 | 700 | 1,700 | --- | --- |
| W-22.5-24-B9 | 03/06/07 | 81b | 490 | <480 | 17 | 160 | 21 | 12 | 40 | --- | --- |
| **Used-Oil Tank Pit Sample** | | | | | | | | | | | |
| UOW | 11/27/91 | 18,000 | 550 | --- | --- | 12/15a | 4.9/7a | 19/20a | 72/<5a | 580 | 70c |
| W-Comp | 10/26/00 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 2A**
**CUMULATIVE LABORATORY ANALYTICAL RESULTS OF GRAB GROUNDWATER SAMPLES**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


Notes:

| | | |
|---|---|---|
| TPHd | = | Total petroleum hydrocarbons as diesel analyzed using EPA Method 8015M or 8015B. |
| TPHg | = | Total petroleum hydrocarbons as gasoline analyzed using modified EPA Method 8015M. |
| TPHmo | = | Total petroleum hydrocarbons as motor oil analyzed using EPA Method 8015B |
| MTBE | = | Methyl tertiary butyl ether analyzed using EPA Method 8021B or 8260B. |
| BTEX | = | Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B. |
| TOG | = | Total oil and grease analyzed using EPA Method 5520. |
| HVOCs | = | Halogenated volatile organic compounds analyzed using EPA Method 8240 or 624. |
| TAME | = | Tertiary amyl methyl ether analyzed using EPA Method 8260B. |
| TBA | = | Tertiary butyl alcohol analyzed using EPA Method 8260B. |
| DIPE | = | Di-isopropyl ether analyzed using EPA Method 8260B. |
| EDB | = | 1,2-dibromoethane analyzed using EPA Method 8260B. |
| 1,2-DCA | = | 1,2-dichloroethane analyzed using EPA Method 8260B. |
| ETBE | = | Ethyl tertiary butyl ether analyzed using EPA Method 8260B. |
| Ethanol | = | Ethanol analyzed using EPA Method 8260B. |
| Arsenic | = | Arsenic analyzed using EPA Method 200.7 |
| Lead | = | Lead analyzed using EPA Method 200.7 |
| Cadmium | = | Cadmium analyzed using EPA Method 200.7 |
| Chromium | = | Chromium analyzed using EPA Method 200.7 |
| Copper | = | Copper analyzed using EPA Method 200.7 |
| Iron | = | Iron analyzed using EPA Method 200.7 |
| Nickel | = | Nickel analyzed using EPA Method 200.7 |
| Silver | = | Silver analyzed using EPA Method 200.7 |
| Zinc | = | Zinc analyzed using EPA Method 200.7 |
| µg/L | = | Micrograms per liter. |
| --- | = | Not sampled/Not analyzed. |
| a | = | Analyzed using EPA Method 624. |
| b | = | Hydrocarbon pattern does not resemble the requested fuel. |
| c | = | Bromoform. |

**TABLE 2B**

**ADDITIONAL CUMULATIVE LABORATORY ANALYTICAL RESULTS OF GRAB GROUNDWATER SAMPLES-VOCs**

Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Sample ID | Sample Date | TAME (µg/L) | TBA (µg/L) | DIPE (µg/L) | EDB (µg/L) | 1,2-DCA (µg/L) | ETBE (µg/L) | Ethanol (µg/L) |
|---|---|---|---|---|---|---|---|---|
| **GeoProbe Samples** | | | | | | | | |
| Not analyzed for these analytes. | | | | | | | | |
| **Boring Samples** | | | | | | | | |
| W-15-B7 | 03/05/07 | <0.50 | <10 | <0.50 | <0.50 | <0.50 | <0.50 | <100 |
| W-22-B7 | 03/05/07 | <0.50 | <10 | <0.50 | <0.50 | <0.50 | <0.50 | <100 |
| W-14-B8 | 03/02/07 | <0.50 | <12 | <0.50 | <0.50 | <0.50 | <0.50 | <100 |
| W-14-16-B9 | 03/06/07 | <50 | <500 | <50 | <50 | <50 | <50 | <10,000 |
| W-22.5-24-B9 | 03/06/07 | <1.0 | <10 | 3.4 | <1.0 | <1.0 | <1.0 | <200 |
| **Used-Oil Tank Pit Sample** | | | | | | | | |
| Not analyzed for these analytes. | | | | | | | | |
| W-Comp | 10/26/00 | --- | --- | --- | --- | --- | --- | --- |

**TABLE 2B**

**ADDITIONAL CUMULATIVE LABORATORY ANALYTICAL RESULTS OF GRAB GROUNDWATER SAMPLES-VOCs**

Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| | | |
|---|---|---|
| Notes: | | |
| TPHd | = | Total petroleum hydrocarbons as diesel analyzed using EPA Method 8015M or 8015B. |
| TPHg | = | Total petroleum hydrocarbons as gasoline analyzed using modified EPA Method 8015M. |
| TPHmo | = | Total petroleum hydrocarbons as motor oil analyzed using EPA Method 8015B |
| MTBE | = | Methyl tertiary butyl ether analyzed using EPA Method 8021B or 8260B. |
| BTEX | = | Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B. |
| TOG | = | Total oil and grease analyzed using EPA Method 5520. |
| HVOCs | = | Halogenated volatile organic compounds analyzed using EPA Method 8240 or 624. |
| TAME | = | Tertiary amyl methyl ether analyzed using EPA Method 8260B. |
| TBA | = | Tertiary butyl alcohol analyzed using EPA Method 8260B. |
| DIPE | = | Di-isopropyl ether analyzed using EPA Method 8260B. |
| EDB | = | 1,2-dibromoethane analyzed using EPA Method 8260B. |
| 1,2-DCA | = | 1,2-dichloroethane analyzed using EPA Method 8260B. |
| ETBE | = | Ethyl tertiary butyl ether analyzed using EPA Method 8260B. |
| Ethanol | = | Ethanol analyzed using EPA Method 8260B. |
| Arsenic | = | Arsenic analyzed using EPA Method 200.7 |
| Lead | = | Lead analyzed using EPA Method 200.7 |
| Cadmium | = | Cadmium analyzed using EPA Method 200.7 |
| Chromium | = | Chromium analyzed using EPA Method 200.7 |
| Copper | = | Copper analyzed using EPA Method 200.7 |
| Iron | = | Iron analyzed using EPA Method 200.7 |
| Nickel | = | Nickel analyzed using EPA Method 200.7 |
| Silver | = | Silver analyzed using EPA Method 200.7 |
| Zinc | = | Zinc analyzed using EPA Method 200.7 |
| µg/L | = | Micrograms per liter. |
| --- | = | Not sampled/Not analyzed. |
| a | = | Analyzed using EPA Method 624. |
| b | = | Hydrocarbon pattern does not resemble the requested fuel. |
| c | = | Bromoform. |

**TABLE 2C**

**ADDITIONAL CUMULATIVE LABORATORY ANALYTICAL RESULTS OF GRAB GROUNDWATER SAMPLES-METALS**

Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Sample ID | Sample Date | Arsenic (µg/L) | Lead (µg/L) | Cadmium (µg/L) | Chromium (µg/L) | Copper (µg/L) | Iron (µg/L) | Nickel (µg/L) | Silver (µg/L) | Zinc (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|
| **GeoProbe Samples** | | | | | | | | | | |
| Not analyzed for these analytes. | | | | | | | | | | |
| **Boring Samples** | | | | | | | | | | |
| Not analyzed for these analytes. | | | | | | | | | | |
| **Used-Oil Tank Pit Sample** | | | | | | | | | | |
| UOW | 11/27/91 | — | <100 | <5 | <10 | — | — | 30 | — | 10 |
| W-Comp | 10/26/00 | 11.5 | <5 | <5 | <10 | <10 | 825 | 27.5 | <10 | 28.5 |

Notes:

| | | |
|---|---|---|
| TPHd | = | Total petroleum hydrocarbons as diesel analyzed using EPA Method 8015M or 8015B. |
| TPHg | = | Total petroleum hydrocarbons as gasoline analyzed using modified EPA Method 8015M. |
| TPHmo | = | Total petroleum hydrocarbons as motor oil analyzed using EPA Method 8015B |
| MTBE | = | Methyl tertiary butyl ether analyzed using EPA Method 8021B or 8260B. |
| BTEX | = | Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B. |
| TOG | = | Total oil and grease analyzed using EPA Method 5520. |
| HVOCs | = | Halogenated volatile organic compounds analyzed using EPA Method 8240 or 624. |
| TAME | = | Tertiary amyl methyl ether analyzed using EPA Method 8260B. |
| TBA | = | Tertiary butyl alcohol analyzed using EPA Method 8260B. |
| DIPE | = | Di-isopropyl ether analyzed using EPA Method 8260B. |
| EDB | = | 1,2-dibromoethane analyzed using EPA Method 8260B. |
| 1,2-DCA | = | 1,2-dichloroethane analyzed using EPA Method 8260B. |
| ETBE | = | Ethyl tertiary butyl ether analyzed using EPA Method 8260B. |
| Ethanol | = | Ethanol analyzed using EPA Method 8260B. |
| Arsenic | = | Arsenic analyzed using EPA Method 200.7 |
| Lead | = | Lead analyzed using EPA Method 200.7 |
| Cadmium | = | Cadmium analyzed using EPA Method 200.7 |
| Chromium | = | Chromium analyzed using EPA Method 200.7 |
| Copper | = | Copper analyzed using EPA Method 200.7 |
| Iron | = | Iron analyzed using EPA Method 200.7 |
| Nickel | = | Nickel analyzed using EPA Method 200.7 |
| Silver | = | Silver analyzed using EPA Method 200.7 |
| Zinc | = | Zinc analyzed using EPA Method 200.7 |
| µg/L | = | Micrograms per liter. |
| — | = | Not sampled/Not analyzed. |
| a | = | Analyzed using EPA Method 624. |
| b | = | Hydrocarbon pattern does not resemble the requested fuel. |
| c | = | Bromoform. |

**TABLE 3A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Well ID | Sampling Date | TOC (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | TPHmo (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW6A | June 1988 | --- | Well installed. | | | | | | | | | | | |
| MW6A | 06/24/88 | 98.99i | --- | --- | --- | --- | --- | --- | --- | --- | <0.5 | <1 | <2 | <1 |
| MW6A | 07/11/88 | 98.99i | 13.25 | 85.74 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6A | 10/20/88 | 98.99i | --- | --- | --- | --- | --- | --- | --- | --- | 0.6 | <1 | <2 | <1 |
| MW6A | 12/15/88 | 98.99i | 13.40 | 85.59i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6A | 09/07/89 | 98.99i | --- | --- | --- | --- | ND | --- | --- | --- | 2.0 | ND | ND | ND |
| MW6A | 05/11/90 | 98.99i | 12.87 | 86.12i | --- | --- | <500 | --- | --- | --- | 150 | 6.2 | <0.25 | 13 |
| MW6A | 10/16/90 | 98.99i | 13.27 | 85.72i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6A | 12/06/90 | 98.99i | 13.28 | 85.71i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6A | 02/08/91 | 98.99i | 12.49 | 86.50i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6A | 05/07/91 | 98.99i | 11.94 | 87.05i | --- | --- | 2,700 | --- | --- | --- | 700 | 64 | 67 | 74 |
| MW6A | 06/26/91 | 98.99i | 12.87 | 86.12i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6A | 08/05/91 | 98.99i | 13.44 | 85.55i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6A | 08/14/91 | 98.99i | 13.47 | 85.52i | --- | --- | ND | --- | --- | --- | 3.6 | <0.5 | <0.5 | <0.5 |
| MW6A | 09/11/91 | 98.99i | 13.48 | 85.51i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6A | 10/16/91 | 98.99i | 13.64 | 85.35i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6A | 12/30/91 | --- | Well damaged. | | | | | | | | | | | |
| MW6A | 05/02/92 | --- | Well destroyed. | | | | | | | | | | | |
| MW6B | June 1988 | --- | Well installed. | | | | | | | | | | | |
| MW6B | 06/24/88 | 98.81i | --- | --- | --- | --- | --- | --- | --- | --- | <0.5 | <1 | <2 | 5.0 |
| MW6B | 07/11/88 | 98.81i | 12.86 | 85.95i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6B | 10/20/88 | 98.81i | --- | --- | --- | --- | --- | --- | --- | --- | 4.1 | <1 | <2 | <1 |
| MW6B | 12/15/88 | 98.81i | 12.94 | 85.87i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6B | 09/07/89 | 98.81i | --- | --- | --- | --- | 2,700 | --- | --- | --- | 70 | 3.0 | ND | 160 |
| MW6B | 04/30/90 | 98.81i | 12.53 | 86.28i | --- | --- | 168 | --- | --- | --- | 45 | 8.0 | 60 | 22 |
| MW6B | 10/16/90 | 98.81i | 12.73 | 86.08i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6B | 12/06/90 | 98.81i | 12.74 | 86.07i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6B | 01/14/91 | 98.81i | 12.57 | 86.24i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6B | 02/08/91 | 98.81i | 12.16 | 86.65i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6B | 04/02/91 | 98.81i | 11.50 | 87.31i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6B | 05/07/91 | 98.81i | 12.02 | 86.79i | --- | --- | 3,300 | --- | --- | --- | 240 | 6.0 | 20 | 660 |
| MW6B | 05/31/91 | 98.81i | 12.40 | 86.41i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6B | 06/26/91 | 98.81i | 12.69 | 86.12i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6B | 08/05/91 | 98.81i | 12.95 | 85.86i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6B | 08/14/91 | 98.81i | 12.93 | 85.88i | --- | --- | 980 | --- | --- | --- | 9.1 | 42 | 310 | 150 |
| MW6B | 09/11/91 | 98.81i | 13.01 | 85.80i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6B | 10/16/91 | 98.81i | 13.09 | 85.72i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6B | 12/30/91 | 98.81i | 12.62 | 86.19i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6B | 12/31/91 | 98.81i | --- | --- | --- | --- | 1,200 | --- | --- | --- | 46 | <5.0 | 85 | 220 |
| MW6B | 02/25/92 | 98.81i | 11.81 | 87.00i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6B | 03/25/92 | 98.81i | 11.58 | 87.23i | --- | --- | 190 | --- | --- | --- | 31 | 8.6 | 84 | 8.6 |
| MW6B | 06/16/92 | 15.34 | 12.54 | 2.80 | --- | --- | 1,700 | --- | --- | --- | 44 | 1.7 | 7.2 | 230 |
| MW6B | 09/08/92 | 15.34 | 12.87 | 2.47 | No | --- | 2,900 | --- | --- | --- | 35 | 8.3 | 110 | 330 |
| MW6B | 11/05/92 | 15.34 | 12.70 | 2.64 | No | --- | 1,400 | --- | --- | --- | 29 | <0.5 | 75 | 190 |

**TABLE 3A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Well ID | Sampling Date | TOC (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | TPHmo (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW6B | 12/14/92 | 15.34 | 12.19 | 3.15 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6B | 01/28/93 | 15.34 | 11.39 | 3.95 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6B | 02/11/93 | 15.34 | 11.70 | 3.64 | No | --- | 210 | --- | --- | --- | 1.2 | <0.5 | 2.8 | 4.3 |
| MW6B | 03/09/93 | 15.34 | 11.70 | 3.64 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6B | 04/14/93 | 15.34 | 11.87 | 3.47 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6B | 05/11/93 | 15.34 | 12.22 | 3.12 | No | --- | 570 | --- | --- | --- | 54 | 2.4 | 37 | 36 |
| MW6B | 06/17/93 | 15.34 | 12.46 | 2.88 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6B | 07/26/93 | 15.34 | 12.72 | 2.58 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6B | 08/10/93 | 15.34 | 12.82 | 2.52 | No | --- | 1,300 | --- | --- | --- | 48 | 2.4 | 28 | 44 |
| MW6B | 09/21/93 | 15.34 | 13.08 | 2.26 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6B | 10/27/93 | 15.34 | 13.18 | 2.16 | No | --- | 1,300 | --- | --- | --- | 23 | 1.7 | 25 | 250 |
| MW6B | 11/23/93 | 15.34 | 13.07 | 2.27 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6B | 12/17/93 | 15.34 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6B | 02/16/94 | 15.34 | 12.07 | 3.27 | --- | --- | 300 | --- | --- | --- | 16 | <0.5 | 3.5 | 2.4 |
| MW6B | 05/31/94 | 15.34 | 12.42 | 2.92 | No | --- | 690 | --- | --- | --- | 21 | 3.9 | 11 | 36 |
| MW6B | 08/30/94 | 17.48j | 13.02 | 4.46 | No | --- | 260 | --- | --- | --- | 4 | 0.62 | 0.82 | 4 |
| MW6B | 11/11/94 | 17.48j | 11.72 | 5.76 | No | --- | 300 | --- | --- | --- | 60 | 2 | 1.2 | 2.4 |
| MW6B | 02/27/95 | 17.48j | 11.84 | 5.64 | No | --- | 180 | --- | --- | --- | 28 | 2.6 | 0.65 | 1.6 |
| MW6B | 05/30/95 | 17.48j | 12.09 | 5.39 | No | --- | 200 | --- | --- | --- | 23 | 3.6 | 0.88 | 2.3 |
| MW6B | 08/30/95 | 17.48j | 12.76 | 4.72 | No | --- | 120 | --- | 42 | --- | 3.8 | 3.6 | 0.61 | 0.69 |
| MW6B | 11/26/96 | 17.48j | 12.26 | 5.22 | No | --- | <50 | --- | <30 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6B | 02/27/97 | 17.48j | 11.73 | 5.75 | No | --- | <50 | --- | <30 | --- | <0.5 | <0.5 | <0.5 | 0.80 |
| MW6B | 05/21/97 | 17.48j | 12.70 | 4.78 | No | --- | <50 | --- | <30 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6B | 08/18/97 | 17.48j | 12.89 | 4.59 | No | --- | 380 | --- | <30 | --- | 4.3 | <0.5 | 1.2 | 1.5 |
| MW6B | 03/13/98 | 17.48j | 11.15 | 6.33 | No | --- | 360 | --- | <6.2 | --- | 93 | 4.9 | 4.1 | 12 |
| MW6B | 04/20/98 | 17.48j | 11.49 | 5.99 | No | --- | 110 | --- | 5.5 | --- | 19 | 1.3 | 1.5 | 3.9 |
| MW6B | 07/21/98 | 21.37 | 12.18 | 9.19 | No | --- | <50 | --- | 8.7 | --- | 0.84 | 0.59 | <0.5 | <0.5 |
| MW6B | 10/06/98 | 21.37 | 12.70 | 8.67 | No | --- | 190 | --- | 6.0 | --- | 2.4 | 0.56 | 0.51 | 1.2 |
| MW6B | 01/11/99 | 21.37 | 12.48 | 8.89 | No | --- | 50 | --- | 3.9 | --- | 1.2 | <0.5 | <0.5 | 0.95 |
| MW6B | 04/08/99 | 21.37 | 11.52 | 9.85 | No | --- | 85 | --- | 14.0 | --- | 4.4 | <0.5 | <0.5 | <0.5 |
| MW6B | 07/19/99 | 21.37 | 11.39 | 9.98 | No | --- | <50 | --- | <2.50 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6B | 07/27/99 | 21.37 | 12.71 | 8.66 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6B | 10/25/99 | 21.37 | 12.49 | 8.88 | No | --- | 260 | --- | <2 | --- | 2.3 | <0.5 | <0.5 | <0.5 |
| MW6B | 01/27/00 | 21.37 | 11.80 | 9.57 | No | --- | 770 | --- | 13 | --- | 210 | 4.8 | 4.9 | 13 |
| MW6B | 04/03/00 | 21.37 | 11.61 | 9.76 | No | --- | 670 | --- | 3.4 | --- | 110 | 6.6 | 3.8 | 9.45 |
| MW6B | 07/05/00 | 21.37 | 12.27 | 9.10 | No | --- | <50 | --- | 2.1 | --- | 0.89 | <0.5 | <0.5 | <0.5 |
| MW6B | 10/04/00 | 21.37 | 12.67 | 8.70 | No | --- | <50 | --- | 54 | --- | <0.5 | <0.5 | <0.5 | 2 |
| MW6B | 10/05/00 | 21.37 | --- | --- | --- | --- | --- | <1,000 | --- | --- | --- | --- | --- | --- |
| MW6B | 01/04/01 | 21.37 | 12.47 | 8.90 | No | --- | <50 | --- | 35 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6B | 04/03/01 | 21.37 | 11.81 | 9.56 | No | --- | <50 | --- | 7.8 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6B | 07/05/01 | 21.37 | 12.44 | 8.93 | No | --- | <50 | --- | 3 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6B | 10/03/01 | 21.37 | 12.52 | 8.85 | No | --- | 310 | --- | 10 | --- | 2.1 | <0.5 | 6.5 | 11.6 |
| MW6B | Oct-01 | 21.09 | Well surveyed in compliance with AB 2886 requirements. | | | | | | | | | | | |
| MW6B | 01/02/02 | 21.09 | 11.25 | 9.84 | No | --- | 710 | --- | 21.8 | --- | 99.5 | 4.40 | 3.30 | 7.40 |
| MW6B | 04/02/02 | 21.09 | 11.72 | 9.37 | No | --- | <50.0 | <100 | 12.2 | --- | 0.60 | <0.50 | <0.50 | <0.50 |

