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**Environmental Services Company**  
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Oakland, California 94611  
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**Jennifer C. Sedlachek**  
Project Manager

**RECEIVED**

11:45 am, Jul 18, 2011

Alameda County  
Environmental Health

**ExxonMobil**

July 14, 2011

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

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

Dear Ms. Jakub:

Attached for your review and comment is a copy of the letter report entitled *Agency Response and Work Plan for Soil Vapor Sampling*, dated July 14, 2011, for the above-referenced site. The report was prepared by Cardno ERI of Petaluma, California, and details activities at the subject site.

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

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

Sincerely,



Jennifer C. Sedlachek  
Project Manager

Attachment: Cardno ERI's *Agency Response and Work Plan for Soil Vapor Sampling*, dated July 14, 2011

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

w/o attachment  
Ms. Paula Sime, Cardno ERI



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July 14, 2011  
Cardno ERI 2010C.W06

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

**SUBJECT Agency Response and Work Plan for Soil Vapor Sampling**  
Former Exxon Service Station 73006  
720 High Street, Oakland, California

Alameda County RO#491

Ms. Sedlachek:

At the request of ExxonMobil Environmental Services (EMES), on behalf of Exxon Mobil Corporation, Cardno ERI prepared this work plan to evaluate current soil vapor conditions at the subject site and respond to comments in the Alameda County Environmental Health (ACEH) letter dated April 29, 2011 (Appendix A). Proposed work will involve the installation and sampling of four soil vapor sampling (SVS) wells (SVS1 through SVS4) and comparison of the results to published screening levels. Comments from the ACEH's letter are paraphrased below in bold, followed by Cardno ERI's response.

- 1. Off-Site Petroleum Hydrocarbons. Previous work performed by ExxonMobil off-site indicates that petroleum hydrocarbons are present in free-product range. As discussed above, groundwater concentrations from samples collected in boring CPT2 indicate TPHg was detected at 1,060,000 parts per billion (ppb) and benzene at 1,380 ppb. ACEH approved a work plan to investigate this contamination on August 5, 2008. However, the wells have yet to be installed due to California Department of Transportation (Caltrans) restrictions for work during the**

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### **High Street project.**

**In 2009, East Bay Municipal Utility District was required to move a sewer line downgradient of the ExxonMobil site for the Caltrans High Street project. Petroleum hydrocarbons were encountered and the Regional Water Quality Control Board required the Ekotek Lube site at 4200 Alameda Avenue, Oakland to advance soil borings south of Highway 880 to investigate the petroleum hydrocarbons. The results from boring SB-8 revealed 46,000 ug/L TPHg and 58,000 ug/L TPHd. This boring is downgradient of the ExxonMobil site and from the free product which was detected in CPT2. The chromatogram suggests that these hydrocarbons differ from the constituents detected at the Ekotek site, indicating Ekotek is not the source. Therefore, additional investigation is needed in this area to determine the downgradient extent of the petroleum hydrocarbons originating from the ExxonMobil site. Please prepare a work plan to evaluate the extent of contamination downgradient of your site by the due date requested below.**

In December 2006, Environmental Resolutions, Inc. (ERI) conducted an off-site investigation to define the extent of petroleum hydrocarbons downgradient of the site and boring CPT2. Borings CPT11 and CPT12 were advanced downgradient to the west/southwest of the site in the Caltrans right-of-way underneath the I-880 overpass. Additional borings CPT8 through CPT10 were proposed to provide a transect of lateral delineation to the southwest, but the borings could not be completed due to the presence of multiple underground utilities.

Results of the 2006 investigation indicated that petroleum hydrocarbons are not delineated west/southwest of the site. In the 2006 assessment report, ERI recommended the installation of additional groundwater monitoring wells MW16A/B, MW17A/B, and MW19A/B through MW21A/B on the Caltrans parcel to provide lateral delineation west/southwest and south of the site; however, access to the Caltrans parcel was subsequently revoked until 2013 due to the retrofit of the High Street overpass. Proposed wells MW16A/B, MW17A/B, and MW19A/B were relocated and installed as on-site monitoring wells during an investigation in 2009. Wells MW20A/B and MW21A/B remain proposed on the Caltrans parcel and will be installed upon completion of the High Street overpass retrofit activities when access to the parcel is reinstated. Additional wells may be proposed on the parcel at a later date; however, it is premature to propose well locations prior to completing construction of the overpass structures. Cardno ERI recommends submitting a work plan for further off-site delineation when construction and the installation of wells MW20A, MW20B, MW21A, and MW22B are completed. Caltrans has indicated that the overpass construction will be complete and access negotiations can resume in 2013.

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- 2. Contaminant Source Area Characterization.** On-site petroleum hydrocarbons remain near the former waste-oil tank at concentrations of up to 3,100 mg/kg TPHg and 1,338 mg/kg TPHd. Groundwater concentrations remain elevated in this area (MW7) and had increased before the well was destroyed in 2000 and no remediation was performed here. Also no apparent volatile organic analysis was performed adjacent to the waste oil UST and no vapor survey has been performed at the site. Please address these aspects in the work plan requested below.

VOCs were analyzed in groundwater samples collected from well MW7 between 1987 and 1993 and results were below laboratory reporting limits with the exception of chloromethane, reported at a concentration of 2.4 µg/L in November 1990. VOCs have not been detected above laboratory reporting limits in groundwater samples collected from other wells at the site. VOCs have been adequately characterized and additional analyses are not warranted at this time.

Soil vapor sampling has not been conducted at the site. Concentrations of dissolved and residual hydrocarbons at the site indicate that SVS is warranted. A work plan for SVS is provided in the following section.

- 3. Groundwater Contaminant Plume Monitoring.** Please reduce groundwater monitoring to semi-annual for all site wells and report on a semi-annual basis.

Monitoring and sampling of site wells will be conducted semi-annually during second and fourth quarters.

## **WORK PLAN FOR SOIL VAPOR SAMPLING**

### **Soil Vapor Survey and Risk Evaluation**

To evaluate concentrations of fuel hydrocarbons and related constituents in soil vapor underlying the site and the potential vapor intrusion pathway, Cardno ERI proposes to install four SVS wells (SVS1 through SVS4) (Plate 1). Groundwater monitoring data indicate that groundwater beneath the site in the area of the station building is encountered at approximately 4 to 7 feet bgs. The SVS wells will be screened above static groundwater at approximately 4 feet bgs. The proposed locations of the SVS wells were selected to assess the soil vapor conditions near the commercial building and in areas of maximum reported residual hydrocarbon concentrations (Tables 1A, 1B, 2A, and 2B; Appendix B). Work will be performed in accordance with Cardno ERI's field protocol (Appendix C).

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Cardno ERI will conduct the soil vapor survey in accordance with protocol presented in the following guidance documentation:

- *Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air* (Interim Final), published by the Department of Toxic Substances Control of the California Environmental Protection Agency (December 15, 2004, revised February 7, 2005) (DTSC, 2005).
- *Advisory – Active Soil Gas Investigations*, jointly issued by the Department of Toxic Substances Control of the California Environmental Protection Agency and the California Regional Water Quality Control Board, Los Angeles Region (CRWQCB-LA, 2003).
- *Collecting and Interpreting Soil Gas-Samples from the Vadose Zone, A Practical Strategy for Assessing the Subsurface Vapor-to-Indoor Air Migration Pathway of Petroleum Hydrocarbon Sites*, American Petroleum Institute Publication Number 4741 (November 2005) (API, 2005).
- *Advisory – Active Soil Gas Investigation* (Draft), published by the Department of Toxic Substances Control of the California Environmental Protection Agency (March 3, 2010) (DTSC, 2010).
- *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*, published by the California Regional Water Quality Control Board, San Francisco Bay Region (revised May 2008) (CRWQCB-SFB, 2008).

The SVS borings will be advanced to approximately 4 feet bgs using hand and/or vacuum excavation tools. Soil samples will be collected from each SVS well location at approximately 1-foot intervals and select soil samples will be preserved for laboratory analysis. An SVS well will be constructed in each boring with screens placed at approximately 4 feet bgs (Plate 2).

At least 48 hours after well installation, a purge volume test will be conducted on well SVS4 to evaluate the appropriate purge volume for sample collection. Following the purge volume test, the wells will be sampled. A schematic drawing showing the SVS manifold and associated equipment is presented on Plate 3.

Cardno ERI will evaluate the potential human health risk posed by soil vapor intrusion from underlying sources. ERI will compare the concentrations of vapor-phase petroleum hydrocarbons reported in soil vapor samples from the wells to published screening levels. If warranted, site-specific risk will be further evaluated using building-specific construction parameters and attenuation factors.

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### **Laboratory Analyses**

Select soil samples from SVS well installation activities will be submitted for analysis to a California state-certified analytical laboratory. Samples will be analyzed for TPHd and TPHg using EPA Method 8015B and BTEX, MTBE, DIPE, ETBE, TAME, TBA, 1,2-DCA, EDB, and ethanol using EPA Method 8260B.

Soil vapor samples will be analyzed for full-scan VOCs, including BTEX, lead scavengers (including 1,2-DCA), and naphthalene using EPA Method TO-15; TPHg using EPA Method TO-3 or TO15; and oxygen, carbon dioxide, helium, and methane using ASTM Method 1946.

### **Waste Management Plan**

Soil and rinsate water generated during field activities will be temporarily stored on site in DOT-approved, 55-gallon drums. Soil cuttings will be transported to TPST Soil Recyclers of California's approved facility in Adelanto, California, for recycling. Rinsate water will be transported to InStrat Inc., of Rio Vista, California, for disposal. Waste disposal documentation for soil and water will be included in the report.

### **Survey**

The proposed SVS wells will be surveyed in accordance with Assembly Bill (AB) 2886.

### **Report**

After completion of the proposed field activities, a report summarizing field and laboratory procedures, boring logs, laboratory results, conclusions, and recommendations will be submitted to EMES and the ACEH. The report will be signed by a State of California professional geologist.

### **CONTACT INFORMATION**

The responsible party contact is Ms. Jennifer C. Sedlachek, ExxonMobil Environmental Services, 4096 Piedmont Avenue #194, Oakland, California, 94611. The consultant contact is Ms. Paula Sime, Cardno ERI, 601 North McDowell Boulevard, Petaluma, California, 94954. The agency contact is Ms. Barbara Jakub, Alameda County Health Care Services Agency, Environmental Health Department, 1131 Harbor Bay Parkway, Suite 250, Alameda, California 94502-6577.

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## LIMITATIONS

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

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

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

Sincerely,

SCANNED  
 IMAGE

Paula Sime  
 Senior Project Manager  
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SCANNED  
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cc: Ms. Barbara Jakub, P.G., Alameda County Health Care Services Agency, Environmental Health, Department, Environmental Protection, 1131 Harbor Bay Parkway, Suite 250, Alameda, California 94502-6577

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

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

Mr. Victor Chu, 3915 Forest Hill Avenue, Oakland, California, 94602

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Enclosures:

References

Acronym List

Plate 1	Generalized Site Plan
Plate 2	Schematic Soil Vapor Sampling Well Diagram
Plate 3	Schematic Soil Vapor Purging and Sampling Equipment Diagram
Table 1A	Cumulative Groundwater Monitoring and Sampling Data
Table 1B	Additional Cumulative Groundwater Monitoring and Sampling Data
Table 2A	Cumulative Soil Analytical Results
Table 2B	Additional Cumulative Soil Analytical Results
Appendix A	Correspondence
Appendix B	Historical Soil and Groundwater Analytical Maps
Appendix C	Field Protocol



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## REFERENCES

American Petroleum Institute (API). November 2005. *Collecting and Interpreting Soil Gas Samples from the Vadose Zone*. Publication Number 4741.

California Regional Water Quality Control Board, Los Angeles Region (CRWQCB-LA). January 2003. *Advisory – Active Soil Gas Investigations*.

California Regional Water Quality Control Board, San Francisco Bay Region (CRWQCB-SFB). May 2008. *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater (Interim Final – May 2008)*.

Department of Toxic Substances Control of the California Environmental Protection Agency (DTSC). December 15, 2004. *Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (Interim Final)*. Revised February 7, 2005.

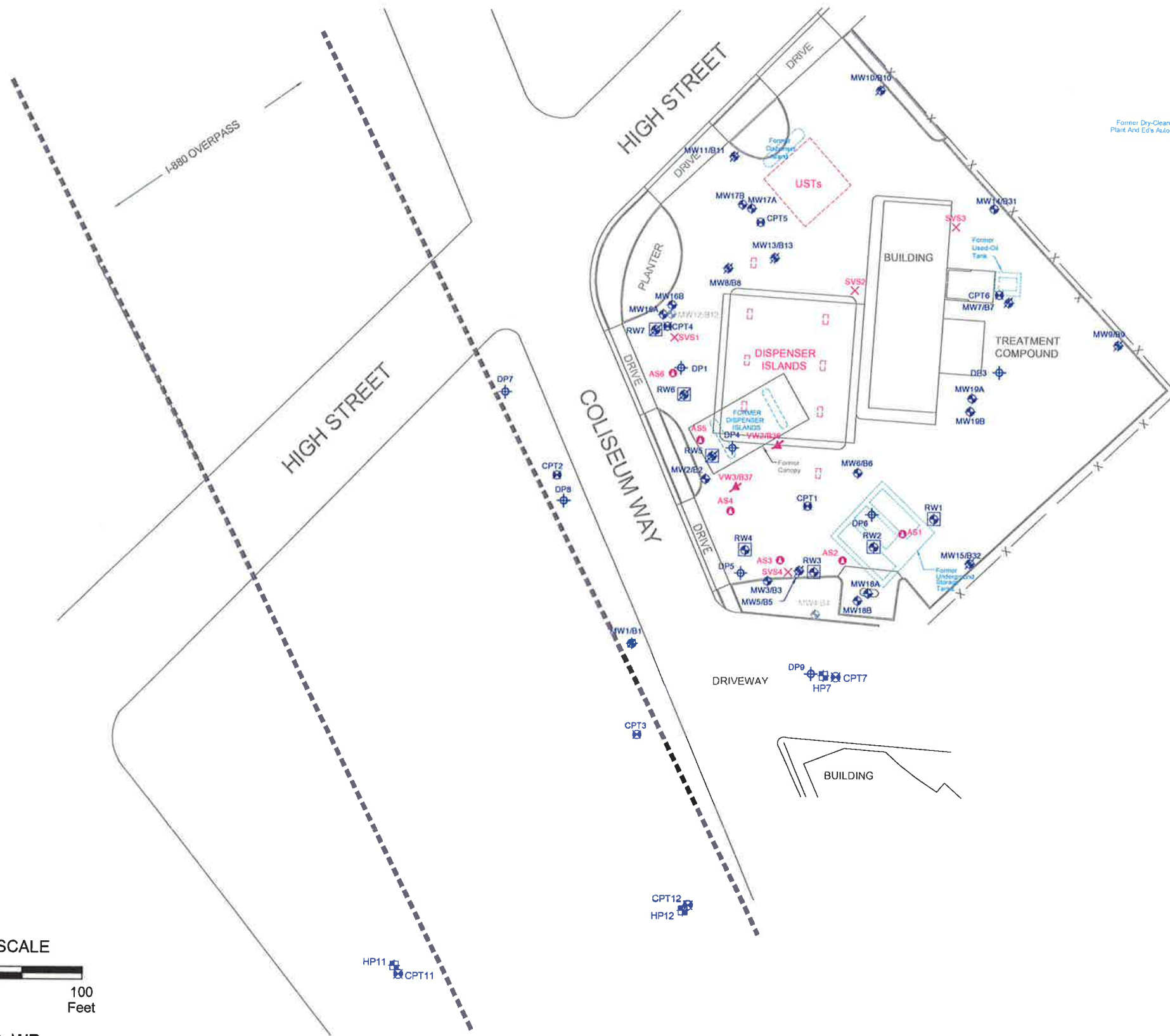
Department of Toxic Substances Control of the California Environmental Protection Agency (DTSC). March 3, 2010. *Advisory – Active Soil Gas Investigation (Draft)*.

July 14, 2011

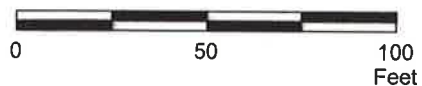
Cardno ERI 2010C.W06 Former Exxon Service Station 73006, Oakland, California

**ACRONYM LIST**

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



APPROXIMATE SCALE



FN 2010 11 W06 GSP\_WP.



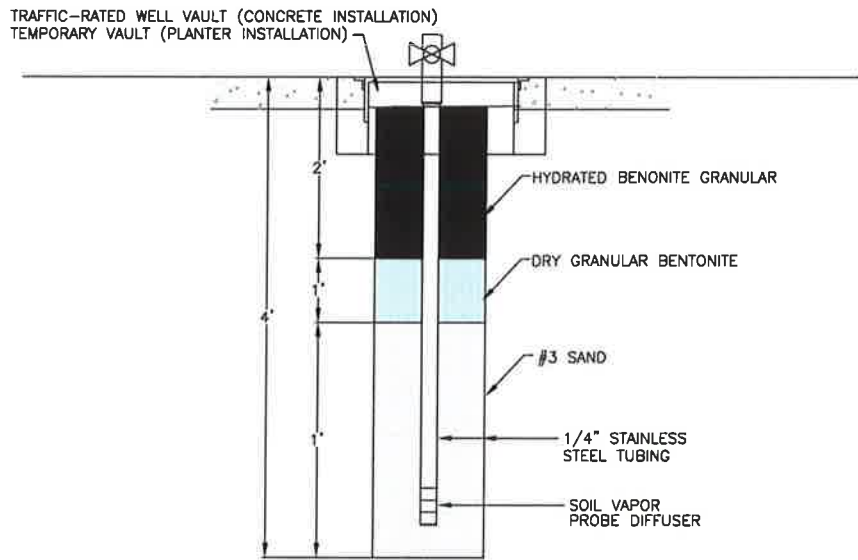
**GENERALIZED SITE PLAN**  
 FORMER  
 EXXON SERVICE STATION 73006  
 720 High Street  
 Oakland, California

**EXPLANATION**

- MW19B Groundwater Monitoring Well
- AS6 Air Sparge Well
- RW4 Recovery Well
- DP9 Direct-Push Boring
- CPT12 Cone Penetration Test Boring
- HP12 Hydropunch Boring
- RW7 Destroyed Recovery Well
- MW15 Destroyed Groundwater Monitoring Well
- VW3/B37 Soil Vapor Extraction Well
- MW12/B12 Well with limited access
- SWS4 Proposed Soil Vapor Sampling Well

**PROJECT NO.**  
2010

**PLATE**  
1



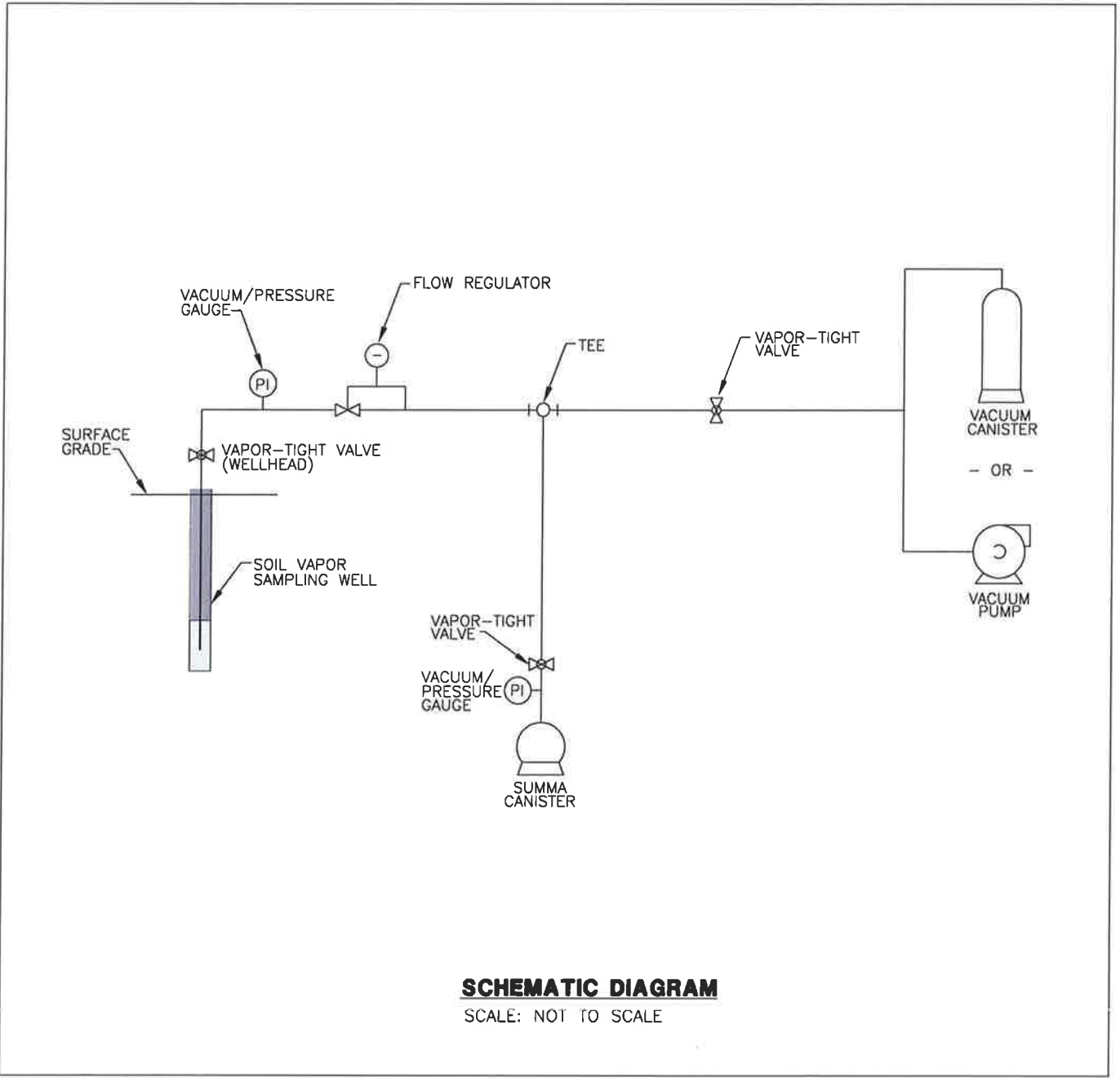
**SOIL VAPOR SAMPLING WELL DETAIL**  
NOT TO SCALE

FN 2010 11 W06 SVS WELL\_WP



**SCHEMATIC SOIL VAPOR  
SAMPLING WELL DIAGRAM**  
FORMER EXXON SERVICE STATION 73006  
720 High Street  
Oakland, California

<b>PROJECT NO.</b>	2010
<b>PLATE</b>	2



FN 2010 11 W06 SCHEMATIC SOIL VAPOR\_WP



**SCHEMATIC SOIL VAPOR  
PURGING AND SAMPLING  
EQUIPMENT DIAGRAM**  
FORMER EXXON SERVICE STATION 73006  
720 High Street  
Oakland, California