**TABLE 3A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Well ID | Sampling Date | TOC (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | TPHmo (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW6B | 07/01/02 | 21.09 | 12.34 | 8.75 | No | --- | <50 | <100a | 10.7 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6B | 10/02/02 | 21.09 | 12.71 | 8.38 | No | --- | <50.0 | <100 | 10.9 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6B | 01/07/03 | 21.09 | 11.65 | 9.44 | No | --- | 82.5 | <50 | 20.8 | 27.8 | 3.7 | 0.5 | <0.5 | 0.8 |
| MW6B | 06/17/03 | 21.09 | 12.09 | 9.00 | No | --- | <50.0 | <100 | 7.3 | 6.10a | 0.50 | <0.5 | <0.5 | <0.5 |
| MW6B | 07/16/03 | 21.09 | 12.29 | 8.80 | No | --- | <50.0 | <100 | 11.0 | 8.5 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6B | 10/07/03 | 21.09 | 12.63 | 8.46 | No | <50 | <50.0 | <100 | 4.1 | 3.10 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6B | 01/14/04 | 21.09 | 11.50 | 9.59 | No | 54 | 62.0 | <100 | 9.0 | 11.0 | 2.10 | <0.5 | <0.5 | <0.5 |
| MW6B | 06/03/04 | 21.09 | 12.12 | 8.97 | No | --- | 56.0 | <100 | 6.2 | 5.90 | 0.60 | <0.5 | <0.5 | <0.5 |
| MW6B | 08/12/04 | 21.09 | c | c | c | <50c | 94.0c | <100c | --- | 3.40c | 0.70c | <0.5c | <0.5c | 0.9c |
| MW6B | 11/04/04 | 21.09 | 12.27 | 8.82 | No | <50 | <50.0 | 143 | --- | 2.60 | <0.50 | <0.5 | <0.5 | 0.7 |
| MW6B | 02/01/05 | 21.09 | 11.48 | 9.61 | No | <100 | 55.9 | <100 | --- | 7.50 | 1.30 | <0.5 | <0.5 | <0.5 |
| MW6B | 05/03/05 | 21.09 | 11.48 | 9.61 | No | <50 | <50.0 | <100 | --- | 4.90 | 0.50 | <0.5 | <0.5 | 0.8 |
| MW6B | 08/04/05 | 21.09 | 12.23 | 8.86 | No | <50.0 | <50.0 | <100 | --- | 5.99 | <0.500 | <0.500 | <0.500 | 0.692 |
| MW6B | 10/27/05 | 21.09 | 12.60 | 8.49 | No | <50.0 | <50.0 | <50.0 | --- | 1.65 | <0.50 | 0.94f | <0.50 | 1.29 |
| MW6B | 01/26/06 | 21.09 | 11.39 | 9.70 | No | 83d | 510 | <500 | --- | 12 | 130 | 12 | 14 | 39 |
| MW6B | 04/28/06 | 21.09 | 10.99 | 10.10 | No | 240d | 3,100 | <470 | --- | 43 | 920h | 110 | 130 | 290 |
| MW6B | 07/05/06 | 21.09 | 12.05 | 9.04 | No | <47.6 | 79.4 | <95.2 | --- | 11.4 | 2.95 | <1.00 | <1.00 | <3.00 |
| MW6B | 10/27/06 | 21.09 | 12.53 | 8.56 | No | <47 | <50.0 | <470 | --- | 2.25 | 0.63 | <0.50 | <0.50 | <0.50 |
| MW6B | 01/19/07 | 21.09 | 12.05 | 9.04 | No | <47 | <50.0 | <470 | --- | 3.75 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6B | 04/24/07 | 21.09 | 11.71 | 9.38 | No | 60.9d | <50.0 | <46.9 | --- | 4.19 | 0.51 | <0.50 | <0.50 | <0.50 |
| MW6B | 07/24/07 | 21.09 | 12.24 | 8.85 | No | <47 | <50 | <470 | --- | 3.2 | 0.80 | <0.50 | <0.50 | <0.50 |
| MW6B | 12/03/07 | 21.09 | 12.71 | 8.38 | No | <47 | 64 | <470 | --- | 2.8 | 2.5 | <0.50 | <0.50 | <0.50 |
| **MW6B** | **03/06/08** | **21.09** | **11.50** | **9.59** | **No** | **52d** | **330** | **<470** | **---** | **6.2** | **60** | **2.5** | **4.1** | **5.4** |
| MW6C | 06/15/88 | 99.89i | Well installed. | | | | | | | | | | | |
| MW6C | 05/10/90 | --- | Well over-drilled into recovery well RW3. | | | | | | | | | | | |
| MW6D | 07/06/88 | 98.78i | Well installed. | | | | | | | | | | | |
| MW6D | 05/10/90 | --- | Well over-drilled into recovery well RW2. | | | | | | | | | | | |
| MW6E | 10/04/88 | 98.99i | Well installed. | | | | | | | | | | | |
| MW6E | 10/20/88 | 98.99i | --- | --- | --- | --- | --- | --- | --- | --- | 1.1 | <2 | <1 | 3.4 |
| MW6E | 12/15/88 | 98.99i | 13.70 | 85.29i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6E | 09/07/89 | 98.99i | --- | --- | --- | --- | 220 | --- | --- | --- | 3.0 | ND | ND | ND |
| MW6E | 04/30/90 | 98.99i | 13.43 | 85.56i | --- | --- | 250 | --- | --- | --- | 57 | <5.0 | <5.0 | 53 |
| MW6E | 10/16/90 | 98.99i | 13.77 | 85.22i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6E | 12/06/90 | 98.99i | 13.95 | 85.04i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6E | 01/14/91 | 98.99i | 13.95 | 85.04i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6E | 02/08/91 | 98.99i | 13.20 | 85.79i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6E | 04/02/91 | 98.99i | 12.28 | 86.71i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6E | 05/07/91 | 98.99i | 13.48 | 85.51i | --- | --- | 160 | --- | --- | --- | 32 | 1.0 | 2.2 | 1.4 |
| MW6E | 05/31/91 | 98.99i | 14.09 | 84.90i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6E | 06/26/91 | 98.99i | 12.54 | 86.45i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6E | 08/05/91 | 98.99i | 14.39 | 84.60i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6E | 08/14/91 | 98.99i | 14.18 | 84.81i | --- | --- | ND | --- | --- | --- | 0.9 | <0.5 | <0.5 | <0.5 |

**TABLE 3A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Well ID | Sampling Date | TOC (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | TPHmo (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW6E | 09/11/91 | 98.99i | 14.73 | 84.26i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6E | 10/16/91 | 98.99i | 14.40 | 84.59i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6E | 12/30/91 | 98.99i | 13.39 | 85.60i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6E | 12/31/91 | 98.99i | --- | --- | --- | --- | 90 | --- | --- | --- | 3.1 | <0.5 | <0.5 | <0.5 |
| MW6E | 02/25/92 | 98.99i | 13.16 | 85.83i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6E | 03/25/92 | 98.99i | 12.15 | 86.84i | --- | --- | 830 | --- | --- | --- | 41 | 1.0 | 3.8 | 16 |
| MW6E | 06/16/92 | 15.23 | 13.54 | 1.69 | --- | --- | 3,400 | --- | --- | --- | 300 | 23 | 68 | 510 |
| MW6E | 09/08/92 | 15.23 | 14.78 | 0.45 | No | --- | 480 | --- | --- | --- | 27 | <0.5 | 3.6 | 21 |
| MW6E | 11/05/92 | 15.23 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6E | 12/14/92 | 15.23 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6E | 01/28/93 | 15.23 | 11.62 | 3.61 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6E | 02/11/93 | 15.23 | 12.85 | 2.38 | No | --- | 270 | --- | --- | --- | 15 | <0.5 | <0.5 | 8.7 |
| MW6E | 03/09/93 | 15.23 | 12.83 | 2.40 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6E | 04/14/93 | 15.23 | --- | --- | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6E | 05/11/93 | 15.23 | 13.59 | 1.64 | No | --- | <50 | --- | --- | --- | 2.3 | <0.5 | 1.4 | 3.2 |
| MW6E | 06/17/93 | 15.23 | 13.74 | 1.49 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6E | 07/26/93 | 15.23 | 14.01 | 1.22 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6E | 08/10/93 | 15.23 | 14.13 | 1.10 | No | --- | 1,700 | --- | --- | --- | 130 | 2.7 | 23 | 140 |
| MW6E | 09/21/93 | 15.23 | 14.20 | 1.03 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6E | 10/27/93 | 15.23 | 14.34 | 0.89 | No | --- | 100 | --- | --- | --- | 6.0 | <0.5 | <0.5 | <0.5 |
| MW6E | 11/23/93 | 15.23 | 13.97 | 1.26 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6E | 12/17/93 | 15.23 | 13.08 | 2.15 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6E | 02/16/94 | 15.23 | 13.34 | 1.89 | No | --- | 640 | --- | --- | --- | 45 | <0.5 | 12 | 15 |
| MW6E | 05/31/94 | 15.23 | 13.82 | 1.41 | No | --- | 52 | --- | --- | --- | 1.5 | 0.97 | <0.5 | <0.5 |
| MW6E | 08/30/94 | 17.63j | 14.32 | 3.31 | No | --- | 920 | --- | --- | --- | 22 | 0.98 | 5.2 | 33 |
| MW6E | 11/11/94 | 17.63j | 13.92 | 3.71 | No | --- | 910 | --- | --- | --- | 13 | 2.4 | 13 | 2.5 |
| MW6E | 02/27/95 | 17.63j | 12.96 | 4.67 | No | --- | <50 | --- | --- | --- | 1.9 | 1.3 | <0.5 | 0.83 |
| MW6E | 05/30/95 | 17.63j | 13.20 | 4.43 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6E | 08/30/95 | 17.63j | 13.85 | 3.78 | No | --- | 1,500 | --- | 11 | --- | 91 | 2.3 | 56 | 59 |
| MW6E | 11/26/96 | 17.63j | 12.94 | 4.69 | No | --- | <50 | --- | <30 | --- | 1.1 | <0.5 | <0.5 | <0.5 |
| MW6E | 02/27/97 | 17.63j | 12.28 | 5.35 | No | --- | <50 | --- | <30 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6E | 05/21/97 | 17.63j | 13.60 | 4.03 | No | --- | 160 | --- | <5 | --- | 10 | 1.4 | 5.5 | 4.8 |
| MW6E | 08/18/97 | 17.63j | 13.75 | 3.88 | No | --- | 66 | --- | <30 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6E | 03/13/98 | 17.63j | 11.36 | 6.27 | No | --- | <50 | --- | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6E | 04/20/98 | 17.63j | 11.88 | 5.75 | No | --- | <50 | --- | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6E | 07/21/98 | 21.58 | 13.10 | 8.48 | No | --- | 1,200 | --- | <10 | --- | 81 | 3.1 | 28 | 77 |
| MW6E | 10/06/98 | 21.58 | 13.55 | 8.03 | No | --- | <50 | --- | 6.6 | --- | 1.4 | 0.51 | <0.5 | 0.97 |
| MW6E | 01/11/99 | 21.58 | 13.40 | 8.18 | No | --- | <50 | --- | 5.1 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6E | 04/08/99 | 21.58 | 12.04 | 9.54 | No | --- | <50 | --- | 4.7 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6E | 07/19/99 | 21.58 | 11.59 | 9.99 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6E | 07/27/99 | 21.58 | 13.65 | 7.93 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6E | 10/25/99 | 21.58 | 13.52 | 8.06 | No | --- | <50 | --- | 2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6E | 01/27/00 | 21.58 | 11.71 | 9.87 | No | --- | <50 | --- | 2.3 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6E | 04/03/00 | 21.58 | 12.11 | 9.47 | No | --- | <50 | --- | <2 | --- | 0.51 | <0.5 | <0.5 | <0.5 |
| MW6E | 07/05/00 | 21.58 | 12.91 | 8.67 | No | --- | <50 | --- | <2 | --- | 3.7 | <0.5 | <0.5 | <0.5 |
| MW6E | 10/04/00 | 21.58 | 13.35 | 8.23 | No | --- | <50 | --- | <2 | --- | 4.1 | <0.5 | <0.5 | <0.5 |