**PROJECT NO.**  
2010  
**PLATE**  
3

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

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

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

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

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

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



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

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

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

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

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW2	11/15/07	---	13.06	6.71	6.35	No		120g	140	---	13	22	<0.50	<0.50	<0.50
MW2	01/02/08	---	13.06	6.20	6.86	No		430j	890	---	25	330	<5.0	<5.0	6.6
MW2	04/03/08	---	13.06	5.10	7.96	No		230g	170	---	13	<0.50	1.0	<0.50	1.9
MW2	07/09/08	---	13.06	6.23	6.83	No		350g	86	---	6.4	<0.50	<0.50	<0.50	<0.50
MW2	10/01/08	---	13.06	Well covered by asphalt.											
MW2	01/07/09	---	13.06	Well covered by asphalt.											
MW2	01/16/09	---	13.06	6.99	6.07	No		1,100	1,000	---	14	290	3.6	1.2	11
MW2	04/24/09	---	13.06	5.76	7.30	No		310	570	---	6.1	<0.50	<0.50	<0.50	<1.0
MW2	07/01/09	---	13.06	6.37	6.69	No		290	68	---	11	<0.50	<0.50	<0.50	<1.0
MW2	10/01/09	---	13.06	6.61	6.45	No		---	---	---	---	---	---	---	---
MW2	03/04/10	---	13.06	3.84	9.22	No		---	---	---	---	---	---	---	---
MW2	05/06/10	---	13.06	4.10	8.96	No		680	230g	---	1.8	<0.50	<0.50	<0.50	<1.0
MW2	08/06/10	---	13.06	6.10	6.96	No		---	---	---	---	---	---	---	---
MW2	11/02/10	---	13.06	6.83	6.23	No		290	240g	---	4.4	15	<0.50	<0.50	<1.0
<b>MW2</b>	<b>04/21/11</b>	---	<b>13.06</b>	<b>7.10</b>	<b>5.96</b>	<b>No</b>		<b>230</b>	<b>120g</b>	---	<b>1.2</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.0</b>
MW3	09/10/87	---	Well installed.												
MW3	Sept 1987	---	12.92	---	---	---		660	2,101	---	---	360	1,062	68	298
MW3	May 1988	---	12.92	---	---	---		---	8,700	---	---	3,980	280	240	600
MW3	04/25/89	---	12.92	7.57	5.43	0.08		---	---	---	---	---	---	---	---
MW3	07/19/89	---	12.92	10.33	3.14	0.66		---	---	---	---	---	---	---	---
MW3	07/27/89	---	12.92	Well inaccessible.											
MW3	09/06/89	---	12.92	11.22	1.78	0.07		---	---	---	---	---	---	---	---
MW3	09/22/89	---	12.92	11.38	1.78	0.28		---	---	---	---	---	---	---	---
MW3	11/01/89	---	12.92	10.90	2.05	0.01		---	---	---	---	---	---	---	---
MW3	11/15/89	---	12.92	11.18	1.85	0.11		---	---	---	---	---	---	---	---
MW3	12/06/89	---	12.92	10.29	2.65	Sheen		---	---	---	---	---	---	---	---
MW3	02/20/90	---	12.92	8.73	4.24	0.04		---	---	---	---	---	---	---	---
MW3	04/19/90	---	12.92	9.20	3.81	0.09		---	---	---	---	---	---	---	---
MW3	07/03/90	---	12.92	8.50	4.46	0.03		---	---	---	---	---	---	---	---
MW3	07/26/90	---	12.92	8.58	4.39	0.04		---	---	---	---	---	---	---	---
MW3	08/20/90	---	12.92	9.21	3.74	0.01		---	---	---	---	---	---	---	---
MW3	09/19/90	---	12.92	10.02	3.20	0.35		---	---	---	---	---	---	---	---
MW3	11/27/90	---	12.92	10.72	2.56	0.42		---	---	---	---	---	---	---	---
MW3	01/17/91	---	12.92	10.05	2.97	0.10		---	---	---	---	---	---	---	---
MW3	03/26/91	---	12.92	7.65	5.37	0.10		---	---	---	---	---	---	---	---
MW3	05/02/91	---	12.92	8.54	4.42	0.03		---	---	---	---	---	---	---	---
MW3	06/20/91	---	12.92	8.89	4.07	0.03		---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW3	08/07/91	---	12.92	9.99	2.97	0.03	---	---	---	---	---	---	---	---	---
MW3	09/17/91	---	12.92	10.32	2.80	0.22	---	---	---	---	---	---	---	---	---
MW3	11/13/91	---	12.92	10.14	2.99	0.24	---	---	---	---	---	---	---	---	---
MW3	12/10/91	---	12.92	10.10	2.93	0.11	---	---	---	---	---	---	---	---	---
MW3	01/21/92	---	12.92	9.07	3.92	0.06	---	---	---	---	---	---	---	---	---
MW3	03/25/92	---	12.92	5.96	7.01	0.04	---	---	---	---	---	---	---	---	---
MW3	06/22/92	---	12.92	8.07	4.89	0.02[1/2 c.]	---	---	---	---	---	---	---	---	---
MW3	09/24/92	---	12.92	9.29	3.65	Sheen	---	---	---	---	---	---	---	---	---
MW3	10/14/92	---	12.92	9.49	3.47	0.02[1/2 c.]	---	---	---	---	---	---	---	---	---
MW3	11/16/92	---	12.92	9.29	3.67	0.02[1/2 c.]	---	---	---	---	---	---	---	---	---
MW3	12/08/92	---	12.92	9.08	3.88	0.02[1/2 c.]	---	---	---	---	---	---	---	---	---
MW3	01/27/93	---	12.92	5.65	7.29	Sheen	---	---	---	---	---	---	---	---	---
MW3	02/18/93	---	12.92	4.63	8.31	Sheen	---	---	---	---	---	---	---	---	---
MW3	03/10/93	---	12.92	5.53	7.41	Sheen	---	---	---	---	---	---	---	---	---
MW3	04/06/93	---	12.92	5.10	7.84	Sheen	---	---	---	---	---	---	---	---	---
MW3	05/28/93	---	12.92	6.50	6.44	Sheen	---	---	---	---	---	---	---	---	---
MW3	06/10/93	---	12.92	6.65	6.29	Sheen	---	---	---	---	---	---	---	---	---
MW3	07/17/93	---	12.92	7.03	5.91	Sheen	---	---	---	---	---	---	---	---	---
MW3	08/11/93	---	12.92	7.56	5.38	Sheen	3,200/140q	5,100	---	---	1,300/2,000o	12/<2.5o	87/160o	47/60o	---
MW3	09/01/93	---	12.92	8.20	4.75	0.01	---	---	---	---	---	---	---	---	---
MW3	10/26/93	---	12.92	8.88	4.06	Sheen	---	---	---	---	---	---	---	---	---
MW3	11/12/93	---	12.92	8.96	3.98	Sheen	---	---	---	---	---	---	---	---	---
MW3	12/27/93	---	12.92	9.03	3.91	Sheen	---	---	---	---	---	---	---	---	---
MW3	01/20/94	---	12.92	8.24	4.70	Sheen	---	---	---	---	---	---	---	---	---
MW3	02/02/94 - 02/03/94	---	12.92	7.68	5.26	Sheen	---	---	---	---	---	---	---	---	---
MW3	03/10/94	---	12.92	7.24	5.68	Sheen	---	---	---	---	---	---	---	---	---
MW3	04/22/94	---	12.92	6.79	6.13	Sheen	---	---	---	---	---	---	---	---	---
MW3	05/10/94 - 05/11/94	---	12.92	6.43	6.49	Sheen	---	---	---	---	---	---	---	---	---
MW3	06/27/94	---	12.92	6.97	5.95	0.01	---	---	---	---	---	---	---	---	---
MW3	08/31/94	---	12.92	8.41	4.51	Sheen	---	---	---	---	---	---	---	---	---
MW3	09/29/94	---	12.92	8.97	3.95	Sheen	---	---	---	---	---	---	---	---	---
MW3	10/25/94	---	12.92	9.43	3.49	Sheen	---	---	---	---	---	---	---	---	---
MW3	11/28/94	---	12.92	7.19	5.73	---	---	---	---	---	---	---	---	---	---
MW3	12/27/94	---	12.92	6.64	6.28	Sheen	---	---	---	---	---	---	---	---	---
MW3	02/06/95	---	12.92	4.87	8.05	Sheen	---	---	---	---	---	---	---	---	---
MW3	06/07/95	---	12.92	7.05	5.87	Sheen	---	---	---	---	---	---	---	---	---
MW3	09/18/95	---	12.92	10.61	2.31	Sheen	---	---	---	---	---	---	---	---	---
MW3	11/01/95	---	12.92	11.58	1.34	Sheen	---	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW3	02/14/96	---	12.92	8.34	4.58	Sheen	---	---	---	---	---	---	---	---	---
MW3	06/19/96	---	12.92	6.35	6.57	Sheen	---	---	---	---	---	---	---	---	---
MW3	09/24/96	---	12.92	11.45	1.47	Sheen	---	---	---	---	---	---	---	---	---
MW3	12/11/96	---	12.92	7.89	5.03	No	17,000	4,800	30	---	---	340	<5.0	8.2	20
MW3	03/19/97	---	12.92	9.83	3.09	No	3,000	1,900	80	---	---	160	11	5.6	10
MW3	06/04/97	---	12.92	10.43	2.49	No	8,000	920	11	---	---	15	2.8	2.4	<2.0
MW3	09/02/97	---	12.92	12.45	0.47	Sheen	---	---	---	---	---	---	---	---	---
MW3	12/02/97	---	12.92	11.21	1.71	No	6,700	920	21	---	---	10	2.1	<1.0	2.7
MW3	03/24/98	---	12.92	5.93	6.99	No	4,600	1,500	25	---	---	5,500	<5.0	<5.0	<5.0
MW3	06/23/98	---	12.92	11.13	1.79	No	39,000	1,300	9.4	---	---	53	<1.0	<1.0	<1.0
MW3	09/29/98	---	12.92	10.46	2.46	Sheen	2,600	540	<5.0	---	---	6.8	1.9	1.4	2.3
MW3	12/30/98	---	12.92	9.72	3.20	No	11,000	4,000	<5.0	---	---	74	<10	<10	<10
MW3	03/24/99	---	12.92	4.36	8.56	Sheen	3,850	2,330	<20	---	---	<5.0	<5.0	<5.0	<5.0
MW3	06/22/99	---	12.92	6.22	6.70	No	6,860	1,470	<10	---	---	492	<2.5	<2.5	<2.5
MW3	09/29/99	---	12.92	8.10	4.82	No	2,290e	315	<5.0	---	---	11.5	3.07	<1.0	2.54
MW3	12/21/99	---	12.92	7.99	4.93	No	37,000	6,600	4	---	---	22	5	5.1	31.4
MW3	01/26/00	---	12.92	5.48	7.44	No	2,600g	---	---	---	---	---	---	---	---
MW3	03/21/00	---	12.92	Well inaccessible.											
MW3	03/30/01	---	12.92	4.02	8.90	No	2,000	880	---	300	130	<0.5	1.2	2.4	
MW3	11/01/01	---	13.71	Well surveyed in compliance with AB 2886 requirements.											
MW3	03/11/02 k	---	13.71	4.72	8.99	No	19,100	<2,500	130	175	165	<25.0	<25.0	<25.0	<25.0
MW3	03/11/03	---	13.71	6.23	7.48	No	1,190	887	122	119	71.9	0.8	1.1	2.0	
MW3	03/26/04	---	13.71	5.47	8.24	No	16,500g	1,350	---	98.4	30.8	1.6	<0.5	<0.5	3.8
MW3	11/02/04	---	13.71	5.30	8.41	No	3,620g	466	---	30.8	32.4	<0.5	<0.5	<0.5	4.7
MW3	02/04/05	---	13.71	4.14	9.57	No	2,850g	531	---	22.7	19.3	<0.5	<0.5	0.6	1.6
MW3	05/02/05	---	13.71	3.41	10.30	No	3,940g	586	---	29.5	36.3	3.1	0.8	0.8	4.3
MW3	08/01/05	---	13.71	3.88	9.83	No	1,550	815	---	18.1	36.6	0.6	1.1	1.1	2.4
MW3	10/25/05	---	13.71	3.11	10.60	No	4,010g	379	---	3.47	<0.50	<0.50	<0.50	<0.50	1.01
MW3	01/24/06	---	13.71	2.69	11.02	No	2,200g	510	---	13	35	<1.0	2.1	2.1	<1.0
MW3	04/28/06	---	13.71	2.44	11.27	No	100g	330	---	13n	3.8n	<1.0	<1.0	<1.0	<1.0
MW3	08/04/06	---	13.71	2.51	11.20	No	3,890	441	---	10.1	14.7	0.57	1.44	1.44	4.23
MW3	10/06/06	---	13.71	6.33	7.38	No	5,300j	360	---	9.7	3.8	<1.0	<1.0	<1.0	<1.0
MW3	01/12/07	---	13.71	6.20	7.51	No	4,700	300	---	9.0	3.9	<2.5	<2.5	<2.5	<2.5
MW3	04/09/07	---	13.71	6.47	7.24	No	1,600	428	---	11.8	3.33j	<0.50	0.74	0.74	4.11
MW3	08/06/07	---	13.71	6.91	6.80	No	5,200	390	---	8.1	5.3	<0.50	<0.50	<0.50	<0.50
MW3	11/15/07	---	13.71	7.47	6.24	No	7,000	290	---	6.2	3.0	<0.50	<0.50	<0.50	<0.50
MW3	01/02/08	---	13.71	6.87	6.84	No	19,000j	390	---	9.9	6.4	<1.0	<1.0	<1.0	<1.0
MW3	04/03/08	---	13.71	5.96	7.75	No	1,200	330	---	10	4.7	2.5	<0.50	<0.50	2.9

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	
MW3	07/09/08	---	13.71	7.00	6.71	No	2,500	640	---	11	10	3.2	<0.50	<0.50	1.6	
MW3	10/01/08	---	13.71	7.56	6.15	No	590	730	---	6.0	1.4	<0.50	<0.50	<0.50	<1.0	
MW3	01/07/09	---	13.71	7.61	6.10	No	6,900	760	---	5.9	<0.50	<0.50	<0.50	1.5	3.0	
MW3	01/16/09	---	13.71	7.74	5.97	No	---	---	---	---	---	---	---	---	---	
MW3	04/24/09	---	13.71	6.47	7.24	No	6,700	2,200	---	12	<0.50	<0.50	<0.50	1.5	3.3	
MW3	07/01/09	---	13.71	7.05	6.66	No	1,700	390	---	4.3	<0.50	<0.50	<0.50	<0.50	2.8	
MW3	10/01/09	---	13.71	7.36	6.35	No	---	---	---	---	---	---	---	---	---	
MW3	03/04/10	---	13.71	4.64	9.07	No	---	---	---	---	---	---	---	---	---	
MW3	05/06/10	---	13.71	4.83	8.88	No	2,700	1,300	---	8.9	<0.50	<0.50	<0.50	<0.50	<1.0	
MW3	08/06/10	---	13.71	8.52	5.19	No	---	---	---	---	---	---	---	---	---	
MW3	11/02/10	---	13.71	7.37	6.34	No	1,300	1,100g	---	10	<0.50	<0.50	<0.50	<0.50	<1.0	
<b>MW3</b>	<b>04/21/11</b>	---	<b>13.71</b>	<b>7.67</b>	<b>6.04</b>	<b>0.04</b>	---	---	---	---	---	---	---	---	---	
<b>MW3</b>	<b>04/22/11</b>	---	<b>13.71</b>	---	---	---	<b>26,000</b>	<b>1,900g</b>	---	<b>5.4</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.0</b>	
<b>MW3</b>	<b>05/02/11</b>	---	<b>13.71</b>	<b>7.62</b>	<b>6.09</b>	<b>0.05</b>	---	---	---	---	---	---	---	---	---	
MW4	09/10/87	---	Well installed.			---	---	---	---	---	---	---	---	---	---	---
MW4	Sept 1987	---	12.77	---	---	---	740	92,500	---	---	---	70	7	10	16	
MW4	May 1988	---	12.77	---	---	---	---	---	---	---	---	---	---	---	---	
MW4	04/25/89	---	12.77	7.26	5.64	0.16	---	---	---	---	---	---	---	---	---	
MW4	07/19/89	---	12.77	10.32	3.03	0.72	---	---	---	---	---	---	---	---	---	
MW4	07/27/89	---	12.77	Well inaccessible.			---	---	---	---	---	---	---	---	---	---
MW4	09/06/89	---	12.77	11.40	1.43	0.07	---	---	---	---	---	---	---	---	---	
MW4	09/22/89	---	12.77	11.64	1.28	0.19	---	---	---	---	---	---	---	---	---	
MW4	11/01/89	---	12.77	11.00	1.77	Sheen	---	---	---	---	---	---	---	---	---	
MW4	11/15/89	---	12.77	11.18	1.67	0.10	---	---	---	---	---	---	---	---	---	
MW4	12/06/89	---	12.77	10.25	2.52	Sheen	---	---	---	---	---	---	---	---	---	
MW4	02/20/90	---	12.77	8.40	4.37	No	---	---	---	---	---	---	---	---	---	
MW4	04/19/90	---	12.77	9.04	3.75	0.03	---	---	---	---	---	---	---	---	---	
MW4	07/03/90	---	12.77	8.00	4.77	Sheen	---	---	---	---	---	---	---	---	---	
MW4	07/26/90	---	12.77	8.57	4.23	0.04	---	---	---	---	---	---	---	---	---	
MW4	08/20/90	---	12.77	9.08	3.70	0.01	---	---	---	---	---	---	---	---	---	
MW4	09/19/90	---	12.77	9.76	3.03	0.03	---	---	---	---	---	---	---	---	---	
MW4	11/27/90	---	12.77	10.83	2.01	0.09	---	---	---	---	---	---	---	---	---	
MW4	01/17/91	---	12.77	9.96	2.97	0.20	---	---	---	---	---	---	---	---	---	
MW4	03/26/91	---	12.77	6.20	6.64	0.09	---	---	---	---	---	---	---	---	---	
MW4	05/02/91	---	12.77	7.50	5.30	0.04	---	---	---	---	---	---	---	---	---	
MW4	06/20/91	---	12.77	7.79	5.01	0.04	---	---	---	---	---	---	---	---	---	
MW4	08/07/91	---	12.77	9.81	3.00	0.05	---	---	---	---	---	---	---	---	---	

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW4	09/17/91	---	12.77	10.02	2.83	0.10	---	---	---	---	---	---	---	---	---
MW4	11/13/91	---	12.77	9.90	2.97	0.12	---	---	---	---	---	---	---	---	---
MW4	12/10/91	---	12.77	9.92	2.93	0.10	---	---	---	---	---	---	---	---	---
MW4	01/21/92	---	12.77	9.50	3.33	0.08	---	---	---	---	---	---	---	---	---
MW4	03/25/92	---	12.77	5.01	7.78	0.03	---	---	---	---	---	---	---	---	---
MW4	06/22/92	---	12.77	7.34	5.45	0.02[1/2 c.]	---	---	---	---	---	---	---	---	---
MW4	09/24/92	---	12.77	9.03	3.74	Sheen	---	---	---	---	---	---	---	---	---
MW4	10/14/92	---	12.77	9.27	3.52	0.02[1/2 c.]	---	---	---	---	---	---	---	---	---
MW4	11/16/92	---	12.77	9.09	3.70	0.02[1/2 c.]	---	---	---	---	---	---	---	---	---
MW4	12/08/92	---	12.77	10.24	2.55	0.02[1/2 c.]	---	---	---	---	---	---	---	---	---
MW4	01/27/93	---	12.77	4.95	7.85	0.04	---	---	---	---	---	---	---	---	---
MW4	02/18/93	---	12.77	4.89	7.89	0.01	---	---	---	---	---	---	---	---	---
MW4	03/10/93	---	12.77	6.40	6.37	Sheen	---	---	---	---	---	---	---	---	---
MW4	04/06/93	---	12.77	4.36	8.41	Sheen	---	---	---	---	---	---	---	---	---
MW4	05/28/93	---	12.77	---	---	[2 c.]	---	---	---	---	---	---	---	---	---
MW4	06/10/93	---	12.77	---	---	[2 c.]	---	---	---	---	---	---	---	---	---
MW4	07/17/93	---	12.77	---	---	2/5 gal.	---	---	---	---	---	---	---	---	---
MW4	08/11/93	---	12.77	---	---	1/4 gal.	---	---	---	---	---	---	---	---	---
MW4	09/01/93	---	12.77	---	---	1/4 gal.	---	---	---	---	---	---	---	---	---
MW4	10/26/93	---	12.77	---	---	---	---	---	---	---	---	---	---	---	---
MW4	11/12/93	---	12.77	---	---	---	---	---	---	---	---	---	---	---	---
MW4	12/27/93	---	12.77	---	---	---	---	---	---	---	---	---	---	---	---
MW4	01/20/94	---	12.77	---	---	---	---	---	---	---	---	---	---	---	---
MW4	02/02/94 - 02/03/94	---	12.77	---	---	[1 c.]	---	---	---	---	---	---	---	---	---
MW4	03/10/94	---	12.77	7.12	5.65	[8 c.]	---	---	---	---	---	---	---	---	---
MW4	04/22/94	---	12.77	---	---	[10 c.]	---	---	---	---	---	---	---	---	---
MW4	05/10/94 - 05/11/94	---	12.77	---	---	[5 c.]	---	---	---	---	---	---	---	---	---
MW4	06/27/94	---	12.77	6.5	6.27	0.01	---	---	---	---	---	---	---	---	---
MW4	08/31/94	---	12.77	7.84	4.93	0.02	---	---	---	---	---	---	---	---	---
MW4	09/29/94	---	12.77	8.43	4.34	0.03	---	---	---	---	---	---	---	---	---
MW4	10/25/94	---	12.77	9.24	3.53	Sheen	---	---	---	---	---	---	---	---	---
MW4	11/30/94	---	12.77	6.77	6.00	---	---	---	---	---	---	---	---	---	---
MW4	12/27/94	---	12.77	6.14	6.63	Sheen	---	---	---	---	---	---	---	---	---
MW4	02/06/95	---	12.77	4.87	7.90	Sheen	---	---	---	---	---	---	---	---	---
MW4	06/07/95	---	12.77	6.91	5.86	Sheen	---	---	---	---	---	---	---	---	---
MW4	09/18/95	---	12.77	9.59	3.18	Sheen	---	---	---	---	---	---	---	---	---
MW4	11/01/95	---	12.77	11.52	1.25	Sheen	---	---	---	---	---	---	---	---	---
MW4	02/14/96	---	12.77	8.56	4.21	Sheen	---	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW4	06/19/96	---	12.77	6.09	6.68	Sheen	---	---	---	---	---	---	---	---	---
MW4	09/24/96	---	12.77	10.20	2.57	Sheen	---	---	---	---	---	---	---	---	---
MW4	12/11/96	---	12.77	7.78	4.99	Sheen	---	---	---	---	---	---	---	---	---
MW4	03/19/97	---	12.77	8.56	4.21	Sheen	---	---	---	---	---	---	---	---	---
MW4	06/04/97	---	12.77	9.31	3.46	Sheen	---	---	---	---	---	---	---	---	---
MW4	09/02/97	---	12.77	10.00	2.77	Sheen	---	---	---	---	---	---	---	---	---
MW4	12/02/97	---	12.77	8.72	4.05	No	---	15,000	1,500	50	---	<2.5	9.7	3.0	10
MW4	03/24/98	---	12.77	5.79	6.98	No	---	6,400	540	38	---	<0.5	4.4	1.6	5.4
MW4	06/23/98	---	12.77	8.50	4.27	Sheen	---	7,500	1,000	25	---	3.3	<2.0	<2.0	<2.0
MW4	09/29/98	---	12.77	9.77	3.00	Sheen	---	65,000	7,300	<50	---	<10	<10	<10	<10
MW4	12/30/98	---	12.77	8.54	4.23	Sheen	---	12,000	1,000	170	---	3.8	5.1	<2.5	4.1
MW4	03/24/99	---	12.77	4.41	8.36	Sheen	---	20,500	1,300	4.40	---	2.64	<1.0	<1.0	<1.0
MW4	06/22/99	---	12.77	5.71	7.06	No	---	9,760	1,470	<10	---	404	<2.5	<2.5	<2.5
MW4	09/29/99	---	12.77	7.32	5.45	No	---	2,470f	589c	8.12	---	12.6	<1.0	<1.0	<1.0
MW4	12/21/99	---	12.77	7.58	5.19	No	---	230,000	2,000	<2	---	<0.5	0.56	1.9	18.6
MW4	01/26/00	---	12.77	5.85	6.92	No	---	3,200g	---	---	---	---	---	---	---
MW4	03/21/00	---	12.77	3.58	9.19	No	---	5,900	270	13	---	6.8	0.83	<0.5	3.6
MW4	03/30/01	---	12.77	Well covered by asphalt.											
MW5	Prior to September 1987	---	Well installed.												
MW5	Sept 1987	---	8.38	---	---	---	---	37,220	26,600	---	---	560	1,710	1,580	7,150
MW5	May 1988	---	8.38	---	---	LPH	---	---	---	---	---	---	---	---	---
MW5	04/25/89	---	8.38	8.06	0.32	No	---	---	---	---	---	---	---	---	---
MW5	07/18/89	---	Well destroyed.												
MW6	09/10/87	---	Well installed.												
MW6	May 1988	---	14.27	---	---	---	---	---	29,300	---	---	12,820	550	1,440	5,500
MW6	04/25/89	---	14.27	8.02	6.25	No	---	---	---	---	---	---	---	---	---
MW6	09/06/89	---	14.27	13.64	0.69	0.08	---	---	---	---	---	---	---	---	---
MW6	09/22/89	---	14.27	13.79	0.54	0.07	---	---	---	---	---	---	---	---	---
MW6	11/01/89	---	14.27	12.78	1.49	Sheen	---	---	---	---	---	---	---	---	---
MW6	11/15/89	---	14.27	12.91	1.36	Sheen	---	---	---	---	---	---	---	---	---
MW6	12/06/89	---	14.27	11.84	2.43	No	---	4,800	9,000	---	---	370	13	2.6	430
MW6	02/20/90	---	14.27	9.08	5.19	No	---	---	---	---	---	---	---	---	---
MW6	04/19/90	---	14.27	9.72	4.55	No	---	26,000	27,000	---	---	3,000	120	490	2,100
MW6	07/03/90	---	14.27	8.00	6.27	No	---	13,000	30,000	---	---	5,500	1,400	1,200	3,100
MW6	07/26/90	---	14.27	8.70	5.57	No	---	---	---	---	---	---	---	---	---
MW6	08/20/90	---	14.27	9.62	4.65	No	---	---	---	---	---	---	---	---	---
MW6	09/19/90	---	14.27	10.25	4.02	Sheen	---	---	---	---	---	---	---	---	---



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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW6	11/27/90	---	14.27	10.82	3.45	Sheen	7,600	15,000	---	---	4,400	120	800	2,300	
MW6	01/17/91	---	14.27	9.93	4.34	No	---	---	---	---	---	---	---	---	
MW6	03/26/91	---	14.27	8.45	5.82	No	<100	55,000	---	---	10,000	380	1,600	6,900	
MW6	05/02/91	---	14.27	8.90	5.37	No	---	---	---	---	---	---	---	---	
MW6	06/20/91	---	14.27	9.47	4.80	Sheen	---	---	---	---	---	---	---	---	
MW6	08/07/91	---	14.27	10.10	4.17	Sheen	---	---	---	---	---	---	---	---	
MW6	09/17/91	---	14.27	10.21	4.06	Sheen	---	17,000	---	---	4,500	160	890	3,100	
MW6	11/13/91	---	14.27	9.62	4.65	Sheen	---	---	---	---	---	---	---	---	
MW6	12/10/91	---	14.27	9.59	4.68	Sheen	1,200	32,000	---	---	6,000	290	1,400	4,700	
MW6	01/21/92	---	14.27	9.25	5.02	Sheen	---	---	---	---	---	---	---	---	
MW6	03/25/92	---	14.27	6.88	7.39	No	2,700	21,000	---	---	8,000	250	1,700	5,000	
MW6	06/22/92	---	14.27	7.38	6.89	No	1,700	43,000	---	---	11,000	150	2,100	5,000	
MW6	09/24/92	---	14.27	8.70	5.57	No	2,000	45,000	---	---	9,800	270	1,700	3,600	
MW6	10/14/92	---	14.27	8.91	5.36	Sheen	---	---	---	---	---	---	---	---	
MW6	11/16/92	---	14.27	8.75	5.52	No	---	---	---	---	---	---	---	---	
MW6	12/08/92	---	14.27	8.51	5.76	Sheen	---	---	---	---	---	---	---	---	
MW6	01/27/93	---	14.27	5.69	8.58	No	---	---	---	---	---	---	---	---	
MW6	02/18/93	---	14.27	4.90	9.45	0.10 [1/2 c.]	---	---	---	---	---	---	---	---	
MW6	03/10/93	---	14.27	6.07	8.24	0.05 [1/4 c.]	---	---	---	---	---	---	---	---	
MW6	04/06/93	---	14.27	4.98	9.29	Sheen	---	---	---	---	---	---	---	---	
MW6	05/28/93	---	14.27	---	---	[3 c.]	---	---	---	---	---	---	---	---	
MW6	06/10/93	---	14.27	---	---	[3 c.]	38,000	130,000	---	---	9,800	650	5,100	12,000	
MW6	07/17/93	---	14.27	---	---	---	---	---	---	---	---	---	---	---	
MW6	08/11/93	---	14.27	---	---	---	---	---	---	---	---	---	---	---	
MW6	09/01/93	---	14.27	---	---	[1/2 c.]	---	---	---	---	---	---	---	---	
MW6	10/26/93	---	14.27	---	---	---	---	---	---	---	---	---	---	---	
MW6	11/12/93	---	14.27	---	---	---	---	---	---	---	---	---	---	---	
MW6	12/27/93	---	14.27	---	---	---	---	---	---	---	---	---	---	---	
MW6	01/20/94	---	14.27	---	---	---	---	---	---	---	---	---	---	---	
MW6	02/02/94 - 02/03/94	---	14.27	---	---	---	---	---	---	---	---	---	---	---	
MW6	03/10/94	---	14.27	7.82	6.45	[1/4 c.]	---	---	---	---	---	---	---	---	
MW6	04/22/94	---	14.27	---	---	[10 c.]	---	---	---	---	---	---	---	---	
MW6	05/10/94 - 05/11/94	---	14.27	---	---	[3 c.]	---	---	---	---	---	---	---	---	
MW6	06/27/94	---	14.27	7.77	6.50	Sheen	---	---	---	---	---	---	---	---	
MW6	08/31/94	---	14.27	9.02	5.25	Sheen	---	---	---	---	---	---	---	---	
MW6	09/29/94	---	14.27	9.51	4.76	Sheen	---	---	---	---	---	---	---	---	
MW6	10/25/94	---	14.27	9.93	4.34	Sheen	---	---	---	---	---	---	---	---	
MW6	11/30/94	---	14.27	8.05	6.22	---	---	---	---	---	---	---	---	---	