**TABLE 3A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Well ID | Sampling Date | TOC (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | TPHmo (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW6E | 10/05/00 | 21.58 | --- | --- | --- | --- | --- | <1,000 | --- | --- | --- | --- | --- | --- |
| MW6E | 01/04/01 | 21.58 | 13.09 | 8.49 | No | --- | 61 | --- | <2 | --- | 11 | <0.5 | <0.5 | <0.5 |
| MW6E | 04/03/01 | 21.58 | 12.39 | 9.19 | No | --- | <50 | --- | <2 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6E | 07/05/01 | 21.58 | 13.21 | 8.37 | No | --- | 210 | --- | <2 | --- | 80 | <0.5 | 0.94 | 2.3 |
| MW6E | 10/03/01 | 21.58 | 13.30 | 8.28 | No | --- | <50 | --- | <2 | --- | 2.8 | <0.5 | <0.5 | <0.5 |
| MW6E | Oct-01 | 21.24 | Well surveyed in compliance with AB 2886 requirements. | | | | | | | | | | | |
| MW6E | 01/02/02 | 21.24 | 10.11 | 11.13 | No | --- | <100 | --- | <0.5 | --- | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6E | 04/02/02 | 21.24 | 12.11 | 9.13 | No | --- | <50.0 | <100 | 0.70 | --- | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6E | 07/01/02 | 21.24 | 12.46 | 8.78 | No | --- | 56.0 | <100a | <0.5 | --- | 19.9 | <0.5 | <0.5 | <0.5 |
| MW6E | 10/02/02 | 21.24 | 13.48 | 7.76 | No | --- | <50.0 | <100 | 0.8 | --- | 0.5 | <0.5 | <0.5 | <0.5 |
| MW6E | 01/07/03 | 21.24 | 11.81 | 9.43 | No | --- | <50.0 | <50 | <0.5 | <0.50 | 0.5 | <0.5 | <0.5 | <0.5 |
| MW6E | 06/17/03 | 21.24 | 12.72 | 8.52 | No | --- | <50.0 | 153 | <0.5 | <0.50 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6E | 07/16/03 | 21.24 | 12.92 | 8.32 | No | --- | <50.0 | <100 | <0.5 | <0.50 | 4.50 | <0.5 | <0.5 | <0.5 |
| MW6E | 10/07/03 | 21.24 | 13.34 | 7.90 | No | <50 | <50.0 | <100 | 0.9 | 0.60 | 2.50 | <0.5 | <0.5 | <0.5 |
| MW6E | 01/14/04 | 21.24 | 11.92 | 9.32 | No | <50 | <50.0 | <100 | <0.5 | <0.50 | 0.50 | <0.5 | <0.5 | <0.5 |
| MW6E | 06/03/04 | 21.24 | 12.97 | 8.27 | No | <50 | <50.0 | <100 | <0.5 | <0.50 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6E | 08/12/04 | 21.24 | c | c | c | <50c | <50.0c | <100c | --- | <0.50c | 4.30c | <0.5c | <0.5c | 0.8c |
| MW6E | 11/04/04 | 21.24 | 12.68 | 8.56 | No | <50 | <50.0 | 124 | --- | <0.50 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6E | 02/01/05 | 21.24 | 11.75 | 9.49 | No | <100 | <50.0 | <100 | --- | <0.50 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6E | 05/03/05 | 21.24 | 11.93 | 9.31 | No | 64d | <50.0 | 116 | --- | <0.50 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6E | 08/04/05 | 21.24 | 12.92 | 8.32 | No | 96.2d | 87.9 | 122 | --- | <0.500 | 14.1 | <0.500 | <0.500 | 0.792 |
| MW6E | 10/27/05 | 21.24 | 13.24 | 8.00 | No | <50.0 | <50.0 | <50.0 | --- | <0.500 | <0.50 | 0.91f | <0.50 | 1.22 |
| MW6E | 01/26/06 | 21.24 | 11.78 | 9.46 | No | <50 | <50 | <500 | --- | <0.50 | 7.2 | 0.67 | 0.71 | 2.0 |
| MW6E | 04/28/06 | 21.24 | 11.27 | 9.97 | No | <47 | <50 | <470 | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6E | 07/05/06 | 21.24 | 12.67 | 8.57 | No | 149 | <50.0 | 316 | --- | <0.500 | <1.00 | <1.00 | <1.00 | <3.00 |
| MW6E | 10/27/06 | 21.24 | 13.34 | 7.90 | No | <47 | <50.0 | <470 | --- | <0.500 | <0.50 | 0.81 | <0.50 | 1.26 |
| MW6E | 01/19/07 | 21.24 | 12.66 | 8.58 | No | <47 | <50.0 | <470 | --- | <0.500 | 2.33 | <0.50 | <0.50 | <0.50 |
| MW6E | 04/24/07 | 21.24 | 12.00 | 9.24 | No | 82.2d | <50.0 | 76.7 | --- | <0.500 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6E | 07/24/07 | 21.24 | 13.02 | 8.22 | No | 70d | 55 | <470 | --- | <0.50 | 18 | <0.50 | <0.50 | <0.50 |
| MW6E | 12/03/07 | 21.24 | 13.24 | 8.00 | No | <47 | <50 | <470 | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| **MW6E** | **03/06/08** | **21.24** | **11.79** | **9.45** | **No** | **<47** | **<50** | **<470** | **---** | **<0.50** | **<0.50** | **<0.50** | **<0.50** | **<0.50** |
| MW6F | 10/05/88 | 99.91i | Well installed. | | | | | | | | | | | |
| MW6F | 10/25/88 | 99.91i | --- | --- | --- | --- | ND | --- | --- | --- | <0.5 | <1 | <2 | 2.4 |
| MW6F | 12/15/88 | 99.91i | 14.48 | 85.43i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 09/07/89 | 99.91i | --- | --- | --- | --- | ND | --- | --- | --- | ND | ND | ND | ND |
| MW6F | 04/30/90 | 99.91i | 14.14 | 85.77i | --- | --- | ND | --- | --- | --- | ND | ND | ND | ND |
| MW6F | 10/16/90 | 99.91i | 14.77 | 85.14i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 12/06/90 | 99.91i | 14.81 | 85.10i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 01/14/91 | 99.91i | 14.73 | 85.18i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 02/08/91 | 99.91i | 13.73 | 86.18ii | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 04/02/91 | 99.91i | 12.38 | 87.53i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 05/07/91 | 99.91i | 13.67 | 86.24i | --- | --- | ND | --- | --- | --- | ND | <0.5 | <0.5 | <0.5 |
| MW6F | 05/31/91 | 99.91i | 14.43 | 85.48i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 06/26/91 | 99.91i | 14.81 | 85.10i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 3A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Well ID | Sampling Date | TOC (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | TPHmo (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW6F | 08/05/91 | 99.91i | 14.96 | 84.95i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 08/14/91 | 99.91i | 14.87 | 85.04i | --- | --- | ND | --- | --- | --- | ND | <0.5 | <0.5 | <0.5 |
| MW6F | 09/11/91 | 99.91i | 15.11 | 84.80i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 10/16/91 | 99.91i | 15.16 | 84.75i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 12/30/91 | 99.91i | 13.78 | 86.13i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 12/31/91 | 99.91i | --- | --- | --- | --- | ND | --- | --- | --- | ND | <0.5 | <0.5 | <0.5 |
| MW6F | 02/25/92 | 99.91i | 12.68 | 87.23i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 03/25/92 | 99.91i | 11.93 | 87.98i | --- | --- | ND | --- | --- | --- | ND | <0.5 | <0.5 | <0.5 |
| MW6F | 06/16/92 | 16.46 | 14.34 | 2.12 | --- | --- | ND | --- | --- | --- | ND | <0.5 | <0.5 | <0.5 |
| MW6F | 09/08/92 | 16.46 | 14.75 | 1.71 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6F | 11/05/92 | 16.46 | 14.35 | 2.11 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6F | 12/14/92 | 16.46 | 12.90 | 3.56 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 01/28/93 | 16.46 | 11.60 | 4.86 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 02/11/93 | 16.46 | 12.25 | 4.21 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6F | 03/09/93 | 16.46 | 12.50 | 3.96 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 04/14/93 | 16.46 | 12.71 | 3.75 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 05/11/93 | 16.46 | 13.63 | 2.83 | No | --- | <50 | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 06/17/93 | 16.46 | 14.02 | 2.44 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 07/26/93 | 16.46 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 08/10/93 | 16.46 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 09/21/93 | 16.46 | 14.80 | 1.66 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 10/27/93 | 16.46 | 14.85 | 1.61 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6F | 11/23/93 | 16.46 | Welll inaccessible. | | | | | | | | | | | |
| MW6F | 12/17/93 | 16.46 | 13.86 | 2.60 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 02/16/94 | 16.46 | 13.08 | 3.38 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6F | 05/31/94 | 16.46 | 14.06 | 2.40 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6F | 08/30/94 | 18.58j | 14.84 | 3.74 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6F | 11/11/94 | 18.58j | 12.60 | 5.98 | No | --- | <50 | --- | --- | --- | <0.5 | 0.54 | <0.5 | <0.5 |
| MW6F | 02/27/95 | 18.58j | 12.75 | 5.83 | No | --- | <50 | --- | --- | --- | 6.2 | 3.0 | 0.82 | 3.5 |
| MW6F | 05/30/95 | 18.58j | 13.16 | 5.42 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6F | 08/30/95 | 18.58j | 14.31 | 4.27 | No | --- | <50 | --- | <10 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6F | 11/26/96 | 18.58j | 13.29 | 5.29 | No | --- | <50 | --- | <30 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6F | 02/27/97 | 18.58j | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 05/21/97 | 18.58j | 14.18 | 4.40 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 08/18/97 | 18.58j | 14.69 | 3.89 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 03/13/98 | 18.58j | 10.93 | 7.65 | No | --- | <50 | --- | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6F | 04/20/98 | 18.58j | 11.77 | 6.81 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 07/21/98 | 22.51 | 13.62 | 8.89 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 10/06/98 | 22.51 | 13.52 | 8.99 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 01/11/99 | 22.51 | 14.06 | 8.45 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 04/08/99 | 22.51 | 11.86 | 10.65 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 07/19/99 | 22.51 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 07/27/99 | 22.51 | Well inaccessible. | | | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 10/25/99 | 22.51 | 12.63 | 9.88 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 01/27/00 | 22.51 | 12.23 | 10.28 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6F | 04/03/00 | 22.51 | 12.11 | 10.40 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 3A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Well ID | Sampling Date | TOC (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | TPHmo (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW6F | 07/05/00 | 22.51 | 13.38 | 9.13 | No | --- | <50 | --- | <2 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6F | 10/04/00 | 22.51 | 14.02 | 8.49 | No | --- | <50 | --- | <2 | --- | <0.5 | <0.5 | <0.5 | 0.7 |
| MW6F | 10/05/00 | 22.51 | --- | --- | --- | --- | --- | <1,000 | --- | --- | --- | --- | --- | --- |
| MW6F | 01/04/01 | 22.51 | 13.69 | 8.82 | No | --- | <50 | --- | <2 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6F | 04/03/01 | 22.51 | 12.55 | 9.96 | No | --- | <50 | --- | <2 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6F | 07/05/01 | 22.51 | 13.74 | 8.77 | No | --- | <50 | --- | <2 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6F | 10/03/01 | 22.51 | 13.82 | 8.69 | No | --- | <50 | --- | <2 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6F | Oct-01 | 22.17 | Well surveyed in compliance with AB 2886 requirements. | | | | | | | | | | | |
| MW6F | 01/02/02 | 22.17 | 9.16 | 13.01 | No | --- | <100 | --- | <0.5 | --- | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6F | 04/02/02 | 22.17 | 12.14 | 10.03 | No | --- | <50.0 | <100 | <0.50 | --- | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6F | 07/01/02 | 22.17 | 13.46 | 8.71 | No | --- | <50 | <100a | <0.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6F | 10/02/02 | 22.17 | 14.19 | 7.98 | No | --- | <50.0 | <100 | <0.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6F | 01/07/03 | 22.17 | 11.73 | 10.44 | No | --- | <50.0 | <50 | <0.5 | <0.50 | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6F | 06/17/03 | 22.17 | 13.13 | 9.04 | No | --- | <50.0 | <100 | <0.5 | <0.50 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6F | 07/16/03 | 22.17 | 13.51 | 8.66 | No | --- | <50.0 | <100 | <0.5 | <0.50 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6F | 10/07/03 | 22.17 | 14.05 | 8.12 | No | <50 | <50.0 | <100 | <0.5 | <0.50 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6F | 01/14/04 | 22.17 | 11.90 | 10.27 | No | <50 | <50.0 | <100 | <0.5 | <0.50 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6F | 06/03/04 | 22.17 | 13.45 | 8.72 | No | <50 | <50.0 | <100 | <0.5 | <0.50 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6F | 08/12/04 | 22.17 | c | c | c | 52c | <50.0c | <100c | --- | <0.50c | <0.50c | <0.5c | <0.5c | <0.5c |
| MW6F | 11/04/04 | 22.17 | 13.03 | 9.14 | No | <50 | <50.0 | 109 | --- | <0.50 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6F | 02/01/05 | 22.17 | 11.56 | 10.61 | No | <100 | <50.0 | <100 | --- | <0.50 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6F | 05/03/05 | 22.17 | 11.92 | 10.25 | No | <50 | <50.0 | <100 | --- | <0.50 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6F | 08/04/05 | 22.17 | 13.42 | 8.75 | No | <50.0 | <50.0 | <100 | --- | <0.500 | <0.500 | <0.500 | <0.500 | <0.500 |
| MW6F | 10/27/05 | 22.17 | 13.88 | 8.29 | No | <50.0 | <50.0 | <50.0 | --- | <0.500 | <0.50 | 0.93f | <0.50 | <0.50 |
| MW6F | 01/26/06 | 22.17 | 11.83 | 10.34 | No | <50 | <50 | <500 | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6F | 04/28/06 | 22.17 | 10.96 | 11.21 | No | <47 | <50 | <470 | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6F | 07/05/06 | 22.17 | 13.05 | 9.12 | No | <47.6 | <50.0 | <95.2 | --- | <0.500 | <1.00 | <1.00 | <1.00 | <3.00 |
| MW6F | 10/27/06 | 22.17 | 14.06 | 8.11 | No | <47 | <50.0 | <470 | --- | <0.500 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6F | 01/19/07 | 22.17 | 13.06 | 9.11 | No | <47 | <50.0 | <470 | --- | <0.500 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6F | 04/24/07 | 22.17 | 12.01 | 10.16 | No | 103d | <50.0 | 93.5 | --- | <0.500 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6F | 07/24/07 | 22.17 | 13.61 | 8.56 | No | <47 | <50 | <470 | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6F | 12/03/07 | 22.17 | 13.80 | 8.37 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **MW6F** | **03/06/08** | **22.17** | **11.77** | **10.40** | **No** | **<47** | **<50** | **<470** | **---** | **<0.50** | **<0.50** | **<0.50** | **<0.50** | **<0.50** |
| MW6G | 11/16/88 | 99.16i | Well installed. | | | | | | | | | | | |
| MW6G | 12/07/88 | 99.16i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 12/15/88 | 99.16i | 12.22 | 86.94i | --- | --- | ND | --- | --- | --- | <0.5 | <1 | <2 | <1 |
| MW6G | 09/07/89 | 99.16i | --- | --- | --- | --- | ND | --- | --- | --- | ND | ND | ND | ND |
| MW6G | 04/30/90 | 99.16i | 11.73 | 87.43i | --- | --- | ND | --- | --- | --- | ND | ND | ND | ND |
| MW6G | 10/16/90 | 99.16i | 12.28 | 86.88i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 12/06/90 | 99.16i | 12.27 | 86.89i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 01/14/91 | 99.16i | 12.14 | 87.02i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 02/08/91 | 99.16i | 11.44 | 87.72i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 04/02/91 | 99.16i | 10.03 | 89.13i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 05/07/91 | 99.16i | 11.00 | 88.16i | --- | --- | ND | --- | --- | --- | ND | <0.5 | <0.5 | <0.5 |

**TABLE 3A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Well ID | Sampling Date | TOC (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | TPHmo (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW6G | 05/31/91 | 99.16i | 11.75 | 87.41i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 06/26/91 | 99.16i | 12.91 | 86.25i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 08/05/91 | 99.16i | 12.43 | 86.73i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 08/14/91 | 99.16i | 12.43 | 86.73i | --- | --- | ND | --- | --- | --- | ND | <0.5 | <0.5 | <0.5 |
| MW6G | 09/11/91 | 99.16i | 12.48 | 86.68i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 10/16/91 | 99.16i | 12.64 | 86.52i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 12/30/91 | 99.16i | 11.80 | 87.36i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 12/31/91 | 99.16i | --- | --- | --- | --- | ND | --- | --- | --- | ND | <0.5 | <0.5 | <0.5 |
| MW6G | 02/25/92 | 99.91i | 10.32 | 88.84i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 03/25/92 | 99.91i | 9.93 | 89.23i | --- | --- | ND | --- | --- | --- | ND | <0.5 | <0.5 | <0.5 |
| MW6G | 06/16/92 | 14.71 | 11.88 | 2.83 | --- | --- | ND | --- | --- | --- | ND | <0.5 | <0.5 | <0.5 |
| MW6G | 09/08/92 | 14.71 | 12.20 | 2.51 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6G | 11/05/92 | 14.71 | 12.02 | 2.69 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6G | 12/14/92 | 14.71 | 10.95 | 3.76 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 01/28/93 | 14.71 | 9.56 | 5.15 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 02/11/93 | 14.71 | 10.04 | 4.67 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6G | 03/09/93 | 14.71 | 10.10 | 4.61 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 04/14/93 | 14.71 | 10.43 | 4.28 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 05/11/93 | 14.71 | 11.05 | 3.66 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6G | 06/17/93 | 14.71 | 11.49 | 3.22 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 07/26/93 | 14.71 | 11.98 | 2.73 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 08/10/93 | 14.71 | 12.17 | 2.54 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6G | 09/21/93 | 14.71 | 12.42 | 2.29 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 10/27/93 | 14.71 | 13.47 | 1.24 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6G | 11/23/93 | 14.71 | 12.48 | 2.23 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 12/17/93 | 14.71 | 11.19 | 3.52 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 02/16/94 | 14.71 | 10.62 | 4.09 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6G | 05/31/94 | 14.71 | 11.40 | 3.31 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6G | 08/30/94 | 16.82j | 12.32 | 4.50 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6G | 11/11/94 | 16.82j | 11.06 | 5.76 | No | --- | 58 | --- | --- | --- | 0.58 | 1.6 | <0.5 | 1.6 |
| MW6G | 02/27/95 | 16.82j | 10.32 | 6.50 | No | --- | <50 | --- | --- | --- | 0.86 | 0.99 | <0.5 | 0.51 |
| MW6G | 05/30/95 | 16.82j | 10.77 | 6.05 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6G | 08/30/95 | 16.82j | 11.92 | 4.90 | No | --- | <50 | --- | <10 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6G | 11/26/96 | 16.82j | 11.12 | 5.70 | No | --- | <50 | --- | <30 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6G | 02/27/97 | 16.82j | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 05/21/97 | 16.82j | 11.76 | 5.06 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 08/18/97 | 16.82j | 12.23 | 4.59 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 03/13/98 | 16.82j | 9.13 | 7.69 | No | --- | <50 | --- | 4.4 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6G | 04/20/98 | 16.82j | 9.73 | 7.09 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 07/21/98 | 20.72 | 11.15 | 9.57 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 10/06/98 | 20.72 | 11.91 | 8.81 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 01/11/99 | 20.72 | 12.00 | 8.72 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 04/08/99 | 20.72 | 10.04 | 10.68 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 07/19/99 | 20.72 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 07/27/99 | 20.72 | 11.75 | 8.97 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 10/25/99 | 20.72 | 11.76 | 8.96 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 3A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Well ID | Sampling Date | TOC (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | TPHmo (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW6G | 01/27/00 | 20.72 | 11.46 | 9.26 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 04/03/00 | 20.72 | 10.00 | 10.72 | No | --- | -- | --- | --- | --- | --- | --- | --- | --- |
| MW6G | 07/05/00 | 20.72 | 11.24 | 9.48 | No | --- | <50 | --- | <2 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6G | 10/04/00 | 20.72 | 11.88 | 8.84 | No | --- | <50 | --- | <2 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6G | 10/05/00 | 20.72 | --- | --- | --- | --- | --- | <1,000 | --- | --- | --- | --- | --- | --- |
| MW6G | 01/04/01 | 20.72 | 11.56 | 9.16 | No | --- | <50 | --- | <2 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6G | 04/03/01 | 20.72 | 10.45 | 10.27 | No | --- | <50 | --- | <2 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6G | 07/05/01 | 20.72 | 11.51 | 9.21 | No | --- | <50 | --- | <2 | --- | 0.75 | <0.5 | <0.5 | <0.5 |
| MW6G | 10/03/01 | 20.72 | 11.63 | 9.09 | No | --- | <50 | --- | <2 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6G | Oct-01 | 20.46 | Well surveyed in compliance with AB 2886 requirements. | | | | | | | | | | | |
| MW6G | 01/02/02 | 20.46 | 9.15 | 11.31 | No | --- | <100 | --- | 1.8 | --- | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6G | 04/02/02 | 20.46 | 10.19 | 10.27 | No | --- | <50.0 | <100 | 1.10 | --- | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6G | 07/01/02 | 20.46 | 11.35 | 9.11 | No | --- | <50 | <100a | 1.3 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6G | 10/02/02 | 20.46 | 11.99 | 8.47 | No | --- | <50.0 | <100 | 0.7 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6G | 01/07/03 | 20.46 | 9.97 | 10.49 | No | --- | <50.0 | <50 | 1.3 | 2.0 | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6G | 06/17/03 | 20.46 | 10.98 | 9.48 | No | --- | <50.0 | <100 | 1.5 | 1.6 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6G | 07/16/03 | 20.46 | 11.37 | 9.09 | No | --- | <50.0 | <100 | 1.2 | 0.9 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6G | 10/07/03 | 20.46 | 11.90 | 8.56 | No | <50 | <50.0 | <100 | 0.8 | 0.80 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6G | 01/14/04 | 20.46 | 10.10 | 10.36 | No | <50 | <50.0 | <100 | 1.0 | 1.40 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6G | 06/03/04 | 20.46 | 11.10 | 9.36 | No | <50 | <50.0 | <100 | 1.40 | 1.4 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6G | 08/12/04 | 20.46 | c | c | c | 99c | <50.0c | 101c | --- | 1.10c | <0.50c | <0.5c | <0.5c | <0.5c |
| MW6G | 11/04/04 | 20.46 | 11.18 | 9.28 | No | <50 | <50.0 | <100 | --- | <0.50 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6G | 02/01/05 | 20.46 | 9.79 | 10.67 | No | <100 | <50.0 | <100 | --- | 3.40 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6G | 05/03/05 | 20.46 | 9.95 | 10.51 | No | <50 | <50.0 | <100 | --- | 1.40 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6G | 08/04/05 | 20.46 | 11.22 | 9.24 | No | <50.0 | <50.0 | <100 | --- | 1.42 | <0.500 | <0.500 | <0.500 | <0.500 |
| MW6G | 10/27/05 | 20.46 | 11.76 | 8.70 | No | <50.0 | <50.0 | 61.3 | --- | 0.810 | <0.50 | 0.93f | <0.50 | <0.50 |
| MW6G | 01/26/06 | 20.46 | 11.07 | 9.39 | No | <50 | <50 | <500 | --- | 1.8 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6G | 04/28/06 | 20.46 | 9.11 | 11.35 | No | <47 | <50 | <470 | --- | 2.8 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6G | 07/05/06 | 20.46 | 10.70 | 9.76 | No | 88.6 | <50.0 | 277 | --- | 2.49 | <1.00 | <1.00 | <1.00 | <3.00 |
| MW6G | 10/27/06 | 20.46 | 11.75 | 8.71 | No | <47 | 61.9 | <470 | --- | 1.40 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6G | 01/19/07 | 20.46 | 10.94 | 9.52 | No | <47 | <50.0 | <470 | --- | 1.34 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6G | 04/24/07 | 20.46 | 10.40 | 10.06 | No | <47.6 | <50.0 | <47.6 | --- | 2.17 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6G | 07/24/07 | 20.46 | 11.49 | 8.97 | No | <47 | <50 | <470 | --- | 1.3 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6G | 12/03/07 | 20.46 | 11.60 | 8.86 | No | <47 | <50 | <470 | --- | 0.88 | <0.50 | <0.50 | <0.50 | <0.50 |
| **MW6G** | **03/06/08** | **20.46** | **9.79** | **10.67** | **No** | **<47** | **<50** | **<470** | **---** | **2.0** | **<0.50** | **<0.50** | **<0.50** | **<0.50** |
| | | | | | | | | | | | | | | |
| MW6H | 11/16/88 | | Well installed. | | | | | | | | | | | |
| MW6H | 12/07/88 | 97.93i | --- | --- | --- | --- | --- | --- | --- | --- | 1,200 | 320 | 110 | 220 |
| MW6H | 12/15/88 | 97.93i | 12.36 | 85.57i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6H | 09/07/89 | 97.93i | --- | --- | --- | --- | 660 | --- | --- | --- | 480 | <10 | 16 | <15 |
| MW6H | 04/30/90 | 97.93i | 12.10 | 85.83i | --- | --- | 630 | --- | --- | --- | 700 | 39 | 31 | 50 |
| MW6H | 10/16/90 | 97.93i | 12.18 | 85.75i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6H | 12/06/90 | 97.93i | 12.29 | 85.64i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6H | 01/14/91 | 97.93i | 12.22 | 85.71i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6H | 02/08/91 | 97.93i | 11.93 | 86.00i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 3A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Well ID | Sampling Date | TOC (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | TPHmo (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW6H | 04/02/91 | 97.93i | 11.59 | 86.34i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6H | 05/07/91 | 97.93i | 12.24 | 85.69i | --- | --- | 570 | --- | --- | --- | 95 | 14 | 15 | 21 |
| MW6H | 05/31/91 | 97.93i | 12.22 | 85.71i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6H | 06/26/91 | 97.93i | 14.34 | 83.59i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6H | 08/05/91 | 97.93i | 12.62 | 85.31i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6H | 08/14/91 | 97.93i | 12.43 | 85.50i | --- | --- | 540 | --- | --- | --- | 52 | 9.9 | 11 | 18 |
| MW6H | 09/11/91 | 97.93i | 12.83 | 85.10i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6H | 10/16/91 | 97.93i | 12.71 | 85.22i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6H | 12/30/91 | 97.93i | 12.16 | 85.77i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6H | 12/31/91 | 97.93i | --- | --- | --- | --- | 790 | --- | --- | --- | 52 | 28 | 22 | 42 |
| MW6H | 02/25/92 | 97.93i | 12.17 | 85.76i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6H | 03/25/92 | 97.93i | 11.65 | 86.28i | --- | --- | 920 | --- | --- | --- | 170 | 52 | 25 | 54 |
| MW6H | 06/16/92 | 14.47 | 12.12 | 2.35 | --- | --- | 460 | --- | --- | --- | 31 | 11 | 6.8 | 16 |
| MW6H | 09/08/92 | 14.47 | 12.30 | 2.17 | No | --- | 780 | --- | --- | --- | 69 | 23 | 17 | 18 |
| MW6H | 11/05/92 | 14.47 | 12.05 | 2.42 | No | --- | 3,400 | --- | --- | --- | 500 | 260 | 85 | 160 |
| MW6H | 12/14/92 | 14.47 | 11.65 | 2.82 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6H | 01/28/93 | 14.47 | 11.57 | 2.90 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6H | 02/11/93 | 14.47 | 12.22 | 2.25 | No | --- | 2,500 | --- | --- | --- | 410 | 170 | 28 | 130 |
| MW6H | 03/09/93 | 14.47 | 12.02 | 2.45 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6H | 04/14/93 | 14.47 | 12.02 | 2.45 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6H | 05/11/93 | 14.47 | 12.35 | 2.12 | No | --- | 4,200 | --- | --- | --- | 490 | 270 | 80 | 210 |
| MW6H | 06/17/93 | 14.47 | 12.22 | 2.25 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6H | 07/26/93 | 14.47 | 12.32 | 2.15 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6H | 08/10/93 | 14.47 | 12.30 | 2.17 | No | --- | 650 | --- | --- | --- | 83 | 22 | 14 | 29 |
| MW6H | 09/21/93 | 14.47 | 12.79 | 1.68 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6H | 10/27/93 | 14.47 | 13.93 | 0.54 | No | --- | 1,600 | --- | --- | --- | 130 | 90 | 29 | 130 |
| MW6H | 11/23/93 | 14.47 | 12.46 | 2.01 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6H | 12/17/93 | 14.47 | 12.08 | 2.39 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6H | 02/16/94 | 14.47 | 12.31 | 2.16 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | 2.9 |
| MW6H | 05/31/94 | 14.47 | 12.46 | 2.01 | No | --- | 1,800 | --- | --- | --- | 370 | 220 | 65 | 210 |
| MW6H | 08/30/94 | 16.58j | 12.72 | 3.86 | No | --- | 1,900 | --- | --- | --- | 130 | 90 | 19 | 86 |
| MW6H | 11/11/94 | 16.58j | 11.98 | 4.60 | No | --- | 13,000 | --- | --- | --- | 1,700 | 1,400 | 260 | 1,800 |
| MW6H | 02/27/95 | 16.58j | 11.89 | 4.69 | No | --- | 320 | --- | --- | --- | 450 | 120 | 28 | 79 |
| MW6H | 05/30/95 | 16.58j | 12.05 | 4.53 | No | --- | 2,300 | --- | --- | --- | 960 | 260 | 64 | 200 |
| MW6H | 08/30/95 | 16.58j | 12.34 | 4.24 | No | --- | 2,100 | --- | 50 | --- | 590 | 35 | 24 | 74 |
| MW6H | 11/26/96 | 16.58j | 11.87 | 4.71 | No | --- | 1,200 | --- | <30 | --- | 320 | 110 | 22 | 85 |
| MW6H | 02/27/97 | 16.58j | 11.58 | 5.00 | No | --- | 1,800 | --- | <200 | --- | 760 | 31 | 8.4 | 44 |
| MW6H | 05/21/97 | 16.58j | 12.23 | 4.35 | No | --- | 1,100 | --- | 81 | --- | 640 | 18 | 5.4 | 45 |
| MW6H | 08/18/97 | 16.58j | 12.29 | 4.29 | No | --- | 870 | --- | 26 | --- | 200 | 3.6 | 2.4 | 7.4 |
| MW6H | 03/13/98 | 20.47 | 11.44 | 9.03 | No | --- | 5,300 | --- | <125 | --- | 1,900 | 720 | 100 | 470 |
| MW6H | 04/20/98 | 20.47 | 11.58 | 8.89 | No | --- | 6,000 | --- | 2,700 | --- | 1,500 | 600 | 91 | 440 |
| MW6H | 07/21/98 | 20.47 | 11.97 | 8.50 | No | --- | 2,200 | --- | 1,600 | --- | 740 | 44 | 15 | 63 |
| MW6H | 10/06/98 | 20.47 | 12.23 | 8.24 | No | --- | 5,400 | --- | 3,000 | --- | 1,900 | <25 | <25 | 76 |
| MW6H | 01/11/99 | 20.47 | 12.17 | 8.30 | No | --- | 2,600 | --- | 4,300 | --- | 1,200 | <12 | <12 | 20 |
| MW6H | 04/08/99 | 20.47 | 11.56 | 8.91 | No | --- | 13,000 | --- | 13,000 | --- | 3,400 | 1,300 | 260 | 1,200 |
| MW6H | 07/19/99 | 20.47 | 11.71 | 8.76 | No | --- | <2,000 | --- | 6,920 | 8,520 | 732 | <20 | <20 | <20 |

**TABLE 3A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Well ID | Sampling Date | TOC (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | TPHmo (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW6H | 07/27/99 | 20.47 | 12.39 | 8.08 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6H | 10/25/99 | 20.47 | 12.16 | 8.31 | No | --- | 700 | --- | 4,000 | --- | 360 | 1.1 | 0.68 | 2 |
| MW6H | 01/27/00 | 20.47 | 11.60 | 8.87 | No | --- | 9,100 | --- | 7,600 | --- | 2,400 | 840 | 150 | 670 |
| MW6H | 04/03/00 | 20.47 | 11.62 | 8.85 | No | --- | 12,000 | --- | 8,800 | --- | 2,800 | 1,100 | 230 | 1,020 |
| MW6H | 07/05/00 | 20.47 | 11.93 | 8.54 | No | --- | 12,000 | --- | 8,000 | --- | 1,200 | 56 | 13 | 92 |
| MW6H | 10/04/00 | 20.47 | 12.16 | 8.31 | No | --- | 4,400 | --- | 8,400 | --- | 1,500 | 23 | 12 | 80.6 |
| MW6H | 10/05/00 | 20.47 | --- | --- | --- | --- | --- | <1,000 | --- | --- | --- | --- | --- | --- |
| MW6H | 01/04/01 | 20.47 | 12.03 | 8.44 | No | --- | 2,300 | --- | 3,800 | --- | 880 | 15 | 6.4 | 33.9 |
| MW6H | 04/03/01 | 20.47 | 11.73 | 8.74 | No | --- | 7,800 | --- | 5,100 | --- | 2,000 | 730 | 140 | 590 |
| MW6H | 07/05/01 | 20.47 | 11.98 | 8.49 | No | --- | 2,300 | --- | 3,200 | --- | 630 | 25 | 10 | 40.8 |
| MW6H | 10/03/01 | 20.47 | 12.1 | 8.37 | No | --- | 1,400 | --- | 550 | --- | 270 | 5.6 | 4.2 | 11.6 |
| MW6H | Oct-01 | 20.20 | Well surveyed in compliance with AB 2886 requirements. | | | | | | | | | | | |
| MW6H | 01/02/02 | 20.20 | 11.14 | 9.06 | No | --- | 47,100 | --- | 4,260 | --- | 7,880 | 5,220 | 1,060 | 4,460 |
| MW6H | 04/02/02 | 20.20 | 11.68 | 8.52 | No | --- | 17,500 | <500 | 1,590 | --- | 2,280 | 1,290 | 282 | 1,090 |
| MW6H | 07/01/02 | 20.20 | 11.97 | 8.23 | No | --- | 5,370 | <100a | 1,910 | --- | 1,170 | 200 | 44.0 | 158 |
| MW6H | 10/02/02 | 20.20 | 12.20 | 8.00 | No | --- | 2,570 | <100 | 899 | --- | 655 | 13.0 | 8.0 | 25.0 |
| MW6H | 01/07/03 | 20.20 | 11.58 | 8.62 | No | --- | 12,500 | <50 | 1,700 | 2,500 | 2,480 | 1,340 | 250 | 1,120 |
| MW6H | 06/17/03 | 20.20 | 11.82 | 8.38 | No | --- | 6,330 | <100 | 1,490 | 1,660 | 604 | 104 | 44.0 | 152 |
| MW6H | 07/16/03 | 20.20 | 12.89 | 7.31 | No | --- | 3,170 | <100 | 1,270 | 1,170 | 614 | 20.0 | 9.5 | 31.8 |
| MW6H | 10/07/03 | 20.20 | 12.10 | 8.10 | No | --- | 2,090 | <100 | 612 | 640 | 433 | 11.6 | 6.7 | 22.5 |
| MW6H | 01/14/04 | 20.20 | 11.55 | 8.65 | No | 390 | 6,320 | <100 | 59.0 | 1,250 | 1,340 | 517 | 117 | 515 |
| MW6H | 06/03/04 | 20.20 | 11.92 | 8.28 | No | --- | 3,330 | <100 | 604 | 632 | 546 | 128 | 38.4 | 140 |
| MW6H | 08/12/04 | 20.20 | c | c | c | 174c | 1,920c | <100c | --- | 426c | 330c | 17.9c | 9.3c | 35.3c |
| MW6H | 11/04/04 | 20.20 | 11.86 | 8.34 | No | 578 | 8,090 | 552 | --- | 442 | 1,280 | 620 | 185 | 822 |
| MW6H | 02/01/05 | 20.20 | 11.55 | 8.65 | No | 616 | 9,500 | 193 | --- | 335 | 1,360 | 764 | 214 | 844 |
| MW6H | 05/03/05 | 20.20 | 11.54 | 8.66 | No | 560d | 9,120 | 168 | --- | 323 | 1,320 | 886 | 245 | 928 |
| MW6H | 08/04/05 | 20.20 | 11.89 | 8.31 | No | 269d | 1,810 | 143 | --- | 268 | 349 | 57.0 | 20.1 | 70.0 |
| MW6H | 10/27/05 | 20.20 | 12.10 | 8.10 | No | 228 | 942 | 98.5 | --- | 164 | 154 | 23.1f | 6.09 | 23.2 |
| MW6H | 01/26/06 | 20.20 | 11.54 | 8.66 | No | 910d | 20,000 | <500 | --- | 270 | 3,200 | 3,400 | 660 | 3,100 |
| MW6H | 04/28/06 | 20.20 | 11.29 | 8.91 | No | 550d | 11,000 | <470 | --- | 160 | 2,000 | 1,500 | 380 | 1,600 |
| MW6H | 07/05/06 | 20.20 | 11.90 | 8.30 | No | 273 | 2,360 | 114 | --- | 82.9 | 389 | 111 | 39.5 | 125 |
| MW6H | 10/27/06 | 20.20 | 12.08 | 8.12 | No | 120d | 1,460 | <470 | --- | 69.4 | 215 | 27.9 | 16.2 | 43.4 |
| MW6H | 01/19/07 | 20.20 | 11.81 | 8.39 | No | 290d | 4,950 | <470 | --- | 77.5 | 831 | 638 | 129 | 451 |
| MW6H | 04/24/07 | 20.20 | 11.52 | 8.68 | No | 997d | 13,800 | 140 | --- | 90.5 | 1,330 | 1,420 | 357 | 1,360 |
| MW6H | 07/24/07 | 20.20 | 11.90 | 8.30 | No | 150d | 1,600 | <470 | --- | 56 | 300 | 110 | 29 | 100 |
| MW6H | 12/03/07 | 20.20 | 12.03 | 8.17 | No | 140d,l | 1,800 | <470 | --- | 51 | 420 | 14 | 8.3 | 33 |
| **MW6H** | **03/06/08** | **20.20** | **11.81** | **8.39** | **No** | **280d** | **4,400** | **<470** | **---** | **48** | **630** | **540** | **130** | **460** |
| MW6I | 11/17/88 | | Well installed. | | | | | | | | | | | |
| MW6I | 12/07/88 | 97.60i | --- | --- | --- | --- | ND | --- | --- | --- | <0.5 | <1 | <2 | <1 |
| MW6I | 12/15/88 | 97.60i | 12.83 | 84.77i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 09/07/89 | 97.60i | --- | --- | --- | --- | ND | --- | --- | --- | ND | ND | ND | ND |
| MW6I | 04/30/90 | 97.60i | 12.66 | 84.94i | --- | --- | ND | --- | --- | --- | ND | ND | ND | ND |
| MW6I | 10/16/90 | 97.60i | 12.71 | 84.89i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 12/06/90 | 97.60i | 12.75 | 84.85i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 3A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Well ID | Sampling Date | TOC (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | TPHmo (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW6I | 01/14/91 | 97.60i | 12.55 | 85.05i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 02/08/91 | 97.60i | 12.32 | 85.28i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 04/02/91 | 97.60i | 12.22 | 85.38i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 05/07/91 | 97.60i | 12.61 | 84.99i | --- | --- | ND | --- | --- | --- | ND | <0.5 | <0.5 | <0.5 |
| MW6I | 05/31/91 | 97.60i | 12.82 | 84.78i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 06/26/91 | 97.60i | 12.93 | 84.67i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 08/05/91 | 97.60i | 13.01 | 84.59i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 08/14/91 | 97.60i | 12.98 | 84.62i | --- | --- | ND | --- | --- | --- | ND | <0.5 | <0.5 | <0.5 |
| MW6I | 09/11/91 | 97.60i | 13.11 | 84.49i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 10/16/91 | 97.60i | 13.04 | 84.56i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 12/30/91 | 97.60i | 12.72 | 84.88i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 12/31/91 | 97.60i | --- | --- | --- | --- | ND | --- | --- | --- | ND | <0.5 | <0.5 | <0.5 |
| MW6I | 02/25/92 | 97.60i | 12.45 | 85.15i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 03/25/92 | 97.60i | 12.12 | 85.48i | --- | --- | ND | --- | --- | --- | ND | <0.5 | <0.5 | <0.5 |
| MW6I | 06/16/92 | 14.14 | 12.75 | 1.39 | --- | --- | ND | --- | --- | --- | ND | <0.5 | <0.5 | <0.5 |
| MW6I | 09/08/92 | 14.14 | 12.84 | 1.30 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6I | 11/05/92 | 14.14 | 12.75 | 1.39 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6I | 12/14/92 | 14.14 | 12.40 | 1.74 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 01/28/93 | 14.14 | 12.20 | 1.94 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 02/11/93 | 14.14 | 12.40 | 1.74 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6I | 03/09/93 | 14.14 | 12.45 | 1.69 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 04/14/93 | 14.14 | 12.43 | 1.71 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 05/11/93 | 14.14 | 12.73 | 1.41 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6I | 06/17/93 | 14.14 | 12.78 | 1.36 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 07/26/93 | 14.14 | 12.92 | 1.22 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 08/10/93 | 14.14 | 12.97 | 1.17 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6I | 09/21/93 | 14.14 | 13.02 | 1.12 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 10/27/93 | 14.14 | 13.10 | 1.04 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | 1.1 |
| MW6I | 11/23/93 | 14.14 | 13.02 | 1.12 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 12/17/93 | 14.14 | 12.65 | 1.49 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 02/16/94 | 14.14 | 12.66 | 1.48 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6I | 05/31/94 | 14.14 | 12.90 | 1.24 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6I | 08/30/94 | 16.26j | 13.06 | 3.20 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6I | 11/11/94 | 16.26j | 15.20 | 1.06 | No | --- | 53 | --- | --- | --- | 0.62 | 1.8 | <0.5 | 2.0 |
| MW6I | 02/27/95 | 16.26j | 12.51 | 3.75 | No | --- | <50 | --- | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6I | 05/30/95 | 16.26j | 12.57 | 3.69 | No | --- | 69 | --- | --- | --- | 2.8 | 0.96 | 1.1 | 4.3 |
| MW6I | 08/30/95 | 16.26j | 12.86 | 3.4 | No | --- | <50 | --- | <10 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6I | 11/26/96 | 16.26j | 12.45 | 3.81 | No | --- | <50 | --- | <30 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6I | 02/27/97 | 16.26j | 12.24 | 4.02 | No | --- | <50 | --- | <30 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6I | 05/21/97 | 16.26j | 12.82 | 3.44 | No | --- | <50 | --- | <30 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6I | 08/18/97 | 16.26j | 12.81 | 3.45 | No | --- | <50 | --- | <30 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6I | 03/13/98 | 16.26j | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 04/20/98 | 16.26j | 12.14 | 4.12 | No | --- | <50 | --- | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6I | 07/21/98 | 20.24 | 12.59 | 7.65 | No | --- | <50 | --- | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6I | 10/06/98 | 20.24 | 12.81 | 7.43 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 01/11/99 | 20.24 | 12.74 | 7.50 | No | --- | <50 | --- | <2.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |

**TABLE 3A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Well ID | Sampling Date | TOC (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | TPHmo (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW6I | 04/08/99 | 20.24 | 11.93 | 8.31 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 07/19/99 | 20.24 | 11.75 | 8.49 | No | --- | 281 | --- | 17.6 | --- | 35.4 | 9.1 | 7.4 | 30.7 |
| MW6I | 07/27/99 | 20.24 | 12.95 | 7.29 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 10/25/99 | 20.24 | 12.79 | 7.45 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 01/27/00 | 20.24 | 12.06 | 8.18 | No | --- | <50 | --- | <2 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6I | 04/03/00 | 20.24 | 12.24 | 8.00 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 07/05/00 | 20.24 | 12.48 | 7.76 | No | --- | <50 | --- | <2 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6I | 10/04/00 | 20.24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 10/05/00 | 20.24 | --- | --- | --- | --- | --- | <1,000 | --- | --- | --- | --- | --- | --- |
| MW6I | 01/04/01 | 20.24 | 12.54 | 7.70 | No | --- | <50 | --- | <2 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6I | 04/03/01 | 20.24 | 12.32 | 7.92 | No | --- | <50 | --- | <2 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6I | 07/05/01 | 20.24 | 12.55 | 7.69 | No | --- | <50 | --- | <2 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6I | 10/03/01 | 20.24 | 12.67 | 7.57 | No | --- | <50 | --- | <2 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6I | Oct-01 | 19.87 | Well surveyed in compliance with AB 2886 requirements. | | | | | | | | | | | |
| MW6I | 01/02/02 | 19.87 | 10.98 | 8.89 | No | --- | <100 | --- | <0.5 | --- | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6I | 04/02/02 b | 19.87 | 12.24 | 7.63 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 07/01/02 | 19.87 | 12.51 | 7.36 | No | --- | <50 | <100a | <0.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6I | 10/02/02 b | 19.87 | 12.72 | 7.15 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 01/07/03 | 19.87 | 12.09 | 7.78 | No | --- | <50.0 | <50 | <0.5 | 1.10 | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6I | 06/17/03 b | 19.87 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 07/16/03 | 19.87 | 12.49 | 7.38 | No | --- | <50.0 | <100 | <0.5 | <0.50 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6I | 10/07/03 b | 19.87 | 12.64 | 7.23 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 01/14/04 | 19.87 | 12.13 | 7.74 | No | --- | <50.0 | <100 | <0.5 | <0.50 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6I | 06/03/04 b | 19.87 | 12.56 | 7.31 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 08/12/04 | 19.87 | c | c | c | 99c | <50.0c | 155c | --- | <0.50c | <0.50c | <0.5c | <0.5c | 0.8c |
| MW6I | 11/04/04 b | 19.87 | 12.33 | 7.54 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 02/01/05 | 19.87 | 12.09 | 7.78 | No | <100 | <50.0 | <100 | --- | <0.50 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6I | 05/03/05 b | 19.87 | 12.16 | 7.71 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 08/04/05 | 19.87 | 12.46 | 7.41 | No | 54.2d | <50.0 | <100 | --- | <0.500 | <0.500 | <0.500 | <0.500 | <0.500 |
| MW6I | 10/27/05 b | 19.87 | 12.58 | 7.29 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 01/26/06 | 19.87 | 12.04 | 7.83 | No | <50 | <50 | <500 | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6I | 04/28/06 b | 19.87 | 11.94 | 7.93 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 07/05/06 | 19.87 | 13.06 | 6.81 | No | <47.6 | <50.0 | <95.2 | --- | <0.500 | <1.00 | <1.00 | <1.00 | <3.00 |
| MW6I | 10/27/06 b | 19.87 | 12.64 | 7.23 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 01/19/07 | 19.87 | 12.41 | 7.46 | No | <47 | <50.0 | <470 | --- | <0.500 | <0.50 | <0.50 | <0.50 | 0.62 |
| MW6I | 04/24/07 b | 19.87 | 12.11 | 7.76 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 07/24/07 | 19.87 | 12.51 | 7.36 | No | <47 | <50 | <470 | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6I | 12/03/07 | 19.87 | 12.64 | 7.23 | No | <47 | <50 | <470 | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| **MW6I** | **03/06/08** | **19.87** | **11.97** | **7.90** | **No** | **<47** | **<50** | **<470** | **---** | **<0.50** | **<0.50** | **<0.50** | **<0.50** | **<0.50** |
| MW6J | 04/06/01 | --- | Well installed. | | | | | | | | | | | |
| MW6J | 07/05/01 | 20.72 | 13.47 | 7.25 | No | --- | <50 | --- | <2 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6J | 10/03/01 | 20.72 | 13.57 | 7.15 | No | --- | <50 | --- | <2 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6J | Oct-01 | 20.75 | Well surveyed in compliance with AB 2886 requirements. | | | | | | | | | | | |
| MW6J | 01/02/02 | 20.75 | 13.19 | 7.56 | No | --- | <100 | --- | <0.5 | --- | <0.50 | <0.50 | <0.50 | <0.50 |

**TABLE 3A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Well ID | Sampling Date | TOC (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | TPHmo (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW6J | 04/02/02 | 20.75 | 13.74 | 7.01 | No | --- | <50.0 | <100 | 1.00 | --- | 0.80 | <0.50 | <0.50 | 0.80 |
| MW6J | 07/01/02 | 20.75 | 13.58 | 7.17 | No | --- | <50 | <100a | <0.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6J | 10/02/02 | 20.75 | 13.79 | 6.96 | No | --- | <50.0 | <100 | <0.5 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6J | 01/07/03 | 20.75 | 13.49 | 7.26 | No | --- | <50.0 | <50 | 0.60 | 1.30 | <0.5 | <0.5 | <0.5 | <0.5 |
| MW6J | 06/17/03 | 20.75 | 13.76 | 6.99 | No | --- | <50.0 | <100 | 3.00 | 0.70 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6J | 07/16/03 | 20.75 | 13.57 | 7.18 | No | --- | <50.0 | <100 | 0.70 | 0.60 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6J | 10/07/03 | 20.75 | 13.74 | 7.01 | No | --- | <50.0 | <100 | 1.1 | 1.20 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6J | 01/14/04 | 20.75 | 13.46 | 7.29 | No | <50 | <50.0 | <100 | 1.8 | 1.80 | <0.50 | <0.5 | <0.5 | <0.5 |
| MW6J | 06/03/04 | 20.75 | 13.72 | 7.03 | No | <50 | <50.0 | <100 | 5.1 | 10.3 | 0.50 | <0.5 | <0.5 | <0.5 |
| MW6J | 08/12/04 | 20.75 | c | c | c | <50c | <50.0c | <100c | --- | 3.30c | 1.40c | 2.1c | 1.3c | 4.6c |
| MW6J | 11/04/04 | 20.75 | 13.68 | 7.07 | No | <50 | <50.0 | 116 | --- | 3.50 | 0.50 | 0.5 | <0.5 | <0.5 |
| MW6J | 02/01/05 | 20.75 | 13.47 | 7.28 | No | <100 | <50.0 | <100 | --- | 5.50 | <0.50 | <0.5 | <0.5 | 0.6 |
| MW6J | 05/03/05 | 20.75 | 13.66 | 7.09 | No | <50 | <50.0 | <100 | --- | 3.00 | 0.70 | 0.9 | 0.6 | 0.8 |
| MW6J | 08/04/05 | 20.75 | 13.75 | 7.00 | No | 55.8d | <50.0 | 130 | --- | <0.500 | <0.500 | <0.500 | <0.500 | <0.500 |
| MW6J | 10/27/05 | 20.75 | 13.71 | 7.04 | No | <50.0 | <50.0 | <50.0 | --- | 2.48 | <0.50 | 0.94f | <0.50 | <0.50 |
| MW6J | 01/26/06 | 20.75 | 13.49 | 7.26 | No | <50 | <50 | <500 | --- | 6.2 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6J | 04/28/06 | 20.75 | 13.56 | 7.19 | No | <47 | <50 | <470 | --- | 7.2 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6J | 07/05/06 | 20.75 | 13.75 | 7.00 | No | <47.6 | <50.0 | <95.2 | --- | 7.73 | <1.00 | <1.00 | <1.00 | <3.00 |
| MW6J | 10/27/06 | 20.75 | 13.66 | 7.09 | No | <47 | 67.7 | <470 | --- | 9.15 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6J | 01/19/07 | 20.75 | 13.51 | 7.24 | No | <47 | <50.0 | <470 | --- | 12.1 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6J | 04/24/07 | 20.75 | 13.76 | 6.99 | No | <47.6 | <50.0 | <47.6 | --- | 12.8 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6J | 07/24/07 | 20.75 | 14.01 | 6.74 | No | <47 | <50 | <470 | --- | 16 | <0.50 | <0.50 | <0.50 | <0.50 |
| MW6J | 12/03/07 | 20.75 | 13.71 | 7.04 | No | <47 | <50 | <470 | --- | 29 | <0.50 | <0.50 | <0.50 | <0.50 |
| **MW6J** | **03/06/08** | **20.75** | Well inaccessible due to encroachment permit restrictions. | | | | | | | | | | | |
| RW1 | 05/10/90 | 97.89i | Well installed. | | | | | | | | | | | |
| RW1 | 10/16/90 | 97.89i | 12.24 | 85.65i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW1 | 01/14/91 | 97.89i | 12.80 | 85.09i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW1 | 02/08/91 | 97.89i | 12.53 | 85.36i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW1 | 05/31/91 | 97.89i | 12.86 | 85.03i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW1 | 08/05/91 | 97.89i | 13.19 | 84.70i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW1 | 08/13/91 | 97.89i | 14.05 | 83.84i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW1 | 09/11/91 | 97.89i | 15.96 | 81.93i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW1 | 10/16/91 | 97.89i | 16.00 | 81.89i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW1 | 12/30/91 | 97.89i | 12.65 | 85.24i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW1 | 02/25/92 | 97.89i | 14.40 | 83.49i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW1 | 03/25/92 | 97.89i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW1 | 06/16/92 | 14.42 | 12.37 | 2.05 | --- | --- | 6,200 | --- | --- | --- | 620 | 1,400 | 240 | 1,400 |
| RW1 | 09/08/92 through 05/31/94 | Not monitored or sampled. | | | | | | | | | | | | |
| RW1 | 08/30/94 | 16.79j | Well resurveyed. | | | | | | | | | | | |
| RW1 | 08/30/94 through 10/16/98 | Not monitored or sampled. | | | | | | | | | | | | |
| RW1 | 01/11/99 | 20.24 | 12.37 | 7.87 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW1 | 04/08/99 | 20.24 | 10.41 | 9.83 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW1 | 07/19/99 | 20.24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW1 | 07/27/99 | 20.24 | 12.76 | 7.48 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW1 | 10/25/99 | 20.24 | 12.50 | 7.74 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 3A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Well ID | Sampling Date | TOC (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | TPHmo (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RW1 | 01/27/00 | 20.24 | 12.11 | 8.13 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW1 | 04/03/00 | 20.24 | 12.07 | 8.17 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW1 | 07/05/00 | 20.24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW1 | 10/04/00 | 20.24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW1 | 10/05/00 | 20.24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW1 | 01/04/01 | 20.24 | 13.90 | 6.34 | No | --- | 8,000 | --- | 2,500 | --- | 1,200 | 65 | 250 | 258 |
| RW1 | 04/03/01 | 20.24 | 11.92 | 8.32 | No | --- | 4,100 | --- | 610 | --- | 62 | <2.5 | 18 | 61 |
| RW1 | 07/05/01 | 20.24 | Well inaccessible. | | | | | | | | | | | |
| RW1 | 10/03/01 | 20.24 | 12.32 | 8.32 | No | --- | 11,000 | --- | 4,100 | --- | 1,900 | 780 | 150 | 700 |
| RW1 | Oct-01 | 20.43 | Well surveyed in compliance with AB 2886 requirements. | | | | | | | | | | | |
| RW1 | 01/02/02 | 20.43 | 10.85 | 9.58 | No | --- | 32,000 | --- | 7,760 | --- | 358 | 2,270 | 894 | 4,820 |
| RW1 | 04/02/02 | 20.43 | 11.72 | 8.71 | No | --- | 4,220 | <500 | 922 | --- | 172 | 22.5 | 106 | 340 |
| RW1 | 07/01/02 | 20.43 | 12.17 | 8.26 | No | --- | 2,500 | <100a | 986 | --- | 176 | 8.0 | 71.0 | 75.0 |
| RW1 | 10/02/02 | 20.43 | 12.44 | 7.99 | No | --- | 2,970 | 1,720 | 1,310 | --- | 197 | 11.0 | 70.0 | 69.0 |
| RW1 | 01/07/03 | 20.43 | 11.64 | 8.79 | No | --- | 2,210 | 1,340 | 747 | 1,010 | 134 | 12.0 | 33.0 | 53.0 |
| RW1 | 06/17/03 | 20.43 | 11.98 | 8.45 | No | --- | 3,850 | 316 | 645 | 847 | 48.9 | 38.7 | 46.1 | 197 |
| RW1 | 07/16/03 | 20.43 | 12.11 | 8.32 | No | --- | 2,640 | 2,080 | 730 | 615 | 78.5 | 20.0 | 47.5 | 166 |
| RW1 | 10/07/03 | 20.43 | 12.35 | 8.08 | No | 1,340 | 2,310 | 1,040 | 744 | 578 | 118 | 7.6 | 25.1 | 52.1 |
| RW1 | 01/14/04 | 20.43 | 11.61 | 8.82 | No | 4,240 | 4,230 | 5,640 | 7.8 | 328 | 52.7 | 65.8 | 42.7 | 543 |
| RW1 | 06/03/04 | 20.43 | 12.12 | 8.31 | No | --- | 2,910 | 1,840 | 234 | 250 | 79.9 | 6.0 | 28.6 | 67.2 |
| RW1 | 08/12/04 | 20.43 | c | c | c | --- | 1,980c | 164c | --- | 107c | 146c | 5.7c | 18.1c | 10.9c |
| RW1 | 11/04/04 | 20.43 | 12.06 | 8.37 | No | 2,570 | 127,000 | 1,790 | --- | 386 | 130 | 5,150 | 4,020 | 24,300 |
| RW1 | 02/01/05 | 20.43 | 11.55 | 8.88 | No | 3,530 | 2,880 | 4,680 | --- | 78.7 | 25.3 | 13.3 | 49.3 | 258 |
| RW1 | 05/03/05 | 20.43 | 11.58 | 8.85 | No | 6,830d,e | 2,490 | 14,600 | --- | 91.3 | 33.8 | 18.4 | 17.3 | 97.7 |
| RW1 | 08/04/05 | 20.43 | 12.10 | 8.33 | No | 2,430d | 3,080 | 3,410 | --- | 49.6 | 193 | 20.4 | 48.2 | 117 |
| RW1 | 10/27/05 | 20.43 | 12.32 | 8.11 | No | 1,970 | 348 | 2,960 | --- | 36.3 | 9.40 | 1.99f | 2.22 | 5.36 |
| RW1 | 01/26/06 | 20.43 | 11.55 | 8.88 | No | 5,000d | 640 | <10,000 | --- | 72 | 13 | 7.5 | 1.8 | 5.2 |
| RW1 | 04/28/06 | 20.43 | 11.23 | 9.20 | No | 950d | 810 | 1,500 | --- | 30 | 18 | 12 | 4.9 | 19 |
| RW1 | 07/05/06 | 20.43 | 11.96 | 8.47 | No | 687 | 1,020 | 886 | --- | 40.0 | 25.0 | 4.77 | 4.67 | 11.4 |
| RW1 | 10/27/06 | 20.43 | 12.31 | 8.12 | No | 550d | 937 | 600 | --- | 45.4 | 21.1 | 4.82 | 5.37 | 8.14 |
| RW1 | 01/19/07 | 20.43 | 11.96 | 8.47 | No | 2,500d | 1,070 | 2,500 | --- | 33.4 | 21.9 | 2.22 | 3.40 | 6.99 |
| RW1 | 04/24/07 | 20.43 | 11.61 | 8.82 | No | k | 806 | k | --- | 28.0 | 20.9 | 2.77 | 2.81 | 5.46 |
| RW1 | 07/24/07 | 20.43 | 12.20 | 8.23 | No | 2,100d | 510 | 3,500d | --- | 17 | 18 | 1.8 | 0.92 | 2.0 |
| RW1 | 12/03/07 | 20.43 | 12.30 | 8.13 | No | 1,100d,l | 400 | 1,700d | --- | 12 | 18 | 1.4 | 1.6 | 1.8 |
| **RW1** | **03/06/08** | **20.43** | **11.62** | **8.81** | **No** | **380d** | **490** | **480** | **---** | **22** | **18** | **1.6** | **<1.0** | **1.7** |
| MW6D | 07/06/88 | 98.78i | Well installed. | | | | | | | | | | | |
| MW6D | 07/11/88 | 98.78i | 13.48 | 85.24i | 0.025 in. | --- | --- | --- | --- | --- | 220 | 27 | <20 | <10 |
| MW6D | 10/20/88 | 98.78i | --- | --- | --- | --- | --- | --- | --- | --- | 710 | 74 | 22 | 110 |
| MW6D | 12/15/88 | 98.78i | 13.44 | 85.34i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6D | 09/07/89 | 98.78i | --- | --- | --- | --- | 2,200 | --- | --- | --- | 600 | 26 | 58 | 31 |
| MW6D | 04/30/90 | 98.78i | 13.19 | 85.59i | --- | --- | 3,600 | --- | --- | --- | 800 | 150 | 310 | 280 |
| MW6D | 05/10/90 | 98.78i | Well over-drilled into recovery well RW2 | | | | | | | | | | | |
| RW2 | 10/16/90 | 98.11i | 12.77 | 85.34i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW2 | 02/08/91 | 98.11i | 13.11 | 85.00i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**TABLE 3A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Well ID | Sampling Date | TOC (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | TPHmo (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RW2 | 04/02/91 | 98.11i | 11.70 | 86.41i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW2 | 05/07/91 | 98.11i | 14.09 | 84.02i | --- | --- | 11,000 | --- | --- | --- | 3,200 | 480 | 150 | 780 |
| RW2 | 05/31/91 | 98.11i | 16.01 | 82.10i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW2 | 06/26/91 | 98.11i | 14.60 | 83.51i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW2 | 08/05/91 | 98.11i | 14.00 | 84.11i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW2 | 08/13/91 | 98.11i | 21.30 | 76.81i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW2 | 09/11/91 | 98.11i | 19.97 | 78.14i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW2 | 10/16/91 | 98.11i | 15.19 | 82.92i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW2 | 12/30/91 | 98.11i | 13.19 | 84.92i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW2 | 02/25/92 | 98.11i | 16.27 | 81.84i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW2 | 03/25/92 | 98.11i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW2 | 06/16/92 | 14.61 | 12.86 | 1.75 | --- | --- | 28,000 | --- | --- | --- | 2,900 | 1,000 | 120 | 2,700 |
| RW2 | 09/08/92 through 05/31/94 | Not monitored or sampled. | | | | | | | | | | | | |
| RW2 | 08/30/94 | 17.02j | Well resurveyed. | | | | | | | | | | | |
| RW2 | 08/30/94 through 04/20/98 | Not monitored or sampled. | | | | | | | | | | | | |
| RW2 | 07/21/98 | 20.44 | 12.65 | 7.79 | No | --- | 3,500 | --- | 170 | --- | 240 | 100 | 41 | 96 |
| RW2 | 10/06/98 | 20.44 | 13.06 | 7.38 | No | --- | 3,200 | --- | 200 | --- | 120 | 48 | 56 | 120 |
| RW2 | 01/11/99 | 20.44 | 12.88 | 7.56 | No | --- | 3,300 | --- | 350 | --- | 150 | 17 | 35 | 40 |
| RW2 | 04/08/99 | 20.44 | 11.76 | 8.68 | sheen | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW2 | 07/19/99 | 20.44 | 11.61 | 8.83 | No | --- | 1,980 | --- | 160 | 499 | 44 | 4.16 | 22.3 | 11.6 |
| RW2 | 07/27/99 | 20.44 | 13.26 | 7.18 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW2 | 10/25/99 | 20.44 | 12.96 | 7.48 | No | --- | 1,800 | --- | 440 | --- | 51 | <0.5 | 4.7 | 9.5 |
| RW2 | 01/27/00 | 20.44 | 12.70 | 7.74 | No | --- | 1,900 | --- | 750 | --- | 38 | <2.5 | 4.8 | 10.4 |
| RW2 | 04/03/00 | 20.44 | 11.97 | 8.47 | No | --- | 2,100 | --- | 300 | --- | 28 | 2.4 | 1.4 | 0.73 |
| RW2 | 07/05/00 | 20.44 | 12.50 | 7.94 | No | --- | 2,300 | --- | 230 | --- | 20 | <2.5 | 5.3 | 8 |
| RW2 | 10/04/00 | 20.44 | 12.97 | 7.47 | No | --- | 1,300 | --- | 570 | --- | 42 | <2.5 | 15 | 17.7 |
| RW2 | 10/05/00 | 20.44 | --- | --- | --- | --- | --- | <1,000 | --- | --- | --- | --- | --- | --- |
| RW2 | 01/04/01 | 20.44 | 13.71 | 6.73 | No | --- | 1,000 | --- | 380 | --- | 33 | <2.5 | 13 | 17.7 |
| RW2 | 04/03/01 | 20.44 | 12.10 | 8.34 | No | --- | 1,300 | --- | 99 | --- | 18 | 2.1 | 16 | 19.4 |
| RW2 | 07/05/01 | 20.44 | Well inaccessible. | | | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW2 | 10/03/01 | 20.44 | 12.8 | 7.64 | No | --- | 1,900 | --- | 240 | --- | 35 | 4.4 | 34 | 105 |
| RW2 | Oct-01 | 20.64 | Well surveyed in compliance with AB 2886 requirements. | | | | | | | | | | | |
| RW2 | 01/02/02 | 20.64 | 10.22 | 10.42 | No | --- | 2,440 | --- | 76.0 | --- | 24.4 | 6.20 | 26.2 | 83.0 |
| RW2 | 04/02/02 | 20.64 | 12.02 | 8.62 | No | --- | 1,460 | 260 | 47.5 | --- | 8.60 | 3.30 | 5.30 | 29.1 |
| RW2 | 07/01/02 | 20.64 | 12.51 | 8.13 | No | --- | 1,380 | <100a | 39.9 | --- | 11.0 | 1.8 | 17.9 | 45.0 |
| RW2 | 10/02/02 | 20.64 | 12.91 | 7.73 | No | --- | 720 | <100 | 46.9 | --- | 5.5 | 1.7 | 3.7 | 11.9 |
| RW2 | 01/07/03 | 20.64 | 11.61 | 9.03 | No | --- | 1,180 | 197 | 48.0 | 56.0 | 12.3 | 3.6 | 12.2 | 25.6 |
| RW2 | 06/17/03 | 20.64 | 12.32 | 8.32 | No | --- | 1,070 | <100 | 29.7 | 26.4 | 13.9 | 4.4 | 11.8 | 16.9 |
| RW2 | 07/16/03 | 20.64 | 12.51 | 8.13 | No | --- | 1,200 | 295 | 32.9 | 19.3 | 6.60 | 4.1 | 10.9 | 12.3 |
| RW2 | 10/07/03 | 20.64 | 12.81 | 7.83 | No | 332 | 1,170 | <100 | 55.0 | 50.2 | 8.70 | 1.1 | 9.3 | 12.2 |
| RW2 | 01/14/04 | 20.64 | 11.70 | 8.94 | No | 167 | 1,250 | <100 | 8.4 | 128 | 18.0 | 4.4 | 8.6 | 10.7 |
| RW2 | 06/03/04 | 20.64 | 12.93 | 7.71 | No | --- | 1,100 | 1,310 | 17.0 | 10.9 | 6.70 | 1.3 | 4.0 | 11.5 |
| RW2 | 08/12/04 | 20.64 | c | c | c | 438c | 1,110c | 521c | --- | 32.8c | 7.00c | 1.5c | 3.1c | 10.2c |
| RW2 | 11/04/04 | 20.64 | 12.30 | 8.34 | No | 503 | 506 | 419 | --- | r | 4.30 | 5.9 | 6.2 | 16.0 |
| RW2 | 02/01/05 | 20.64 | 11.61 | 9.03 | No | 725 | 640 | 1,400 | --- | 13.7 | 5.30 | 1.5 | 4.0 | 3.8 |
| RW2 | 05/03/05 | 20.64 | 11.72 | 8.92 | No | 493d,e | 1,130 | 801 | --- | 8.20 | 10.3 | 1.1 | 5.8 | 6.3 |