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DW	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW6	12/27/94	---	14.27	7.54	6.73	---	---	---	---	---	---	---	---	---	---
MW6	02/06/95	---	14.27	5.86	8.41	Sheen	---	---	---	---	---	---	---	---	---
MW6	06/07/95	---	14.27	8.07	6.20	Sheen	---	---	---	---	---	---	---	---	---
MW6	09/18/95	---	14.27	10.54	3.73	Sheen	---	---	---	---	---	---	---	---	---
MW6	11/01/95	---	14.27	11.41	2.86	Sheen	---	---	---	---	---	---	---	---	---
MW6	02/14/96	---	14.27	9.17	5.10	Sheen	---	---	---	---	---	---	---	---	---
MW6	06/19/96	---	14.27	7.13	7.14	Sheen	---	---	---	---	---	---	---	---	---
MW6	09/24/96	---	14.27	11.24	3.03	Sheen	---	---	---	---	---	---	---	---	---
MW6	12/11/96	---	14.27	9.20	5.07	No	2,900	9,100	<100	---	2,100	22	160	---	260
MW6	03/19/97	---	14.27	10.14	4.13	No	3,800	24,000	250	---	5,800	91	1,300	---	1,900
MW6	06/04/97	---	14.27	10.58	3.69	No	3,300	20,000	270	---	4,400	<50	540	---	480
MW6	09/02/97	---	14.27	11.02	3.25	No	2,100	8,100	<25	---	1,800	<25	140	---	170
MW6	12/02/97	---	14.27	10.45	3.82	No	2,300	6,800	<100	---	1,100	<20	77	---	74
MW6	03/24/98	---	14.27	7.09	7.18	No	3,800	20,000	<250	---	4,300	<50	2,200	---	1,500
MW6	06/23/98	---	14.27	9.79	4.48	Sheen	4,100	19,000	<500	---	3,400	<100	1,800	---	1,100
MW6	09/29/98	---	14.27	10.56	3.71	No	2,300	8,600	<100	---	2,100	25	300	---	260
MW6	12/30/98	---	14.27	9.97	4.30	No	2,700	6,800	<125	---	1,600	<25	84	---	200
MW6	03/24/99	---	14.27	5.02	9.25	Sheen	2,670	12,600	<20	---	3,380	16.5	221	---	190
MW6	06/22/99	---	14.27	6.91	7.36	No	5,670	6,720	<40	---	2,400	<10	767	---	14.4
MW6	09/29/99	---	14.27	8.66	5.61	No	1,370f	6,310d	<250	---	<25	<25	133	---	<25
MW6	12/21/99	---	14.27	8.57	5.70	No	2,300	3,800	12	---	890	3.3	94	---	95
MW6	03/21/00	---	14.27	Well inaccessible.											
MW6	03/30/01	---	14.27	3.66	10.61	No	2,000	9,200	---	<5	3,100	9.1	130	---	31
MW6	11/01/01	---	14.23	Well surveyed in compliance with AB 2886 requirements.											
MW6	03/11/02 k	---	14.23	4.55	9.68	No	1,460	7,660	45.0	<5.0	2,200	25.0 j	410	---	285
MW6	03/11/03	---	14.23	5.79	8.44	No	1,100	5,120	15.7	1.80	920	3.2	36	---	19.4
MW6	03/26/04	---	14.23	5.22	9.01	No	596g	5,090	---	0.70	1,130	14.7	164	---	62.9
MW6	11/02/04	---	14.23	4.84	9.39	No	1,000g	4,320	---	<0.50	793	3.6	178	---	53.0
MW6	02/04/05	---	14.23	3.83	10.40	No	1,410g	3,950	---	<0.50	1,210	9.4	110	---	22.6
MW6	05/02/05	---	14.23	3.18	11.05	No	852g	4,900	---	<0.50	755	6.6	189	---	20.9
MW6	08/01/05	---	14.23	3.92	10.31	No	1,290g	3,320	---	1.20	597	5.1	64.7	---	47.5
MW6	10/25/05	---	14.23	3.93	10.30	No	861g	2,870	---	1.48	496	4.24	63.5	---	35.9
MW6	01/24/06	---	14.23	2.81	11.42	No	570g	4,000	---	<5.0	590	<25	51	---	<25
MW6	04/28/06	---	14.23	2.68	11.55	No	400g	3,600	---	2.3n	600n	<12	60	---	<12
MW6	08/04/06	---	14.23	3.07	11.16	No	899	4,070	---	0.920	294	4.42	74.1	---	19.9
MW6	10/06/06	---	14.23	5.64	8.59	No	430g,j	1,900	---	<0.50	140	<12	24	---	<12
MW6	01/12/07	---	14.23	5.82	8.41	No	300g	1,700	---	<0.50	98	<5.0	16	---	<5.0
MW6	04/09/07	---	14.23	6.03	8.20	No	230g	2,150	---	<0.500	116j	1.66	12.3	---	6.39

**TABLE 1A**  
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Former Exxon Service Station 73006  
720 High Street  
Oakland, California

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW6	08/06/07	---	14.23	6.40	7.83	No	190g	<500	---	<0.50	85	<5.0	<5.0	<5.0	<5.0
MW6	11/15/07	---	14.23	6.93	7.30	No	390g	410	---	<0.50	57	<2.5	<2.5	<2.5	<2.5
MW6	01/02/08	---	14.23	6.40	7.83	No	170g,j	670	---	<0.50	63	<2.5	<2.5	<2.5	<2.5
MW6	04/03/08	---	14.23	5.47	8.76	No	340g	460	---	<0.50	13	1.9	2.3	2.9	2.9
MW6	07/09/08	---	14.23	6.50	7.73	No	290g	1,200	---	<0.50	86	<5.0	<5.0	<5.0	<5.0
MW6	10/01/08	---	14.23	Well covered by asphalt.											
MW6	01/07/09	---	14.23	Well covered by asphalt.											
MW6	01/16/09	---	14.23	7.25	6.98	No	110	200	---	<0.50	1.9	<0.50	<0.50	<0.50	<1.0
MW6	04/24/09	---	14.23	5.91	8.32	No	160	450	---	<0.50	54	<0.50	0.57o	<1.0	<1.0
MW6	07/01/09	---	14.23	6.47	7.76	No	<50	150	---	<0.50	30	<0.50	<0.50	<0.50	<1.0
MW6	10/01/09	---	14.23	6.70	7.53	No	---	---	---	---	---	---	---	---	---
MW6	03/04/10	---	14.23	4.21	10.02	No	---	---	---	---	---	---	---	---	---
MW6	05/06/10	---	14.23	4.46	9.77	No	74g	480g	---	<0.50	38	0.57t	0.56t	<1.0	<1.0
MW6	08/06/10	---	14.23	6.07	8.16	No	---	---	---	---	---	---	---	---	---
MW6	11/02/10	---	14.23	6.92	7.31	No	84g	200g	---	<0.50	14	<0.50	<0.50	<0.50	<1.0
<b>MW6</b>	<b>04/21/11</b>	---	<b>14.23</b>	<b>6.22</b>	<b>8.01</b>	<b>No</b>	<b>110g</b>	<b>420g</b>	---	<b>&lt;0.50</b>	<b>42</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.0</b>
MW7	Prior to September 1987	---	Well installed.												
MW7	Sept 1987	---	14.84	---	---	---	1,531	2,790	---	---	258	2	<2	42	42
MW7	May 1988	---	14.84	---	---	---	---	19	---	---	300o	<10o	<10o	<10o	<10o
MW7	04/25/89	---	14.84	8.66	6.18	No	---	---	---	---	---	---	---	---	---
MW7	09/06/89	---	14.84	11.72	3.12	Sheen	---	---	---	---	---	---	---	---	---
MW7	09/22/89	---	14.84	11.89	2.95	No	---	---	---	---	---	---	---	---	---
MW7	12/06/89	---	14.84	10.46	4.38	No	2,500	1,700	---	---	220	5.3	5	8.6	8.6
MW7	02/20/90	---	14.84	8.44	6.40	No	---	---	---	---	---	---	---	---	---
MW7	04/19/90	---	14.84	9.54	5.30	No	3,500	2,700	---	---	220	8.6	7	20	20
MW7	07/03/90	---	14.84	7.54	7.39	No	910	2,500	---	---	380	13	16	35	35
MW7	07/26/90	---	14.84	8.08	6.76	No	---	---	---	---	---	---	---	---	---
MW7	08/20/90	---	14.84	8.82	6.02	No	---	---	---	---	---	---	---	---	---
MW7	09/19/90	---	14.84	9.01	5.83	No	---	---	---	---	---	---	---	---	---
MW7	11/27/90	---	14.84	9.54	5.30	No	1,300	2,300	---	---	630	16	32	29	29
MW7	01/17/91	---	14.84	8.50	6.34	No	---	---	---	---	---	---	---	---	---
MW7	03/26/91	---	14.84	5.92	8.92	No	<100	<3,500	---	---	420	18	17	27	27
MW7	05/02/91	---	14.84	7.72	7.12	No	---	---	---	---	---	---	---	---	---
MW7	06/20/91	---	14.84	8.19	6.65	No	<100	3,100	---	---	270	8.8	33	19	19
MW7	08/07/91	---	14.84	8.70	6.14	No	---	---	---	---	---	---	---	---	---
MW7	09/17/91	---	14.84	8.77	6.07	No	---	2,400	---	---	390	10	15	18	18
MW7	11/13/91	---	14.84	8.51	6.33	No	---	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW7	12/10/91	---	14.84	8.58	6.26	No	---	530	1,700	---	---	290	5.3	7.1	<0.5
MW7	01/21/92	---	14.84	8.32	6.52	No	---	---	---	---	---	---	---	---	---
MW7	03/25/92	---	14.84	9.27	5.57	No	---	760	1,500	---	---	320	7.2	16	19
MW7	06/22/92	---	14.84	6.97	7.87	No	---	830	3,100	---	---	260	5.8	21	27
MW7	09/24/92	---	14.84	8.00	6.84	No	---	660	3,900	---	---	160	4.6	3.7	13
MW7	10/14/92	---	14.84	8.15	6.69	No	---	---	---	---	---	---	---	---	---
MW7	11/16/92	---	14.84	7.92	6.92	No	---	---	---	---	---	---	---	---	---
MW7	12/08/92	---	14.84	7.75	7.09	No	---	540	17,000	---	---	1,100	35	77	46
MW7	01/27/93	---	14.84	5.09	9.75	No	---	---	---	---	---	---	---	---	---
MW7	02/18/93	---	14.84	4.51	10.33	No	---	---	---	---	---	---	---	---	---
MW7	03/10/93	---	14.84	4.78	10.06	No	---	640	3,500	---	---	160	6.2	22	19
MW7	04/06/93	---	14.84	4.48	10.36	No	---	---	---	---	---	---	---	---	---
MW7	05/28/93	---	14.84	5.44	9.40	No	---	---	---	---	---	---	---	---	---
MW7	06/10/93	---	14.84	5.60	9.24	No	---	570	1,600	---	---	140	6.5	22	61
MW7	07/17/93	---	14.84	6.33	8.51	No	---	---	---	---	---	---	---	---	---
MW7	08/11/93	---	14.84	6.87	7.97	No	---	370/2,000q	2,700	---	---	130/140o	1.3/5o	13/12o	12/10o
MW7	09/01/93	---	14.84	7.12	7.72	No	---	---	---	---	---	---	---	---	---
MW7	10/26/93	---	14.84	7.67	7.17	No	---	1,000	2,500	---	---	90	4.7	6.6	15
MW7	11/12/93	---	14.84	7.69	7.15	No	---	---	---	---	---	---	---	---	---
MW7	12/27/93	---	14.84	7.42	7.42	No	---	---	---	---	---	---	---	---	---
MW7	01/20/94	---	14.84	8.67	6.17	No	---	---	---	---	---	---	---	---	---
MW7	02/02/94 - 02/03/94	---	14.84	8.47	6.37	No	---	1,300	2,900	---	---	79	5.0	8.2	21
MW7	03/10/94	---	14.84	8.24	6.37	No	---	---	---	---	---	---	---	---	---
MW7	04/22/94	---	14.84	7.95	6.89	No	---	---	---	---	---	---	---	---	---
MW7	05/10/94 - 05/11/94	---	14.84	7.53	7.31	No	---	1,300	2,400	---	---	88	5.6	5.2	15
MW7	06/27/94	---	14.84	8.01	6.83	No	---	---	---	---	---	---	---	---	---
MW7	08/31/94	---	14.84	9.19	5.65	No	---	---	---	---	---	---	---	---	---
MW7	09/29/94	---	14.84	9.65	5.19	No	---	56	1,900	---	---	71	3.1	3.5	7.8
MW7	10/25/94	---	14.84	9.96	4.88	No	---	89	1,400	---	---	51	1.5	24	6.8
MW7	11/30/94	---	14.84	7.78	7.06	---	---	---	---	---	---	---	---	---	---
MW7	12/27/94	---	14.84	7.51	7.33	---	---	---	---	---	---	---	---	---	---
MW7	02/06/95	---	14.84	5.79	9.05	No	---	1,300	2,500	---	---	130	<10	<10	<10
MW7	06/07/95	---	14.84	7.73	7.11	No	---	1,200	2,400	39	---	91	5	7.6	14
MW7	06/22/95	---	14.84	6.97	7.87	No	---	660	3,900	---	---	260	5.8	21	27
MW7	09/18/95	---	14.84	9.81	5.03	No	---	1,100	1,800	<25	---	17	<5.0	<5.0	<5.0
MW7	11/01/95	---	14.84	10.56	4.28	No	---	1,700	3,000	<13	---	2.7	11	25	<2.5
MW7	02/14/96	---	14.84	8.04	6.80	No	---	1,200	1,900	<25	---	59	<5.0	<5.0	<5.0
MW7	06/19/96	---	14.84	7.33	7.51	No	---	1,400	2,000	<25	---	96	<5.0	<5.0	5.6