**TABLE 3A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Well ID | Sampling Date | TOC (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | TPHmo (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RW2 | 08/04/05 | 20.64 | 12.46 | 8.18 | No | 3,020d | 1,060 | 3,810 | --- | 9.02 | 6.36 | 0.848 | 1.90 | 2.47 |
| RW2 | 10/27/05 | 20.64 | 12.71 | 7.93 | No | 716 | 163 | 703 | --- | 8.74 | <0.50 | <0.50 | <0.50 | 0.95 |
| RW2 | 01/26/06 | 20.64 | 11.65 | 8.99 | No | 410d | 620a | <500 | --- | 5.1 | 6.1a | 1.2a | 4.3a | 2.1a |
| RW2 | 04/28/06 | 20.64 | 11.24 | 9.40 | No | 300d | 680 | <470 | --- | 2.6 | 9.7 | 1.2 | 5.3 | 2.9 |
| RW2 | 07/05/06 | 20.64 | 12.33 | 8.31 | No | 284 | 946 | 221 | --- | <0.500 | 8.87 | 1.05 | 1.81 | 3.10 |
| RW2 | 10/27/06 | 20.64 | 12.78 | 7.86 | No | 240d | 920 | <470 | --- | 4.59 | <0.50 | <0.50 | 3.65 | 3.09 |
| RW2 | 01/19/07 | 20.64 | 12.29 | 8.35 | No | 230d | 794 | <470 | --- | 3.72 | 6.32 | 2.27 | <0.50 | 3.09 |
| RW2 | 04/24/07 | 20.64 | 11.81 | 8.83 | No | 652d | 1,170 | 332 | --- | 3.01 | 7.21 | <0.50 | 6.74 | 6.15 |
| RW2 | 07/24/07 | 20.64 | 12.51 | 8.13 | No | 250d | 970 | <470 | --- | 2.5 | 9.1 | <0.50 | 2.8 | 1.9 |
| RW2 | 12/03/07 | 20.64 | 12.71 | 7.93 | No | 660d,l | 460 | 660d | --- | 6.8 | 7.5 | <2.5 | <2.5 | <2.5 |
| **RW2** | **03/06/08** | **20.64** | **11.61** | **9.03** | **No** | **610d** | **750** | **620d** | **---** | **2.2** | **8.5** | **<2.5** | **2.7** | **<2.5** |
| MW6C | 06/15/88 | 99.89i | Well installed. | | | | | | | | | | | |
| MW6C | 06/24/88 | 99.89i | --- | --- | --- | --- | --- | --- | --- | --- | 7,400 | 7.1 | 170 | 2,300 |
| MW6C | 07/11/88 | 99.89i | 14.21 | 85.68i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6C | 10/20/88 | 99.89i | --- | --- | --- | --- | --- | --- | --- | --- | 9,500 | 65 | 170 | 850 |
| MW6C | 12/15/88 | 99.89i | 14.10 | 85.79i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW6C | 09/07/89 | 99.89i | --- | --- | --- | --- | 18,000 | --- | --- | --- | 7,900 | 430 | 350 | 1,100 |
| MW6C | 04/30/90 | 99.89i | 13.81 | 86.68i | --- | --- | 30,000 | --- | --- | --- | 6,100 | 1,500 | 1,000 | 2,700 |
| MW6C | 05/10/90 | --- | Well over-drilled into recovery well RW3 | | | | | | | | | | | |
| RW3 | 10/16/90 | 98.97i | 13.29 | 85.68i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW3 | 01/14/91 | 98.97i | 14.50 | 84.47i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW3 | 02/08/91 | 98.97i | 12.54 | 86.43i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW3 | 04/02/91 | 98.97i | 11.39 | 87.58i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW3 | 05/07/91 | 98.97i | 12.47 | 86.50i | --- | --- | 5,800 | --- | --- | --- | 4,200 | 640 | 220 | 670 |
| RW3 | 05/31/91 | 98.97i | 16.31 | 82.66i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW3 | 06/26/91 | 98.97i | 15.50 | 83.47i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW3 | 08/05/91 | 98.97i | 13.69 | 85.28i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW3 | 08/13/91 | 98.97i | 13.67 | 85.30i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW3 | 08/14/91 | 98.97i | --- | --- | --- | --- | 3,800 | --- | --- | --- | 2,300 | 300 | 49 | 360 |
| RW3 | 09/11/91 | 98.97i | 13.77 | 85.20i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW3 | 10/16/91 | 98.97i | 16.66 | 82.31i | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW3 | 11/05/91 | --- | Well destroyed. | | | | | | | | | | | |
| RW3A | 08/24/92 | --- | Well installed in place of RW3. | | | | | | | | | | | |
| RW3A | 08/24/92 through 04/20/98 | | Not monitored or sampled. | | | | | | | | | | | |
| RW3A | 07/21/98 | 21.75 | 13.08 | 8.67 | No | --- | 280 | --- | 16 | --- | 97 | <1.2 | <1.2 | <1.2 |
| RW3A | 10/06/98 | 21.89 | 13.72 | 8.17 | No | --- | 78 | --- | 26 | --- | 26 | 0.89 | <0.5 | <0.5 |
| RW3A | 01/11/99 | 21.75 | 12.00 | 9.75 | No | --- | 1,000 | --- | 230 | --- | 490 | 5.0 | <5.0 | 7.4 |
| RW3A | 04/08/99 | 21.75 | 11.90 | 9.85 | No | --- | 130 | --- | 11 | --- | 70 | <1.0 | <1.0 | <1.0 |
| RW3A | 07/19/99 | 21.75 | 11.75 | 10.00 | No | --- | 989 | --- | 16.4 | --- | 393 | 6.40 | 5.70 | 15.0 |
| RW3A | 07/27/99 | 21.75 | 13.68 | 8.07 | No | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RW3A | 10/25/99 | 21.75 | 13.61 | 8.14 | No | --- | 150 | --- | 19 | --- | 53 | <0.5 | <0.5 | <0.5 |
| RW3A | 01/27/00 | 21.75 | 12.22 | 9.53 | No | --- | 500 | --- | 12 | --- | 210 | 0.59 | 1.40 | 2.29 |
| RW3A | 04/03/00 | 21.75 | 12.00 | 9.75 | No | --- | 1,100 | --- | 16 | --- | 420 | 1.6 | 1.8 | 1.4 |

**TABLE 3A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Well ID | Sampling Date | TOC (feet) | DTW (feet) | GW Elev. (feet) | NAPL (feet) | TPHd (µg/L) | TPHg (µg/L) | TPHmo (µg/L) | MTBE 8021B (µg/L) | MTBE 8260B (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RW3A | 07/05/00 | 21.75 | 13.01 | 8.74 | No | --- | 1,200 | --- | 16 | --- | 440 | 1.4 | 2.5 | 1.9 |
| RW3A | 10/04/00 | 21.75 | 13.60 | 8.15 | No | --- | 390 | --- | 8.3 | --- | 160 | 1.1 | 1.5 | 2.6 |
| RW3A | 10/05/00 | 21.75 | --- | --- | --- | --- | --- | <1,000 | --- | --- | --- | --- | --- | --- |
| RW3A | 01/04/01 | 21.75 | 13.65 | 8.10 | No | --- | 500 | --- | 12 | --- | 230 | 0.97 | 1.1 | 1.4 |
| RW3A | 04/03/01 | 21.75 | 12.30 | 9.45 | No | --- | 710 | --- | 7.5 | --- | 290 | <0.5 | <0.5 | <0.5 |
| RW3A | 07/05/01 | 21.75 | 13.28 | 8.47 | No | --- | 640 | --- | 9 | --- | 280 | 1.4 | 1.6 | 2.7 |
| RW3A | 10/03/01 | 21.75 | 13.58 | 8.17 | No | --- | <50 | --- | 12 | --- | 21 | <0.5 | <0.5 | <0.5 |
| RW3A | Oct-01 | 21.89 | Well surveyed in compliance with AB 2886 requirements. | | | | | | | | | | | |
| RW3A | 01/02/02 | 21.89 | 10.80 | 11.09 | No | --- | <100 | --- | 11.2 | --- | <0.50 | <0.50 | <0.50 | <0.50 |
| RW3A | 04/02/02 | 21.89 | 12.03 | 9.86 | No | --- | 55.7 | <100 | 11.0 | --- | 1.30 | <0.50 | <0.50 | <0.50 |
| RW3A | 07/01/02 | 21.89 | 13.13 | 8.76 | No | --- | 275 | <100a | 21.7 | --- | 60.4 | <0.5 | 2.4 | 4.2 |
| RW3A | 10/02/02 | 21.89 | 13.70 | 8.19 | No | --- | 138 | 114 | 11.1 | --- | 53.4 | <0.5 | <0.5 | 0.7 |
| RW3A | 01/07/03 | 21.89 | 11.77 | 10.12 | No | --- | <50.0 | <50 | 22.4 | 30.9 | 1.5 | <0.5 | <0.5 | <0.5 |
| RW3A | 06/17/03 | 21.89 | 12.82 | 9.07 | No | --- | 54.5 | <100 | 12.8 | 16.0 | 7.40 | <0.5 | <0.5 | <0.5 |
| RW3A | 07/16/03 | 21.89 | 13.40 | 8.49 | No | --- | 112 | <100 | 18.0 | 13.6 | 26.0 | <0.5 | <0.5 | <0.5 |
| RW3A | 10/07/03 | 21.89 | 13.93 | 7.96 | No | 124 | 62.6 | <100 | 10.4 | 11.3 | 7.30 | <0.5 | <0.5 | <0.5 |
| RW3A | 01/14/04 | 21.89 | 11.55 | 10.34 | No | 401 | <50.0 | <100 | 11.7 | 16.2 | 3.10 | <0.5 | <0.5 | <0.5 |
| RW3A | 06/03/04 | 21.89 | 13.43 | 8.46 | No | --- | 79.0 | <100 | 19.4 | 22.4 | 6.30 | <0.5 | <0.5 | <0.5 |
| RW3A | 08/12/04 | 21.89 | c | c | c | 1,190c | <50.0c | 296c | --- | 16.2c | <0.50c | <0.5c | <0.5c | <0.5c |
| RW3A | 11/04/04 | 21.89 | 12.91 | 8.98 | No | 178 | <50.0 | 122 | --- | 5.40 | <0.50 | 1.7 | 0.7 | 3.6 |
| RW3A | 02/01/05 | 21.89 | 11.63 | 10.26 | No | <100 | <50.0 | <100 | --- | 11.8 | <0.50 | <0.5 | <0.5 | <0.5 |
| RW3A | 05/03/05 | 21.89 | 11.79 | 10.10 | No | 158d | <50.0 | <100 | --- | 8.50 | <0.50 | <0.5 | <0.5 | <0.5 |
| RW3A | 08/04/05 | 21.89 | 12.99 | 8.90 | No | 687d | 89.9 | 107 | --- | 16.7 | 26.0 | 0.645 | <0.500 | 0.835 |
| RW3A | 10/27/05 | 21.89 | 13.49 | 8.40 | No | 140 | <50.0 | 79.1 | --- | 4.00 | 9.63 | <0.50 | <0.50 | 0.65 |
| RW3A | 01/26/06 | 21.89 | 11.76 | 10.13 | No | 210d | 100a | <500 | --- | 17 | 5.6a | <0.50a | <0.50a | <0.50a |
| RW3A | 04/28/06 | 21.89 | 10.96 | 10.93 | No | 140g | 82 | <470 | --- | 19 | 2.6 | <0.50 | <0.50 | <0.50 |
| RW3A | 07/05/06 | 21.89 | 13.12 | 8.77 | No | 340 | 50.0 | <95.2 | --- | 8.11 | 1.37 | <1.00 | <1.00 | <3.00 |
| RW3A | 10/27/06 | 21.89 | 13.48 | 8.41 | No | 63d | 789 | <470 | --- | 10.6 | 287 | 1.29 | <0.50 | 2.03 |
| RW3A | 01/19/07 | 21.89 | 12.69 | 9.20 | No | 49d | <50.0 | <470 | --- | 6.25 | 2.08 | <0.50 | <0.50 | <0.50 |
| RW3A | 04/24/07 | 21.89 | 12.12 | 9.77 | No | <47.6 | 107 | <47.6 | --- | 4.95 | 17.9 | <0.50 | <0.50 | 0.57 |
| RW3A | 07/24/07 | 21.89 | 13.11 | 8.78 | No | <47 | <500 | <470 | --- | 8.5 | 240 | <5.0 | <5.0 | <5.0 |
| RW3A | 12/03/07 | 21.89 | 13.35 | 8.54 | No | 61d,l | 1,200g | <470 | --- | 12 | 700 | <10 | <10 | 13 |
| **RW3A** | **03/06/08** | **21.89** | **11.69** | **10.20** | **No** | **<47** | **52** | **<470** | **---** | **4.4** | **1.5** | **<0.50** | **<0.50** | **<0.50** |

**TABLE 3A**
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


Notes:

| | | |
|---|---|---|
| TOC | = | Top of casing elevation; datum is mean sea level. |
| NAPL | = | Non-aqueous phase liquid. |
| sheen | = | Liquid-phase hydrocarbon present as sheen. |
| in. | = | Inches of floating product. |
| DTW | = | Depth to water. |
| GW Elev. | = | Groundwater elevation; datum is mean sea level. |
| TPHd | = | Total petroleum hydrocarbons as diesel analyzed using EPA Method 5030/8015B (modified). |
| TPHg | = | Total petroleum hydrocarbons as gasoline analyzed using EPA Method 5030/8015B (modified). |
| TPHmo | = | Total petroleum hydrocarbons as motor oil using EPA Method 8015B. |
| MTBE 8260B | = | Methyl tertiary butyl ether analyzed using EPA Method 8260B. |
| MTBE 8021B | = | Methyl tertiary butyl ether analyzed using EPA Method 8021B. |
| BTEX | = | Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 602 or 8021B. |
| ETBE | = | Ethyl tertiary butyl ether analyzed using EPA Method 8260B. |
| TAME | = | Tertiary amyl methyl ether analyzed using EPA Method 8260B. |
| TBA | = | Tertiary butyl alcohol analyzed using EPA Method 8260B. |
| EDB | = | 1,2-dibromoethane analyzed using EPA Method 8260B. |
| 1,2-DCA | = | 1,2-dichloroethane analyzed using EPA Method 8260B. |
| DIPE | = | Di-isopropyl ether analyzed using EPA Method 8260B. |
| Ethanol | = | Ethanol analyzed using EPA Method 8260B. |
| µg/L | = | Micrograms per liter. |
| < | = | Less than the indicated reporting limit shown by the laboratory. |
| --- | = | Not measured/Not sampled/Not analyzed. |
| a | = | Analyses performed past EPA recommended holding time. |
| b | = | Well sampled semi-annually. |
| c | = | Groundwater elevation data invalidated; analytical results suspect. |
| d | = | Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel. |
| e | = | TRPH-diesel surrogate was diluted out due to sample matrix |
| f | = | Analyte detected in Matrix Spike and Matrix Spike Duplicate. |
| g | = | Elevated result due to single analyte peak in quantitation range. |
| h | = | Initial analysis within EPA recommended hold time. Re-analysis for dilution performed past hold time. |
| i | = | Based on assigned benchmark with elevation arbitrarily set at 100 feet. |
| j | = | Benchmark is City of Oakland #37J. |
| k | = | Sample container broken in shipment. Analyses not performed. |
| l | = | Analyte detected in associated method blank. |

**TABLE 3B**

**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Well ID | Sampling Date | ETBE (µg/L) | TAME (µg/L) | TBA (µg/L) | EDB (µg/L) | 1,2-DCA (µg/L) | DIPE (µg/L) | Ethanol (µg/L) |
|---|---|---|---|---|---|---|---|---|
| MW6A | June 1988 - Well installed. | | | | | | | |
| MW6A | 06/24/88 - 12/31/91 Not analyzed for these analytes. | | | | | | | |
| MW6A | 05/02/92 - Well destroyed. | | | | | | | |
| MW6B | June 1988 - Well installed. | | | | | | | |
| MW6B | 06/24/88 - 10/02/02 Not analyzed for these analytes. | | | | | | | |
| MW6B | 01/07/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | --- |
| MW6B | 06/17/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <100 |
| MW6B | 07/16/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <100 |
| MW6B | 10/07/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <100 |
| MW6B | 01/14/04 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| MW6B | 06/03/04 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| MW6B | 08/12/04 | <0.50c | <0.50c | <10.0c | <0.50c | <0.50c | <0.50c | <50.0c |
| MW6B | 11/04/04 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| MW6B | 02/01/05 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| MW6B | 05/03/05 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| MW6B | 08/04/05 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | <50.0 |
| MW6B | 10/27/05 | <0.500 | <0.500 | <20.0 | <0.500 | <0.500 | <0.500 | <100 |
| MW6B | 01/26/06 | <0.50 | 0.56 | <20 | <0.50 | <0.50 | <0.50 | <100 |
| MW6B | 04/28/06 | <0.50 | <0.50 | 27 | <0.50 | 15 | 3.6 | --- |
| MW6B | 07/05/06 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | <50.0 |
| MW6B | 10/27/06 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | --- |
| MW6B | 01/19/07 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | <50.0 |
| MW6B | 04/24/07 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | --- |
| MW6B | 07/24/07 | <0.50 | <0.50 | <20 | <0.50 | <0.50 | <0.50 | --- |
| MW6B | 12/03/07 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <0.50 | --- |
| **MW6B** | **03/06/08** | **<0.50** | **<0.50** | **<5.0** | **<0.50** | **<0.50** | **<0.50** | **---** |
| MW6C | 06/15/88 - Well installed. | | | | | | | |
| MW6C | 06/24/88 - 04/30/90 Not analyzed for these analytes. | | | | | | | |
| MW6C | 05/10/90 - Well over-drilled into recovery well RW3. | | | | | | | |
| MW6D | 07/06/88 - Well installed. | | | | | | | |
| MW6D | 07/11/88 - 04/30/90 Not analyzed for these analytes. | | | | | | | |
| MW6D | 05/10/90 - Well over-drilled into recovery well RW2. | | | | | | | |
| MW6E | 10/04/88 - Well installed. | | | | | | | |
| MW6E | 10/20/88 - 10/02/02 Not analyzed for these analytes. | | | | | | | |
| MW6E | 01/07/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | --- |
| MW6E | 06/17/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <100 |

**TABLE 3B**
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Well ID | Sampling Date | ETBE (µg/L) | TAME (µg/L) | TBA (µg/L) | EDB (µg/L) | 1,2-DCA (µg/L) | DIPE (µg/L) | Ethanol (µg/L) |
|---|---|---|---|---|---|---|---|---|
| MW6E | 07/16/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <100 |
| MW6E | 10/07/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <100 |
| MW6E | 01/14/04 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| MW6E | 06/03/04 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| MW6E | 08/12/04 | <0.50c | <0.50c | <10.0c | <0.50c | <0.50c | <0.50c | <50.0c |
| MW6E | 11/04/04 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| MW6E | 02/01/05 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| MW6E | 05/03/05 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| MW6E | 08/04/05 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | <50.0 |
| MW6E | 10/27/05 | <0.500 | <0.500 | <20.0 | <0.500 | <0.500 | <0.500 | <100 |
| MW6E | 01/26/06 | <0.50 | <0.50 | <20 | <0.50 | <0.50 | <0.50 | <100 |
| MW6E | 04/28/06 | <0.50 | <0.50 | <20 | <0.50 | <0.50 | <0.50 | --- |
| MW6E | 07/05/06 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | <50.0 |
| MW6E | 10/27/06 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | --- |
| MW6E | 01/19/07 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | <50.0 |
| MW6E | 04/24/07 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | --- |
| MW6E | 07/24/07 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <0.50 | --- |
| MW6E | 12/03/07 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <0.50 | --- |
| **MW6E** | **03/06/08** | **<0.50** | **<0.50** | **<5.0** | **<0.50** | **<0.50** | **<0.50** | **---** |
| MW6F | 10/05/88 - Well installed. | | | | | | | |
| MW6F | 10/20/88 - 10/02/02 Not analyzed for these analytes. | | | | | | | |
| MW6F | 01/07/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | --- |
| MW6F | 06/17/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <100 |
| MW6F | 07/16/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <100 |
| MW6F | 10/07/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <100 |
| MW6F | 01/14/04 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| MW6F | 06/03/04 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| MW6F | 08/12/04 | <0.50c | <0.50c | <10.0c | <0.50c | <0.50c | <0.50c | <50.0c |
| MW6F | 11/04/04 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| MW6F | 02/01/05 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| MW6F | 05/03/05 | <0.50 | 0.90 | <10.0 | <0.50 | 1.70 | <0.50 | <50.0 |
| MW6F | 08/04/05 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | <50.0 |
| MW6F | 10/27/05 | <0.500 | <0.500 | <20.0 | <0.500 | <0.500 | <0.500 | <100 |
| MW6F | 01/26/06 | <0.50 | <0.50 | <20 | <0.50 | <0.50 | <0.50 | <100 |
| MW6F | 04/28/06 | <0.50 | <0.50 | <20 | <0.50 | <0.50 | <0.50 | --- |
| MW6F | 07/05/06 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | <50.0 |
| MW6F | 10/27/06 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | --- |
| MW6F | 01/19/07 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | <50.0 |
| MW6F | 04/24/07 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | --- |
| MW6F | 07/24/07 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <0.50 | --- |

**TABLE 3B**
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Well ID | Sampling Date | ETBE (µg/L) | TAME (µg/L) | TBA (µg/L) | EDB (µg/L) | 1,2-DCA (µg/L) | DIPE (µg/L) | Ethanol (µg/L) |
|---|---|---|---|---|---|---|---|---|
| MW6F | 12/03/07 | --- | --- | --- | --- | --- | --- | --- |
| **MW6F** | **03/06/08** | **<0.50** | **<0.50** | **<5.0** | **<0.50** | **<0.50** | **<0.50** | **---** |
| MW6G | 11/16/88 - Well installed. | | | | | | | |
| MW6G | 12/07/88 - 10/02/02 Not analyzed for these analytes. | | | | | | | |
| MW6G | 01/07/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | --- |
| MW6G | 06/17/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <100 |
| MW6G | 07/16/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <100 |
| MW6G | 10/07/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <100 |
| MW6G | 01/14/04 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| MW6G | 06/03/04 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| MW6G | 08/12/04 | <0.50c | <0.50c | <10.0c | <0.50c | <0.50c | <0.50c | <50.0c |
| MW6G | 11/04/04 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| MW6G | 02/01/05 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| MW6G | 05/03/05 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| MW6G | 08/04/05 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | <50.0 |
| MW6G | 10/27/05 | <0.500 | <0.500 | <20.0 | <0.500 | <0.500 | <0.500 | <100 |
| MW6G | 01/26/06 | <0.50 | <0.50 | <20 | <0.50 | <0.50 | <0.50 | <100 |
| MW6G | 04/28/06 | <0.50 | <0.50 | <20 | <0.50 | <0.50 | <0.50 | <100 |
| MW6G | 07/05/06 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | <50.0 |
| MW6G | 10/27/06 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | <100 |
| MW6G | 01/19/07 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | <50.0 |
| MW6G | 04/24/07 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | <50.0 |
| MW6G | 07/24/07 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <0.50 | <100 |
| MW6G | 12/03/07 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <0.50 | <100 |
| **MW6G** | **03/06/08** | **<0.50** | **<0.50** | **<5.0** | **<0.50** | **<0.50** | **<0.50** | **<100** |
| MW6H | December 1988 - Well installed. | | | | | | | |
| MW6H | 12/07/88 - 10/02/02 Not analyzed for these analytes. | | | | | | | |
| MW6H | 01/07/03 | <0.50 | <0.50 | 952 | <0.50 | <0.50 | 7.50 | --- |
| MW6H | 06/17/03 | <0.50 | <0.50 | 678 | <0.50 | <0.50 | 7.10 | <100 |
| MW6H | 07/16/03 | <0.50 | 0.70 | 307 | <0.50 | 14.6 | 6.20 | <100 |
| MW6H | 10/07/03 | <0.50 | <0.50 | 294 | <0.50 | <0.50 | 7.40 | <100 |
| MW6H | 01/14/04 | <0.50 | <0.50 | 883 | <0.50 | <0.50 | 6.80 | <50.0 |
| MW6H | 06/03/04 | <0.50 | <0.50 | 541 | <0.50 | <0.50 | 5.80 | <50.0 |
| MW6H | 08/12/04 | <0.50c | <0.50c | 754c | <0.50c | <0.50c | 5.40c | <50.0c |
| MW6H | 11/04/04 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| MW6H | 02/01/05 | <0.50 | <0.50 | 625 | <0.50 | <0.50 | 4.20 | <50.0 |
| MW6H | 05/03/05 | <0.50 | <0.50 | 436 | <0.50 | <0.50 | 3.10 | <50.0 |
| MW6H | 08/04/05 | <0.500 | <0.500 | 530 | <0.500 | <0.500 | 3.73 | <50.0 |
| MW6H | 10/27/05 | <0.500 | <0.500 | 422 | <0.500 | <0.500 | 4.62 | <100 |

**TABLE 3B**
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Well ID | Sampling Date | ETBE (µg/L) | TAME (µg/L) | TBA (µg/L) | EDB (µg/L) | 1,2-DCA (µg/L) | DIPE (µg/L) | Ethanol (µg/L) |
|---|---|---|---|---|---|---|---|---|
| MW6H | 01/26/06 | <25 | <25 | <1,000 | <25 | <25 | <25 | <5,000 |
| MW6H | 04/28/06 | <25 | <25 | <1,000 | <25 | <25 | <25 | <5,000 |
| MW6H | 07/05/06 | <0.500 | <0.500 | 137 | <0.500 | <0.500 | 2.41 | <50.0 |
| MW6H | 10/27/06 | <0.500 | <0.500 | 131 | <0.500 | <0.500 | 3.61 | <100 |
| MW6H | 01/19/07 | <0.500 | 28.1 | 161 | <0.500 | 25.7 | 2.96 | <50.0 |
| MW6H | 04/24/07 | <0.500 | <0.500 | 173 | <0.500 | <0.500 | 1.97 | <50.0 |
| MW6H | 07/24/07 | <0.50 | <0.50 | 140 | <0.50 | <0.50 | 3.8 | <100 |
| MW6H | 12/03/07 | <0.50 | <0.50 | 150 | <0.50 | <0.50 | 7.0 | <100 |
| **MW6H** | **03/06/08** | **<0.50** | **<0.50** | **92** | **<0.50** | **<0.50** | **1.8** | **<100** |
| MW6I | December 1988 - Well installed. | | | | | | | |
| MW6I | 12/07/88 - 10/02/02 Not analyzed for these analytes. | | | | | | | |
| MW6I | 01/07/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | --- |
| MW6I | 06/17/03 b | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 07/16/03 | <0.50 | <0.50 | 16.4 | <0.50 | <0.50 | <0.50 | <100 |
| MW6I | 10/07/03 b | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 01/14/04 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| MW6I | 06/03/04 b | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 08/12/04 | <0.50c | <0.50c | <10.0c | <0.50c | <0.50c | <0.50c | <50.0c |
| MW6I | 11/04/04 b | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 02/01/05 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| MW6I | 05/03/04 b | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 08/04/05 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | <50.0 |
| MW6I | 10/27/05 b | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 01/26/06 | <0.50 | <0.50 | <20 | <0.50 | <0.50 | <0.50 | <100 |
| MW6I | 04/28/06 b | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 07/05/06 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | <50.0 |
| MW6I | 10/27/06 b | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 01/19/07 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | <50.0 |
| MW6I | 04/24/07 b | --- | --- | --- | --- | --- | --- | --- |
| MW6I | 07/24/07 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <0.50 | --- |
| MW6I | 12/03/07 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <0.50 | <100 |
| **MW6I** | **03/06/08** | **<0.50** | **<0.50** | **<5.0** | **<0.50** | **<0.50** | **<0.50** | **---** |
| MW6J | 04/06/01 - Well installed. | | | | | | | |
| MW6J | 07/05/01 - 10/02/02 Not analyzed for these analytes. | | | | | | | |
| MW6J | 01/07/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | --- |
| MW6J | 06/17/03 | <0.50 | <0.50 | <10.0 | <0.50 | 0.90 | <0.50 | <100 |
| MW6J | 07/16/03 | <0.50 | <0.50 | <10.0 | <0.50 | 1.00 | <0.50 | <100 |
| MW6J | 10/07/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.5 | <0.50 | <100 |
| MW6J | 01/14/04 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |