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW7	09/24/96	---	14.84	10.10	4.74	No	1,100	950	<25	---	6.8	<5.0	<5.0	<5.0	<5.0
MW7	12/11/96	---	14.84	8.50	6.34	No	1,600	2,500	<10	---	50	<2.0	6.4	30	30
MW7	03/19/97	---	14.84	8.88	5.96	No	840	2,700	<25	---	61	8.0	21	68	68
MW7	06/04/97	---	14.84	9.38	5.46	No	1,000	1,900	<2.5	---	45	<2.0	5.3	13	13
MW7	09/02/97	---	14.84	9.69	5.15	No	790	1,700	<2.5	---	28	2.2	<2.0	5.9	5.9
MW7	12/02/97	---	14.84	8.65	6.19	No	1,100	2,000	14	---	33	2.2	2.0	5.8	5.8
MW7	03/24/98	---	14.84	6.40	8.44	No	950	2,300	<25	---	73	<5.0	<5.0	22	22
MW7	06/23/98	---	14.84	8.34	6.50	No	1,600	4,700	140	---	50	<5.0	12	20	20
MW7	09/29/98	---	14.84	9.76	5.08	No	630	700	<5.0	---	2.7	1.3	2.4	5.3	5.3
MW7	12/30/98	---	14.84	8.86	5.98	No	1,700	1,400	<5.0	---	17	7.7	2.8	16	16
MW7	03/24/99	---	14.84	5.48	9.36	Sheen	860	1,740	6.73	---	59.2	2.76	4.33	15.1	15.1
MW7	06/22/99	---	14.84	6.54	8.30	No	5,330	3,250	<4.0	---	59.5	3.96	2.89	6.38	6.38
MW7	09/29/99	---	14.84	8.45	6.39	No	1,750f	1,360c,d	<25	---	3.07	<2.5	5.02	6.32	6.32
MW7	12/21/99	---	14.84	8.39	6.45	No	4,600	2,900	<2	---	47	2	1.7	8.53	8.53
MW7	03/21/00	---	14.84	4.72	10.12	No	1,500	760	<2	---	43	2	2.2	10.8	10.8
MW7	12/21/00	---	Well destroyed.												
MW8	Prior to September 1987	---	Well installed.												
MW8	Sept 1987	---	13.45	---	---	---	---	1,325	---	---	81	74	42	182	182
MW8	May 1988	---	13.45	---	---	LPH	---	---	---	---	---	---	---	---	---
MW8	04/25/89	---	13.45	8.31	5.67	0.66	---	---	---	---	---	---	---	---	---
MW8	07/19/89	---	13.45	10.97	3.48	1.25	---	---	---	---	---	---	---	---	---
MW8	07/27/89	---	13.45	10.34	3.17	0.08	---	---	---	---	---	---	---	---	---
MW8	09/06/89	---	13.45	11.09	2.50	0.17	---	---	---	---	---	---	---	---	---
MW8	09/22/89	---	13.45	11.58	2.16	0.36	---	---	---	---	---	---	---	---	---
MW8	11/01/89	---	13.45	11.03	2.42	No	---	---	---	---	---	---	---	---	---
MW8	11/15/89	---	13.45	11.25	2.21	0.01	---	---	---	---	---	---	---	---	---
MW8	12/06/89	---	13.45	10.30	3.15	Sheen	34,000	42,000	---	---	2,600	630	210	3,700	3,700
MW8	02/20/90	---	13.45	8.00	5.46	0.01	---	---	---	---	---	---	---	---	---
MW8	04/19/90	---	13.45	8.50	4.95	No	53,000	49,000	---	---	2,100	820	1,100	4,800	4,800
MW8	07/03/90	---	13.45	7.55	5.90	No	32,000	44,000	---	---	4,000	1,500	2,000	6,300	6,300
MW8	07/26/90	---	13.45	7.86	5.59	No	---	---	---	---	---	---	---	---	---
MW8	08/20/90	---	13.45	8.92	4.53	No	---	---	---	---	---	---	---	---	---
MW8	09/19/90	---	13.45	9.55	3.90	No	---	---	---	---	---	---	---	---	---
MW8	11/27/90	---	13.45	10.29	3.17	0.01	---	---	---	---	---	---	---	---	---
MW8	01/17/91	---	13.45	9.97	3.48	Sheen	---	---	---	---	---	---	---	---	---
MW8	03/26/91	---	13.45	8.45	5.00	Sheen	---	---	---	---	---	---	---	---	---
MW8	05/02/91	---	13.45	8.85	4.60	Sheen	---	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW8	06/20/91	---	13.45	9.45	4.00	Sheen	---	---	---	---	---	---	---	---	---
MW8	08/07/91	---	13.45	10.00	3.45	Sheen	---	---	---	---	---	---	---	---	---
MW8	09/17/91	---	13.45	10.11	3.34	Sheen	---	---	57,000	---	---	14,000	7,800	3,100	12,000
MW8	11/13/91	---	13.45	9.63	3.82	Sheen	---	---	---	---	---	---	---	---	---
MW8	12/10/91	---	13.45	9.66	3.79	Sheen	1,400	66,000	---	---	9,500	5,000	3,100	---	12,000
MW8	01/21/92	---	13.45	9.35	4.10	Sheen	---	---	---	---	---	---	---	---	---
MW8	03/25/92	---	13.45	8.02	5.43	Sheen	---	---	---	---	---	---	---	---	---
MW8	06/22/92	---	13.45	7.01	6.44	Sheen	---	---	---	---	---	---	---	---	---
MW8	09/24/92	---	13.45	8.33	5.12	Sheen	---	---	---	---	---	---	---	---	---
MW8	10/14/92	---	13.45	8.65	4.80	Sheen	---	---	---	---	---	---	---	---	---
MW8	11/16/92	---	13.45	8.27	5.18	Sheen	---	---	---	---	---	---	---	---	---
MW8	12/08/92	---	13.45	8.25	5.20	Sheen	---	---	---	---	---	---	---	---	---
MW8	01/27/93	---	13.45	5.22	8.23	Sheen	---	---	---	---	---	---	---	---	---
MW8	02/18/93	---	13.45	4.27	9.18	Sheen	---	---	---	---	---	---	---	---	---
MW8	03/10/93	---	13.45	5.30	8.15	Sheen	---	---	---	---	---	---	---	---	---
MW8	04/06/93	---	13.45	4.56	8.89	Sheen	---	---	---	---	---	---	---	---	---
MW8	05/28/93	---	13.45	5.62	7.83	Sheen	---	---	---	---	---	---	---	---	---
MW8	06/10/93	---	13.45	5.75	7.70	Sheen	---	---	---	---	---	---	---	---	---
MW8	07/17/93	---	13.45	6.43	7.02	Sheen	---	---	---	---	---	---	---	---	---
MW8	08/11/93	---	13.45	6.99	6.46	Sheen	2,600/370q	53,000	---	---	4,200/4,900o	1,300/1,600o	2,600/3,300o	7,200/8,200o	---
MW8	09/01/93	---	13.45	7.33	6.12	Sheen	---	---	---	---	---	---	---	---	---
MW8	10/26/93	---	13.45	7.98	5.47	Sheen	---	---	---	---	---	---	---	---	---
MW8	11/12/93	---	13.45	8.07	5.38	Sheen	---	---	---	---	---	---	---	---	---
MW8	12/27/93	---	13.45	---	---	---	---	---	---	---	---	---	---	---	---
MW8	01/20/94	---	13.45	8.90	4.55	Sheen	---	---	---	---	---	---	---	---	---
MW8	02/02/94 - 02/03/94	---	13.45	8.58	4.87	Sheen	---	---	---	---	---	---	---	---	---
MW8	03/10/94	---	13.45	7.16	6.29	No	---	---	---	---	---	---	---	---	---
MW8	04/22/94	---	13.45	7.34	6.11	Sheen	---	---	---	---	---	---	---	---	---
MW8	05/10/94 - 05/11/94	---	13.45	7.04	6.41	Sheen	---	---	---	---	---	---	---	---	---
MW8	06/27/94	---	13.45	6.01	7.44	Sheen	---	---	---	---	---	---	---	---	---
MW8	08/31/94	---	13.45	9.26	4.19	Sheen	---	---	---	---	---	---	---	---	---
MW8	09/29/94	---	13.45	9.76	3.69	Sheen	---	---	---	---	---	---	---	---	---
MW8	10/25/94	---	13.45	10.05	3.40	Sheen	---	---	---	---	---	---	---	---	---
MW8	11/30/94	---	13.45	7.68	5.77	---	---	---	---	---	---	---	---	---	---
MW8	12/27/94	---	13.45	7.11	6.34	Sheen	---	---	---	---	---	---	---	---	---
MW8	02/06/95	---	13.45	5.39	8.06	Sheen	---	---	---	---	---	---	---	---	---
MW8	06/07/95	---	13.45	7.53	5.92	Sheen	---	---	---	---	---	---	---	---	---
MW8	09/18/95	---	13.45	9.84	3.61	Sheen	---	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW8	11/01/95	---	13.45	10.47	2.98	Sheen	---	---	---	---	---	---	---	---	---
MW8	02/14/96	---	13.45	8.27	5.18	Sheen	---	---	---	---	---	---	---	---	---
MW8	06/19/96	---	13.45	6.88	6.57	Sheen	---	---	---	---	---	---	---	---	---
MW8	09/24/96	---	13.45	10.13	3.32	Sheen	---	---	---	---	---	---	---	---	---
MW8	12/11/96	---	13.45	8.53	4.92	Sheen	---	---	---	---	---	---	---	---	---
MW8	03/19/97	---	13.45	9.09	4.36	Sheen	---	---	---	---	---	---	---	---	---
MW8	06/04/97	---	13.45	9.52	3.93	Sheen	---	---	---	---	---	---	---	---	---
MW8	09/02/97	---	13.45	9.72	3.73	No	8,000	20,000	<50	---	---	57	<50	850	660
MW8	12/02/97	---	13.45	8.83	4.62	No	2,700	6,900	130	---	---	83	<10	<10	100
MW8	03/24/98	---	13.45	6.52	6.93	No	2,900	10,000	<125	---	---	190	<25	470	330
MW8	06/23/98	---	13.45	9.02	4.43	No	3,700	10,000	<50	---	---	140	<10	460	260
MW8	09/29/98	---	13.45	9.72	3.73	No	3,600	12,000	130	---	---	46	<10	340	190
MW8	12/30/98	---	13.45	9.06	4.39	No	3,000	11,000	140	---	---	170	<25	230	160
MW8	03/24/99	---	13.45	5.21	8.24	Sheen	2,250	13,000	22.6	---	---	336	53.2	415	326
MW8	06/22/99	---	13.45	6.51	6.94	Sheen	4,010	13,000	64.9	---	---	174	<5.0	186	13.1
MW8	09/29/99	---	13.45	8.22	5.23	No	2,170f	5,420	<25	---	---	20.4	<5.0	<5.0	38.5
MW8	12/21/99	---	13.45	8.41	5.04	No	2,100	4,700	<2	---	---	190	15	160	68.2
MW8	03/21/00	---	13.45	4.47	8.98	No	---	6,300	270	---	---	380	12	260	86
MW8	12/21/00	---	Well destroyed.												
MW9	Prior to May 1988	---	Well installed.												
MW9	May 1988	---	14.64	---	---	---	---	<50	---	---	---	<0.5	1	<1	<1
MW9	04/25/89	---	14.64	8.25	6.39	No	---	---	---	---	---	---	---	---	---
MW9	09/06/89	---	14.64	Well inaccessible.											
MW9	09/22/89	---	14.64	Well inaccessible.											
MW9	12/06/89	---	14.64	10.12	4.52	No	110	100	---	---	---	1.8	3.7	1.4	8.8
MW9	02/20/90	---	14.64	9.38	5.26	No	---	---	---	---	---	---	---	---	---
MW9	04/19/90	---	14.64	9.40	5.25	No	<100	<20	---	---	---	<0.5	<0.5	<0.5	<0.5
MW9	07/03/90	---	14.64	8.79	5.85	No	<100	<20	---	---	---	<0.5	<0.5	<0.5	<0.5
MW9	07/26/90	---	14.64	8.70	5.94	No	---	---	---	---	---	---	---	---	---
MW9	08/20/90	---	14.64	9.09	5.55	No	---	---	---	---	---	---	---	---	---
MW9	09/19/90	---	14.64	9.52	5.12	No	---	---	---	---	---	---	---	---	---
MW9	11/27/90	---	14.64	9.89	4.75	No	---	---	---	---	---	---	---	---	---
MW9	01/17/91	---	14.64	Well inaccessible.											
MW9	03/26/91	---	14.64	Well inaccessible.											
MW9	05/02/91	---	14.64	9.10	5.54	No	---	---	---	---	---	---	---	---	---
MW9	06/20/91	---	14.64	8.76	5.88	No	<100	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW9	08/07/91	---	14.64	9.37	5.27	No	---	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW9	09/17/91	---	14.64	9.57	5.07	No	---	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	11/13/91	---	14.64	9.46	5.18	No	---	---	---	---	---	---	---	---	---
MW9	12/10/91	---	14.64	9.30	5.34	No	---	52	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	01/21/92	---	14.64	9.68	4.96	No	---	---	---	---	---	---	---	---	---
MW9	03/25/92	---	14.64	8.93	5.71	No	---	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	06/22/92	---	14.64	7.45	7.19	No	---	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	09/24/92	---	14.64	8.69	5.95	No	---	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	10/14/92	---	14.64	8.83	5.81	No	---	---	---	---	---	---	---	---	---
MW9	11/16/92	---	14.64	8.80	5.84	No	---	---	---	---	---	---	---	---	---
MW9	12/08/92	---	14.64	8.70	5.94	No	---	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	01/27/93	---	14.64	---	---	---	---	---	---	---	---	---	---	---	---
MW9	02/18/93	---	14.64	9.22	5.42	No	---	---	---	---	---	---	---	---	---
MW9	03/10/93	---	14.64	5.25	9.39	No	---	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	04/06/93	---	14.64	5.07	9.57	No	---	---	---	---	---	---	---	---	---
MW9	05/28/93	---	14.64	6.08	8.56	No	---	---	---	---	---	---	---	---	---
MW9	06/10/93	---	14.64	6.27	8.37	No	---	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	07/17/93	---	14.64	7.09	7.55	No	---	---	---	---	---	---	---	---	---
MW9	08/11/93	---	14.64	7.60	7.04	No	---	<50/<50p	<50	---	---	<0.5/<50	<0.5/<50	<0.5/<50	<0.5/<50
MW9	09/01/93	---	14.64	7.95	6.69	No	---	---	---	---	---	---	---	---	---
MW9	10/26/93	---	14.64	8.44	6.20	No	---	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	11/12/93	---	14.64	8.44	6.20	No	---	---	---	---	---	---	---	---	---
MW9	12/27/93	---	14.64	8.37	6.27	No	---	---	---	---	---	---	---	---	---
MW9	01/20/94	---	14.64	---	---	---	---	---	---	---	---	---	---	---	---
MW9	02/02/94 - 02/03/94	---	14.64	---	---	---	---	---	---	---	---	---	---	---	---
MW9	03/10/94	---	14.64	6.90	7.74	No	---	---	---	---	---	---	---	---	---
MW9	04/22/94	---	14.64	7.38	7.26	No	---	---	---	---	---	---	---	---	---
MW9	05/10/94 - 05/11/94	---	14.64	6.96	7.68	No	---	---	---	---	---	---	---	---	---
MW9	06/27/94	---	14.64	7.65	6.99	No	---	---	---	---	---	---	---	---	---
MW9	08/31/94	---	14.64	8.87	5.77	No	---	---	---	---	---	---	---	---	---
MW9	09/29/94	---	14.64	9.19	5.45	No	---	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	10/25/94	---	14.64	9.66	4.98	No	---	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	11/30/94	---	14.64	8.38	6.26	---	---	---	---	---	---	---	---	---	---
MW9	12/27/94	---	14.64	7.29	7.35	No	---	---	---	---	---	---	---	---	---
MW9	02/06/95	---	14.64	5.74	8.90	No	---	56	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	06/07/95	---	14.64	8.33	6.31	No	---	72	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9	09/18/95	---	14.64	9.28	5.36	No	---	60	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9	11/01/95	---	14.64	10.09	4.55	No	---	61	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9	02/14/96	---	14.64	6.26	3.38	No	---	83	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5



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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW9	06/19/96	---	14.64	6.68	7.96	No	68	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW9	09/24/96	---	14.64	9.72	4.92	No	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW9	12/11/96	---	14.64	8.11	6.53	No	91	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW9	03/19/97	---	14.64	7.72	6.92	No	140	<50	<2.5	---	0.83	<0.5	<0.5	<0.5	<0.5
MW9	06/04/97	---	14.64	8.87	5.77	No	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW9	09/02/97	---	14.64	9.44	5.20	No	140	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW9	12/02/97	---	14.64	8.43	6.21	No	71	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW9	03/24/98	---	14.64	5.84	8.80	No	62	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW9	06/23/98	---	14.64	7.81	6.83	No	69	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW9	09/29/98	---	14.64	9.26	5.38	No	52	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW9	12/30/98	---	14.64	8.28	6.36	No	74	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW9	03/24/99	---	14.64	4.74	9.90	No	71.1	b	b	---	b	b	b	b	b
MW9	06/22/99	---	14.64	---	---	---	---	---	---	---	---	---	---	---	---
MW9	09/29/99	---	14.64	8.41	6.23	No	---	---	---	---	---	---	---	---	---
MW9	12/21/99	---	14.64	8.20	6.44	No	---	---	---	---	---	---	---	---	---
MW9	03/21/00	---	14.64	4.59	10.05	No	---	---	---	---	---	---	---	---	---
MW9	12/21/00	---	Well destroyed.												
MW10	Prior to 12/06/08	---	Well installed.												
MW10	12/06/89	---	14.05	10.46	3.59	No	<100	320	---	---	3.7	14	5.6	32	---
MW10	02/20/90	---	14.05	8.12	5.93	No	---	---	---	---	---	---	---	---	---
MW10	04/19/90	---	14.05	8.54	5.51	No	<100	<20	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	07/03/90	---	14.05	7.88	6.17	No	<100	<20	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	07/26/90	---	14.05	8.19	5.86	No	---	---	---	---	---	---	---	---	---
MW10	08/20/90	---	14.05	10.33	3.72	No	---	---	---	---	---	---	---	---	---
MW10	09/19/90	---	14.05	9.49	4.56	No	---	---	---	---	---	---	---	---	---
MW10	11/27/90	---	14.05	9.89	4.16	No	<100	<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	01/17/91	---	14.05	9.19	4.86	No	---	---	---	---	---	---	---	---	---
MW10	03/26/91	---	14.05	7.48	6.57	No	<100	<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	05/02/91	---	14.05	8.16	5.89	No	---	---	---	---	---	---	---	---	---
MW10	06/20/91	---	14.05	8.75	5.3	No	<100	<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	08/07/91	---	14.05	9.53	4.52	No	---	---	---	---	---	---	---	---	---
MW10	09/17/91	---	14.05	9.72	4.33	No	<100	<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	11/13/91	---	14.05	10.02	4.03	No	---	---	---	---	---	---	---	---	---
MW10	12/10/91	---	14.05	9.12	4.93	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	01/21/92	---	14.05	8.31	5.74	No	---	---	---	---	---	---	---	---	---
MW10	03/25/92	---	14.05	5.70	8.35	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	06/22/92	---	14.05	7.50	6.55	No	<50	<50	---	---	<0.5	0.6	<0.5	<0.5	0.8

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW10	09/24/92	---	14.05	8.68	5.37	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	10/14/92	---	14.05	8.88	5.17	No	---	---	---	---	---	---	---	---	---
MW10	11/16/92	---	14.05	8.70	5.35	No	---	---	---	---	---	---	---	---	---
MW10	12/08/92	---	14.05	8.31	5.74	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5	0.9
MW10	01/27/93	---	14.05	5.49	8.56	No	---	---	---	---	---	---	---	---	---
MW10	02/18/93	---	14.05	4.26	9.79	No	---	---	---	---	---	---	---	---	---
MW10	03/10/93	---	14.05	5.40	8.65	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	04/06/93	---	14.05	5.28	8.77	No	---	---	---	---	---	---	---	---	---
MW10	05/28/93	---	14.05	6.22	7.83	No	---	---	---	---	---	---	---	---	---
MW10	06/10/93	---	14.05	6.49	7.56	No	<50	<50	---	---	<0.5	0.6	0.7	0.7	1.2
MW10	07/17/93	---	14.05	6.79	7.26	No	---	---	---	---	---	---	---	---	---
MW10	08/11/93	---	14.05	7.20	6.85	No	<50/<50p	<50	---	---	<0.5/<5o	<0.5/<5o	<0.5/<5o	<0.5/<5o	1.4/<5o
MW10	09/01/93	---	14.05	8.03	6.02	No	---	---	---	---	---	---	---	---	---
MW10	10/26/93	---	14.05	8.38	5.67	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	11/12/93	---	14.05	8.49	5.56	No	---	---	---	---	---	---	---	---	---
MW10	12/27/93	---	14.05	8.22	5.83	No	---	---	---	---	---	---	---	---	---
MW10	01/20/94	---	14.05	8.40	5.65	No	---	---	---	---	---	---	---	---	---
MW10	02/02/94 - 02/03/94	---	14.05	8.00	6.05	No	<50	<50	---	---	<0.5	1.0	<0.5	<0.5	1.8
MW10	03/10/94	---	14.05	7.56	6.49	No	---	---	---	---	---	---	---	---	---
MW10	04/22/94	---	14.05	7.35	6.70	No	---	---	---	---	---	---	---	---	---
MW10	05/10/94 - 05/11/94	---	14.05	7.06	6.99	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	06/27/94	---	14.05	7.59	6.46	No	---	---	---	---	---	---	---	---	---
MW10	08/31/94	---	14.05	8.73	5.32	No	---	---	---	---	---	---	---	---	---
MW10	09/29/94	---	14.05	9.07	4.98	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	10/25/94	---	14.05	9.41	4.64	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	11/30/94	---	14.05	7.62	6.43	---	---	---	---	---	---	---	---	---	---
MW10	12/27/94	---	14.05	7.01	7.04	No	---	---	---	---	---	---	---	---	---
MW10	02/06/95	---	14.05	5.60	8.45	No	---	<50	<50	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	06/07/95	---	14.05	7.12	6.93	No	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	09/18/95	---	14.05	8.54	5.51	No	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	11/01/95	---	14.05	9.44	4.61	No	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	02/14/96	---	14.05	9.36	4.69	No	64	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	06/19/96	---	14.05	7.32	6.73	No	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	09/24/96	---	14.05	9.07	4.98	No	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	12/11/96	---	14.05	7.73	6.32	No	67	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	03/19/97	---	14.05	7.62	6.43	No	51	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	06/04/97	---	14.05	8.38	5.67	No	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	09/02/97	---	14.05	8.64	5.41	No	120	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	<0.5

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW10	12/02/97	---	14.05	7.22	6.83	No	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	03/24/98	---	14.05	5.71	8.34	No	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	06/23/98	---	14.05	7.23	6.82	No	90	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	09/29/98	---	14.05	8.39	5.66	No	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	12/06/98	---	14.05	10.46	3.59	No	<100	320	---	---	4	14	6	32	
MW10	12/30/98	---	14.05	7.74	6.31	No	58	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	03/24/99	---	14.05	4.74	9.31	No	<50	<50	<2.0	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW10	06/22/99	---	14.05	---	---	---	---	---	---	---	---	---	---	---	---
MW10	09/29/99	---	14.05	8.17	5.88	No	---	---	---	---	---	---	---	---	---
MW10	12/21/99	---	14.05	7.87	6.18	No	---	---	---	---	---	---	---	---	---
MW10	12/21/00	---	Well destroyed.												
MW11	Prior to 12/06/08	---	Well installed.												
MW11	12/06/89	---	13.55	10.62	2.93	No	<100	78	---	---	5.9	6.3	<0.5	48,000	
MW11	02/20/90	---	13.55	9.20	4.35	No	---	---	---	---	---	---	---	---	---
MW11	04/19/90	---	13.55	9.80	3.75	No	<100	<20	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	07/03/90	---	13.55	8.90	4.65	No	<100	<20	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	07/26/90	---	13.55	9.36	4.19	No	---	---	---	---	---	---	---	---	---
MW11	08/20/90	---	13.55	9.90	3.65	No	---	---	---	---	---	---	---	---	---
MW11	09/19/90	---	13.55	10.39	3.16	No	---	---	---	---	---	---	---	---	---
MW11	11/27/90	---	13.55	10.97	2.58	No	<100	<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	01/17/91	---	13.55	10.76	2.79	No	---	---	---	---	---	---	---	---	---
MW11	03/26/91	---	13.55	8.80	4.75	No	<100	<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	05/02/91	---	13.55	9.38	4.17	No	---	---	---	---	---	---	---	---	---
MW11	06/20/91	---	13.55	10.16	3.39	No	<100	<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	08/07/91	---	13.55	10.69	2.86	No	---	---	---	---	---	---	---	---	---
MW11	09/17/91	---	13.55	10.80	2.75	No	---	<50	---	---	<0.5	0.7	<0.5	<0.5	<0.5
MW11	11/13/91	---	13.55	10.44	3.11	No	---	---	---	---	---	---	---	---	---
MW11	12/10/91	---	13.55	10.84	3.07	No	<50	<50	---	---	<0.5	0.7	<0.5	<0.5	<0.5
MW11	01/21/92	---	13.55	10.10	3.45	No	---	---	---	---	---	---	---	---	---
MW11	03/25/92	---	13.55	7.30	6.25	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	06/22/92	---	13.55	9.02	4.53	No	57	84	---	---	1.5	3.1	1.4	9.6	
MW11	09/24/92	---	13.55	9.91	3.64	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	10/14/92	---	13.55	10.11	3.44	No	---	---	---	---	---	---	---	---	---
MW11	11/16/92	---	13.55	9.79	3.76	No	---	---	---	---	---	---	---	---	---
MW11	12/08/92	---	13.55	9.77	3.78	No	310	<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	01/27/93	---	13.55	5.67	7.88	No	---	---	---	---	---	---	---	---	---
MW11	02/18/93	---	13.55	5.06	8.49	No	---	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW11	03/10/93	---	13.55	6.40	7.14	No	240	<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	04/06/93	---	13.55	6.42	7.13	No	---	---	---	---	---	---	---	---	---
MW11	05/28/93	---	13.55	7.65	5.90	No	---	---	---	---	---	---	---	---	---
MW11	06/10/93	---	13.55	7.80	5.75	No	50	<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	07/17/93	---	13.55	8.42	5.13	No	---	---	---	---	---	---	---	---	---
MW11	08/11/93	---	13.55	8.87	4.68	No	<50/<50p	<50	---	---	0.5/<50o	0.7/<50o	1.2/<50o	2.7/<50o	---
MW11	09/01/93	---	13.55	9.09	4.46	No	---	---	---	---	---	---	---	---	---
MW11	10/26/93	---	13.55	9.70	3.85	No	80	<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	11/12/93	---	13.55	9.72	3.83	No	---	---	---	---	---	---	---	---	---
MW11	12/27/93	---	13.55	9.56	3.99	No	---	---	---	---	---	---	---	---	---
MW11	01/20/94	---	13.55	9.61	3.94	No	---	---	---	---	---	---	---	---	---
MW11	02/02/94 - 02/03/94	---	13.55	9.56	3.99	No	160	<50	---	---	<0.5	1.0	<0.5	<0.5	0.9
MW11	03/10/94	---	13.55	8.59	4.96	No	---	---	---	---	---	---	---	---	---
MW11	04/22/94	---	13.55	8.47	5.08	No	---	---	---	---	---	---	---	---	---
MW11	05/10/94 - 05/11/94	---	13.55	8.12	5.43	No	100g	<50	---	---	<0.5a	<0.5	<0.5	<0.5	3.2
MW11	06/24/94	---	13.55	8.65	4.90	No	---	---	---	---	---	---	---	---	---
MW11	08/31/94	---	13.55	9.80	3.75	No	---	---	---	---	---	---	---	---	---
MW11	09/29/94	---	13.55	10.16	3.39	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	10/25/94	---	13.55	10.48	3.07	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	11/30/94	---	13.55	8.55	5.00	---	---	---	---	---	---	---	---	---	---
MW11	12/27/94	---	13.55	7.98	5.57	No	---	---	---	---	---	---	---	---	---
MW11	02/06/95	---	13.55	6.49	7.06	No	160	<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	06/07/95	---	13.55	7.98	5.57	No	50	<50	42	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	09/18/95	---	13.55	10.12	3.43	No	56	<50	32	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	11/01/95	---	13.55	10.75	2.80	No	170	<50	35	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	02/14/96	---	13.55	8.03	5.52	No	76	<50	37	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	06/19/96	---	13.55	7.85	5.70	No	92	<50	33	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	09/24/96	---	13.55	10.45	3.10	No	58	<50	40	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	12/11/96	---	13.55	9.02	4.53	No	110	<50	10	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	03/19/97	---	13.55	9.16	4.39	No	100	<50	6.9	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	06/04/97	---	13.55	9.91	3.64	No	<50	<50	5.6	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	09/02/97	---	13.55	10.25	3.30	No	150	<50	4.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	12/02/97	---	13.55	9.33	4.22	No	70	<50	5.8	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	03/24/98	---	13.55	6.77	6.78	No	<50	<50	4.1	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	06/23/98	---	13.55	8.99	4.56	No	70	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	09/29/98	---	13.55	9.89	3.66	No	76	<50	7.7	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	12/30/98	---	13.55	9.17	4.38	No	71	<50	3.5	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW11	03/24/99	---	13.55	5.79	7.76	No	58.2	<50	4.51	---	<0.5	1.20	<0.5	<0.5	<0.5