**TABLE 3B**
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Well ID | Sampling Date | ETBE (µg/L) | TAME (µg/L) | TBA (µg/L) | EDB (µg/L) | 1,2-DCA (µg/L) | DIPE (µg/L) | Ethanol (µg/L) |
|---|---|---|---|---|---|---|---|---|
| MW6J | 06/03/04 | <0.50 | <0.50 | <10.0 | <0.50 | 2.00 | <0.50 | <50.0 |
| MW6J | 08/12/04 | <0.50c | <0.50c | <10.0c | <0.50c | 1.20c | <0.50c | <50.0c |
| MW6J | 11/04/04 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| MW6J | 02/01/05 | <0.50 | <0.50 | <10.0 | <0.50 | 1.20 | <0.50 | <50.0 |
| MW6J | 05/03/05 | <0.50 | <0.50 | <10.0 | <0.50 | 1.20 | <0.50 | <50.0 |
| MW6J | 08/04/05 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | <50.0 |
| MW6J | 10/27/05 | <0.500 | <0.500 | <20.0 | <0.500 | <0.500 | <0.500 | <100 |
| MW6J | 01/26/06 | <0.50 | <0.50 | <20 | <0.50 | 1.1 | <0.50 | <100 |
| MW6J | 04/28/06 | <0.50 | <0.50 | <20 | <0.50 | 1.3 | <0.50 | --- |
| MW6J | 07/05/06 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | <50.0 |
| MW6J | 10/27/06 | <0.500 | <0.500 | <10.0 | <0.500 | 1.04 | <0.500 | --- |
| MW6J | 01/19/07 | <0.500 | <0.500 | <10.0 | <0.500 | 1.15 | <0.500 | <50.0 |
| MW6J | 04/24/07 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | --- |
| MW6J | 07/24/07 | <0.50 | <0.50 | <20 | <0.50 | 1.1 | <0.50 | --- |
| MW6J | 12/03/07 | <0.50 | <0.50 | <10 | <0.50 | 1.8 | <0.50 | --- |
| **MW6J** | **03/06/08 m** | **---** | **---** | **---** | **---** | **---** | **---** | **---** |
| RW1 | 05/10/90 - Well installed. | | | | | | | |
| RW1 | 10/16/90 - 10/02/02 Not analyzed for these analytes. | | | | | | | |
| RW1 | 01/07/03 | <10.0 | <10.0 | <200 | <10.0 | <10.0 | <10.0 | --- |
| RW1 | 06/17/03 | <0.50 | <0.50 | 324 | <0.50 | <0.50 | <0.50 | <100 |
| RW1 | 07/16/03 | <0.50 | <0.50 | 110 | <10.0 | 1.70 | 1.10 | <100 |
| RW1 | 10/07/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <100 |
| RW1 | 01/14/04 | <0.50 | <0.50 | 234 | <0.50 | <0.50 | 0.90 | <50.0 |
| RW1 | 06/03/04 | <0.50 | <0.50 | 338 | <0.50 | <0.50 | 1.30 | <50.0 |
| RW1 | 08/12/04 | <0.50c | <0.50c | 437c | 1.30c | <0.50c | 1.20c | <50.0c |
| RW1 | 11/04/04 | <0.50 | <0.50 | 541 | <0.50 | <0.50 | <0.50 | <50.0 |
| RW1 | 02/01/05 | <0.50 | <0.50 | 261 | <0.50 | <0.50 | 1.80 | <50.0 |
| RW1 | 05/03/05 | <0.50 | <0.50 | 200 | <0.50 | <0.50 | <0.50 | <50.0 |
| RW1 | 08/04/05 | <0.500 | <0.500 | 169 | <0.500 | <0.500 | <0.500 | <50.0 |
| RW1 | 10/27/05 | <0.500 | <0.500 | 152 | <0.500 | <0.500 | 0.660 | <100 |
| RW1 | 01/26/06 | <2.5 | <2.5 | 280 | <2.5 | <2.5 | <2.5 | <500 |
| RW1 | 04/28/06 | <0.50 | <0.50 | 86 | <0.50 | <0.50 | <0.50 | <100 |
| RW1 | 07/05/06 | <0.500 | <0.500 | 80.5 | 1.02 | <0.500 | <0.500 | <50.0 |
| RW1 | 10/27/06 | <0.500 | <0.500 | 104 | <0.500 | <0.500 | <0.500 | <100 |
| RW1 | 01/19/07 | <0.500 | <0.500 | 64.6 | <0.500 | <0.500 | <0.500 | <50.0 |
| RW1 | 04/24/07 | <0.500 | <0.500 | 70.8 | <0.500 | <0.500 | <0.500 | <50.0 |
| RW1 | 07/24/07 | <0.50 | <0.50 | 17 | <0.50 | <0.50 | <0.50 | <100 |
| RW1 | 12/03/07 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <0.50 | <100 |
| **RW1** | **03/06/08** | **<0.50** | **<0.50** | **37** | **<0.50** | **<0.50** | **<0.50** | **<100** |

**TABLE 3B**

**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Well ID | Sampling Date | ETBE (µg/L) | TAME (µg/L) | TBA (µg/L) | EDB (µg/L) | 1,2-DCA (µg/L) | DIPE (µg/L) | Ethanol (µg/L) |
|---|---|---|---|---|---|---|---|---|
| MW6D | 07/06/88 - Well installed. | | | | | | | |
| MW6D | 07/11/88 - 04/30/90 Not analyzed for these analytes. | | | | | | | |
| MW6D | 05/10/90 - Well over-drilled into recovery well RW2 | | | | | | | |
| RW2 | 10/16/90 - 10/02/02 Not analyzed for these analytes. | | | | | | | |
| RW2 | 01/07/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | --- |
| RW2 | 06/17/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <100 |
| RW2 | 07/16/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <100 |
| RW2 | 10/07/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <100 |
| RW2 | 01/14/04 | <0.50 | <0.50 | 370 | <0.50 | <0.50 | <0.50 | <50.0 |
| RW2 | 06/03/04 | <0.50 | <0.50 | 370 | <0.50 | <0.50 | <0.50 | <50.0 |
| RW2 | 08/12/04 | <0.50c | <0.50c | <10.0c | 1.30c | <0.50c | <0.50c | <50.0c |
| RW2 | 11/04/04 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| RW2 | 02/01/05 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| RW2 | 05/03/05 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| RW2 | 08/04/05 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | <50.0 |
| RW2 | 10/27/05 | <0.500 | <0.500 | <20.0 | <0.500 | <0.500 | <0.500 | <100 |
| RW2 | 01/26/06 | <0.50 | <0.50 | <20 | <0.50 | <0.50 | <0.50 | <100 |
| RW2 | 04/28/06 | <0.50 | <0.50 | <20 | <0.50 | <0.50 | <0.50 | --- |
| RW2 | 07/05/06 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | <50.0 |
| RW2 | 10/27/06 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | --- |
| RW2 | 01/19/07 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | <50.0 |
| RW2 | 04/24/07 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | --- |
| RW2 | 07/24/07 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | <0.50 | --- |
| RW2 | 12/03/07 | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <0.50 | --- |
| **RW2** | **03/06/08** | **<0.50** | **<0.50** | **<5.0** | **<0.50** | **<0.50** | **<0.50** | **---** |
| MW6C | 06/15/88 - Well installed. | | | | | | | |
| MW6C | 06/24/88 - 04/30/90 Not analyzed for these analytes. | | | | | | | |
| MW6C | 05/10/90 - Well over-drilled into recovery well RW3 | | | | | | | |
| RW3 | 10/16/90 - 10/16/91 Not analyzed for these analytes. | | | | | | | |
| RW3 | 11/05/91 - Well destroyed. | | | | | | | |
| RW3A | 08/24/92 - Well installed in place of RW3. | | | | | | | |
| RW3A | 08/24/98 - 10/02/02 Not analyzed for these analytes. | | | | | | | |
| RW3A | 01/07/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | --- |
| RW3A | 06/17/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | 1.20 | <100 |
| RW3A | 07/16/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | 1.40 | <100 |
| RW3A | 10/07/03 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | 1.40 | <100 |
| RW3A | 01/14/04 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | 2.20 | <50.0 |
| RW3A | 06/03/04 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | 1.20 | <50.0 |
| RW3A | 08/12/04 | <0.50c | <0.50c | <10.0c | <0.50c | <0.50c | 1.10c | <50.0c |

**TABLE 3B**

**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Well ID | Sampling Date | ETBE (µg/L) | TAME (µg/L) | TBA (µg/L) | EDB (µg/L) | 1,2-DCA (µg/L) | DIPE (µg/L) | Ethanol (µg/L) |
|---|---|---|---|---|---|---|---|---|
| RW3A | 11/04/04 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | <50.0 |
| RW3A | 02/01/05 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | 2.10 | <50.0 |
| RW3A | 05/03/05 | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | 0.60 | <50.0 |
| RW3A | 08/04/05 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | <50.0 |
| RW3A | 10/27/05 | <0.500 | <0.500 | <20.0 | <0.500 | <0.500 | 0.980 | <100 |
| RW3A | 01/26/06 | <0.50 | <0.50 | <20 | <0.50 | <0.50 | 3.2 | <100 |
| RW3A | 04/28/06 | <0.50 | <0.50 | <20 | <0.50 | <0.50 | 1.5 | <100 |
| RW3A | 07/05/06 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | 1.20 | <50.0 |
| RW3A | 10/27/06 | <0.500 | <0.500 | 17.3 | <0.500 | <0.500 | 3.90 | <100 |
| RW3A | 01/19/07 | <0.500 | <0.500 | <10.0 | <0.500 | 1.30 | 1.55 | <50.0 |
| RW3A | 04/24/07 | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | 1.61 | <50.0 |
| RW3A | 07/24/07 | <0.50 | <0.50 | <5.0 | <0.50 | <0.50 | 3.1 | <100 |
| RW3A | 12/03/07 | <0.50 | <0.50 | 30 | <0.50 | <0.50 | 7.5 | <100 |
| **RW3A** | **03/06/08** | **<0.50** | **<0.50** | **<5.0** | **<0.50** | **<0.50** | **0.88** | **<100** |

**TABLE 3B**
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**
Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Notes: | | |
|---|---|---|
| TOC | = | Top of casing elevation; datum is mean sea level. |
| NAPL | = | Non-aqueous phase liquid. |
| sheen | = | Liquid-phase hydrocarbon present as sheen. |
| in. | = | Inches of floating product. |
| DTW | = | Depth to water. |
| GW Elev. | = | Groundwater elevation; datum is mean sea level. |
| TPHd | = | Total petroleum hydrocarbons as diesel analyzed using EPA Method 5030/8015B (modified). |
| TPHg | = | Total petroleum hydrocarbons as gasoline analyzed using EPA Method 5030/8015B (modified). |
| TPHmo | = | Total petroleum hydrocarbons as motor oil using EPA Method 8015B. |
| MTBE 8260B | = | Methyl tertiary butyl ether analyzed using EPA Method 8260B. |
| MTBE 8021B | = | Methyl tertiary butyl ether analyzed using EPA Method 8021B. |
| BTEX | = | Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 602 or 8021B. |
| ETBE | = | Ethyl tertiary butyl ether analyzed using EPA Method 8260B. |
| TAME | = | Tertiary amyl methyl ether analyzed using EPA Method 8260B. |
| TBA | = | Tertiary butyl alcohol analyzed using EPA Method 8260B. |
| EDB | = | 1,2-dibromoethane analyzed using EPA Method 8260B. |
| 1,2-DCA | = | 1,2-dichloroethane analyzed using EPA Method 8260B. |
| DIPE | = | Di-isopropyl ether analyzed using EPA Method 8260B. |
| Ethanol | = | Ethanol analyzed using EPA Method 8260B. |
| µg/L | = | Micrograms per liter. |
| < | = | Less than the indicated reporting limit shown by the laboratory. |
| --- | = | Not measured/Not sampled/Not analyzed. |
| a | = | Analyses performed past EPA recommended holding time. |
| b | = | Well sampled semi-annually. |
| c | = | Groundwater elevation data invalidated; analytical results suspect. |
| d | = | Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel. |
| e | = | TRPH-diesel surrogate was diluted out due to sample matrix |
| f | = | Analyte detected in Matrix Spike and Matrix Spike Duplicate. |
| g | = | Elevated result due to single analyte peak in quantitation range. |
| h | = | Initial analysis within EPA recommended hold time. Re-analysis for dilution performed past hold time. |
| i | = | Based on assigned benchmark with elevation arbitrarily set at 100 feet. |
| j | = | Benchmark is City of Oakland #37J. |
| k | = | Sample container broken in shipment. Analyses not performed. |
| l | = | Analyte detected in associated method blank. |

**TABLE 4**

**WELL CONSTRUCTION DETAILS**

Former Exxon Service Station 70235
2225 Telegraph Avenue
Oakland, California


| Well ID | Date Well Installed | TOC Elevation (feet) | Borehole Diameter (inches) | Total Depth of Boring (feet bgs) | Well Depth (feet bgs) | Well Casing Diameter (inches) | Well Casing Material | Screened Interval (feet bgs) | Slot Size (inches) | Filter Pack Interval (feet bgs) | Filter Pack Material |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW6A | Well destroyed in 1992. | | | | | | | | | | |
| MW6B | June 1988 | 21.09 | 8 | 20 | 19 | 2 | PVC | 9-19 | 0.020 | 7-20 | #3 Sand |
| MW6C | Well converted to groundwater recovery well RW3 in 1990. | | | | | | | | | | |
| MW6D | Well converted to groundwater recovery well RW2 in 1990. | | | | | | | | | | |
| MW6E | 10/04/88 | 21.24 | 10.5 | 21.5 | 20.5 | 4 | PVC | 10-19.5 | 0.020 | 8-21.5 | #3 Sand |
| MW6F | 10/05/88 | 22.17 | 10.5 | 22 | 20 | 4 | PVC | 10-19.5 | 0.020 | 8-22 | #3 Sand |
| MW6G | 11/16/88 | 20.46 | 8 | 20 | 20 | 4 | PVC | 10-19.5 | 0.020 | 8-20 | #3 Sand |
| MW6H | 11/16/88 | 20.20 | 8 | 21 | 20 | 4 | PVC | 10-19.5 | 0.020 | 8-21 | #3 Sand |
| MW6I | 11/17/88 | 19.87 | 8 | 21 | 20 | 4 | PVC | 10-19.5 | 0.020 | 8-21 | #3 Sand |
| MW6J | 04/06/01 | 20.75 | 8 | 23 | 23 | 2 | PVC | 6-23 | 0.020 | 6-23 | #2/12 Sand |
| RW1 | 05/10/90 | 20.43 | 12 | 25 | 25 | 4 | PVC | 9.5-24.5 | 0.020 | 8.5-25 | #3 Sand |
| RW2 | 07/06/88 | 20.64 | 12 | 25 | 25 | 4 | PVC | 9.5-24.5 | 0.020 | 9.5-25 | #3 Sand |
| RW3 | Well destroyed in 1991 and replaced with well RW3A in 1992. | | | | | | | | | | |
| RW3A | 08/24/92 | 21.89 | 12 | 21.5 | 21.5 | 4 | PVC | 9-21 | 0.020 | 8-21.5 | #3 Sand |
| VW1 | 06/05/92 | NS | NS | 11 | 11 | 4 | PVC | 6-11 | 0.020 | NS | NS |
| VW2 | 06/05/92 | NS | NS | 11 | 11 | 4 | PVC | 6-11 | 0.020 | NS | NS |
| VW3 | 08/24/92 | NS | 12 | 13.5 | 13.5 | 4 | PVC | 4-13.5 | 0.050 | 4-13.5 | Aquarium Sand |

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

# APPENDIX A

# FIELD PROTOCOL

## FIELD PROTOCOL

Site Safety Plan

Field work will be performed by ERI personnel in accordance with a Site Safety Plan developed for the site. This plan describes the basic safety requirements for the subsurface investigation at the site. The Site Safety Plan is applicable to personnel and subcontractors of ERI. Personnel at the site are informed of the contents of the Site Safety Plan before work begins. A copy of the Site Safety Plan is kept at the work site and is available for reference during the work. The ERI geologist will act as the Site Safety Officer.

Drilling of Soil Borings

Prior to the drilling of soil borings, ERI will acquire necessary permits from the appropriate agency(ies). ERI will also contact Underground Service Alert (USA) and a private underground utility locator (per ExxonMobil protocol) before drilling to help locate utility lines at the site. ERI will clear the proposed locations to a depth of approximately 4 or 8 feet (depending on the location), before drilling to reduce the risk of damaging underground structures.

The Cone Penetration Test (CPT) and Hydropunch® (HP) borings will be drilled with a direct-push drill rig. Soil borings will be drilled with a direct-push drill rig. Core samples will be continuously collected from the soil borings. Drill rods and sampling equipment will be steam-cleaned before use and between borings to minimize the possibility of crosshole contamination. The rinsate will be containerized and stored on site. ERI will coordinate with ExxonMobil for appropriate disposal of the rinsate.

Drilling will be performed under the observation of a field geologist, and the earth materials in the boring will be identified using visual and manual methods, and classified as drilling progresses using the Unified Soil Classification System.

Soil samples will be monitored with a photo-ionization detector (PID), which measures hydrocarbon concentrations in the ambient air or headspace above the soil sample. Field instruments such as the PID are useful for indicating relative levels of hydrocarbon vapors, but do not detect concentrations of hydrocarbons with the same precision as laboratory analyses. Soil samples selected for possible chemical analysis will be sealed promptly with Teflon® tape and plastic caps. The samples will be labeled and placed in iced storage for transport to the laboratory. Chain of Custody records will be initiated by the geologist in the field, updated throughout handling of the samples, and sent with the samples to the laboratory. Copies of these records will be in the final report. Cuttings generated during drilling will be placed on plastic sheeting and covered and left at the site. ERI will coordinate with ExxonMobil for the soil to be removed to an appropriate disposal facility.

Groundwater Sample Collection

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 preservation used for each sample in 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 bubble 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.