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW11	06/22/99	---	13.55	---	---	---	---	---	---	---	---	---	---	---	---
MW11	09/29/99	---	13.55	9.14	4.41	No	---	---	---	---	---	---	---	---	---
MW11	12/21/99	---	13.55	9.01	4.54	No	---	---	---	---	---	---	---	---	---
MW11	03/21/00	---	13.55	5.68	7.87	No	---	---	---	---	---	---	---	---	---
MW11	12/21/00	---	Well destroyed.												
MW12	11/27/89	---	Well installed.												
MW12	12/06/89	---	12.61	8.00	4.61	No	4,000	85,000	---	---	---	6,700	6,300	1,800	7,800
MW12	02/20/90	---	12.61	6.33	6.28	No	---	---	---	---	---	---	---	---	---
MW12	04/19/90	---	12.61	7.18	5.43	No	97,000	110,000	---	---	---	6,600	7,400	1,800	11,000
MW12	07/03/90	---	12.61	7.41	5.20	No	50,000	92,000	---	---	---	11,000	11,000	3,100	13,000
MW12	07/26/90	---	12.61	6.54	6.07	No	---	---	---	---	---	---	---	---	---
MW12	08/20/90	---	12.61	7.23	5.38	No	---	---	---	---	---	---	---	---	---
MW12	09/19/90	---	12.61	7.77	4.84	No	---	---	---	---	---	---	---	---	---
MW12	11/27/90	---	12.61	8.15	4.46	No	---	69,000	---	---	---	11,000	10,000	3,100	12,000
MW12	01/17/91	---	12.61	8.06	4.55	No	---	---	---	---	---	---	---	---	---
MW12	03/26/91	---	12.61	7.21	5.40	No	<100	100,000	---	---	---	15,000	16,000	2,400	11,000
MW12	05/02/91	---	12.61	7.60	5.01	Sheen	---	---	---	---	---	---	---	---	---
MW12	06/20/91	---	12.61	8.02	4.59	Sheen	---	---	---	---	---	---	---	---	---
MW12	08/07/91	---	12.61	8.25	4.36	Sheen	---	---	---	---	---	---	---	---	---
MW12	09/17/91	---	12.61	8.20	4.41	Sheen	---	82,000	---	---	---	22,000	18,000	3,900	16,000
MW12	11/13/91	---	12.61	7.77	4.84	Sheen	---	---	---	---	---	---	---	---	---
MW12	12/01/91	---	12.61	7.75	4.86	Sheen	1,700	99,000	---	---	---	18,000	16,000	3,000	11,000
MW12	01/21/92	---	12.61	7.08	5.53	Sheen	---	---	---	---	---	---	---	---	---
MW12	03/25/92	---	12.61	4.93	7.68	Sheen	---	---	---	---	---	---	---	---	---
MW12	06/22/92	---	12.61	6.04	6.57	Sheen	---	---	---	---	---	---	---	---	---
MW12	09/24/92	---	12.61	6.94	5.67	No	3,100	570,000	---	---	---	62,000	46,000	15,000	57,000
MW12	10/14/92	---	12.61	7.21	5.40	Sheen	---	---	---	---	---	---	---	---	---
MW12	11/16/92	---	12.61	7.00	5.61	Sheen	---	---	---	---	---	---	---	---	---
MW12	12/08/92	---	12.61	6.70	5.91	Sheen	---	---	---	---	---	---	---	---	---
MW12	01/27/93	---	12.61	4.16	8.45	Sheen	---	---	---	---	---	---	---	---	---
MW12	02/18/93	---	12.61	4.01	8.60	Sheen	---	---	---	---	---	---	---	---	---
MW12	03/10/93	---	12.61	3.94	8.67	Sheen	---	---	---	---	---	---	---	---	---
MW12	04/06/93	---	12.61	3.69	8.92	Sheen	---	---	---	---	---	---	---	---	---
MW12	05/28/93	---	12.61	4.66	7.95	Sheen	---	---	---	---	---	---	---	---	---
MW12	06/10/93	---	12.61	4.78	7.83	Sheen	---	---	---	---	---	---	---	---	---
MW12	07/17/93	---	12.61	5.42	7.19	Sheen	---	---	---	---	---	---	---	---	---
MW12	08/11/93	---	12.61	5.83	6.78	Sheen	2,400/190q	94,000	---	---	---	10,000/13,000o	8,300/11,000o	2,800/4,000o	13,000/15,000o

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW12	09/01/93	---	12.61	6.22	6.39	Sheen	---	---	---	---	---	---	---	---	---
MW12	10/26/93	---	12.61	6.82	5.79	No	17,000	68,000	---	---	---	11,000	8,500	3,400	13,000
MW12	11/12/93	---	12.61	6.88	5.73	No	---	---	---	---	---	---	---	---	---
MW12	12/27/93	---	12.61	8.04	4.57	No	---	---	---	---	---	---	---	---	---
MW12	01/20/94	---	12.61	7.81	4.80	No	---	---	---	---	---	---	---	---	---
MW12	02/02/94 - 02/03/94	---	12.61	7.22	5.39	No	18,000	48,000	---	---	---	4,000	2,700	2,900	9,900
MW12	03/10/94	---	12.61	6.16	6.45	No	---	---	---	---	---	---	---	---	---
MW12	04/22/94	---	12.61	6.31	6.30	No	---	---	---	---	---	---	---	---	---
MW12	05/10/94 - 05/11/94	---	12.61	6.16	6.45	No	8,200	46,000	---	---	---	3,000s	1,600	2,900	9,100
MW12	06/27/94	---	12.61	6.55	6.06	No	---	---	---	---	---	---	---	---	---
MW12	08/31/94	---	12.61	7.97	4.64	No	---	---	---	---	---	---	---	---	---
MW12	09/29/94	---	12.61	8.52	4.09	Sheen	---	---	---	---	---	---	---	---	---
MW12	10/25/94	---	12.61	8.74	3.87	Sheen	---	---	---	---	---	---	---	---	---
MW12	11/30/94	---	12.61	8.73	3.88	---	---	---	---	---	---	---	---	---	---
MW12	12/30/94	---	12.61	6.17	6.44	No	---	---	---	---	---	---	---	---	---
MW12	02/06/95	---	12.61	4.44	8.17	Sheen	---	---	---	---	---	---	---	---	---
MW12	06/07/95	---	12.61	6.59	6.02	Sheen	---	---	---	---	---	---	---	---	---
MW12	09/18/95	---	12.61	8.96	3.65	Sheen	---	---	---	---	---	---	---	---	---
MW12	11/01/95	---	12.61	10.75	1.86	Sheen	---	---	---	---	---	---	---	---	---
MW12	02/14/96	---	12.61	7.73	4.88	Sheen	---	---	---	---	---	---	---	---	---
MW12	06/19/96	---	12.61	5.80	6.81	Sheen	---	---	---	---	---	---	---	---	---
MW12	09/24/96	---	12.61	9.14	3.47	Sheen	---	---	---	---	---	---	---	---	---
MW12	12/11/96	---	12.61	7.31	5.30	Sheen	---	---	---	---	---	---	---	---	---
MW12	03/19/97	---	12.61	9.96	2.65	Sheen	---	---	---	---	---	---	---	---	---
MW12	06/04/97	---	12.61	8.81	3.80	Sheen	---	---	---	---	---	---	---	---	---
MW12	09/02/97	---	12.61	8.93	3.68	Sheen	---	---	---	---	---	---	---	---	---
MW12	12/02/97	---	12.61	8.41	4.20	No	3,900	45,000	<250	---	---	1,800	560	3,100	8,700
MW12	03/24/98	---	12.61	5.37	7.24	No	8,800	42,000	<250	---	---	820	280	2,800	6,800
MW12	06/23/98	---	12.61	8.43	4.18	Sheen	7,800	39,000	560	---	---	1,000	200	2,300	4,900
MW12	09/29/98	---	12.61	8.94	3.67	Sheen	21,000	40,000	<500	---	---	1,100	150	2,200	3,100
MW12	12/30/98	---	12.61	8.47	4.14	Sheen	49,000	79,000	<500	---	---	1,400	400	3,300	8,500
MW12	03/24/99	---	12.61	3.71	8.90	Sheen	5,070	40,600	<20	---	---	328	182	1,690	3,930
MW12	06/22/99	---	12.61	4.91	7.70	Sheen	15,000	54,800	109	---	---	203	244	1,530	3,790
MW12	09/29/99	---	12.61	7.41	5.20	No	6,830f	22,900	194	---	---	422	72.6	1,790	2,270
MW12	12/21/99	---	12.61	7.46	5.15	No	10,000	25,000	<40	---	---	580	26	1,400	1,360
MW12	03/21/00	---	12.61	3.57	9.04	No	4,400	23,000	860	---	---	690	33	1,600	3,290
MW12	03/30/01	---	12.61	Well covered by asphalt.											

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	
MW13	Prior to 12/06/08	---	Well installed.													
MW13	12/06/89	---	14.20	9.35	4.85	No	31,000	52,000	---	---	---	2,100	2,000	1,400	6,100	
MW13	02/20/90	---	14.20	7.73	6.47	No	---	---	---	---	---	---	---	---	---	
MW13	04/19/90	---	14.20	8.68	5.52	No	54,000	59,000	---	---	---	1,800	1,500	1,400	7,200	
MW13	07/03/90	---	14.20	8.00	6.20	No	26,000	53,000	---	---	---	4,500	3,100	2,200	7,800	
MW13	07/26/90	---	14.20	7.95	6.25	No	---	---	---	---	---	---	---	---	---	
MW13	08/20/90	---	14.20	8.66	5.54	No	---	---	---	---	---	---	---	---	---	
MW13	09/19/90	---	14.20	9.13	5.07	No	---	---	---	---	---	---	---	---	---	
MW13	11/27/90	---	14.20	9.49	4.71	No	1,600	20,000	---	---	---	4,500	1,100	880	3,300	
MW13	01/17/91	---	14.20	9.61	4.59	No	---	---	---	---	---	---	---	---	---	
MW13	03/26/91	---	14.20	9.25	4.95	No	<100	72,000	---	---	---	10,000	8,300	1,700	6,900	
MW13	05/02/91	---	14.20	9.31	4.89	No	---	---	---	---	---	---	---	---	---	
MW13	06/20/91	---	14.20	9.73	4.47	No	<100	44,000	---	---	---	5,600	3,100	750	2,600	
MW13	08/07/91	---	14.20	Well inaccessible.												
MW13	09/17/91	---	14.20	9.72	4.48	No	---	40,000	---	---	---	11,000	6,500	2,400	8,100	
MW13	11/13/91	---	14.20	9.06	5.14	No	---	---	---	---	---	---	---	---	---	
MW13	12/10/91	---	14.20	9.04	5.16	No	3,700	72,000	---	---	---	11,000	7,400	2,500	9,400	
MW13	01/21/92	---	14.20	8.41	5.79	No	---	---	---	---	---	---	---	---	---	
MW13	03/25/92	---	14.20	5.72	8.48	Sheen	---	---	---	---	---	---	---	---	---	
MW13	06/22/92	---	14.20	7.31	6.89	Sheen	---	---	---	---	---	---	---	---	---	
MW13	09/24/92	---	14.20	8.30	5.90	No	2,900	86,000	---	---	---	9,500	6,100	2,400	10,000	
MW13	10/14/92	---	14.20	8.56	5.64	Sheen	---	---	---	---	---	---	---	---	---	
MW13	11/16/92	---	14.20	8.36	5.84	Sheen	---	---	---	---	---	---	---	---	---	
MW13	12/08/92	---	14.20	8.10	6.10	Sheen	---	---	---	---	---	---	---	---	---	
MW13	01/27/93	---	14.20	---	---	---	---	---	---	---	---	---	---	---	---	
MW13	02/18/93	---	14.20	4.89	9.31	Sheen	---	---	---	---	---	---	---	---	---	
MW13	03/10/93	---	14.20	5.32	8.88	Sheen	---	---	---	---	---	---	---	---	---	
MW13	04/06/93	---	14.20	5.10	9.10	Sheen	---	---	---	---	---	---	---	---	---	
MW13	05/28/93	---	14.20	6.00	8.20	Sheen	---	---	---	---	---	---	---	---	---	
MW13	06/10/93	---	14.20	6.15	8.05	Sheen	---	---	---	---	---	---	---	---	---	
MW13	07/17/93	---	14.20	6.82	7.38	Sheen	---	---	---	---	---	---	---	---	---	
MW13	08/11/93	---	14.20	7.31	6.89	Sheen	2,500/360q	62,000	---	---	---	5,600/7,700o	2,700/3,700o	2,300/3,500o	11,000/14,000o	
MW13	09/01/93	---	14.20	7.62	6.58	Sheen	---	---	---	---	---	---	---	---	---	
MW13	10/26/93	---	14.20	8.22	5.98	No	15,000	46,000	---	---	---	5,200	3,200	2,500	11,000	
MW13	11/12/93	---	14.20	8.29	5.91	No	---	---	---	---	---	---	---	---	---	
MW13	12/27/93	---	14.20	---	---	---	---	---	---	---	---	---	---	---	---	
MW13	01/20/94	---	14.20	9.08	5.12	No	---	---	---	---	---	---	---	---	---	
MW13	02/02/94 - 02/03/94	---	14.20	8.75	5.45	No	8,100	41,000	---	---	---	3,800	1,500	2,700	9,500	

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW13	03/10/94	---	14.20	7.46	6.74	Sheen	---	---	---	---	---	---	---	---	---
MW13	04/22/94	---	14.20	7.78	6.42	Sheen	---	---	---	---	---	---	---	---	---
MW13	05/10/94 - 05/11/94	---	14.20	7.61	6.59	No	15,000	39,000	---	---	---	3,400	930	2,400	8,900
MW13	06/27/94	---	14.20	7.97	6.23	No	---	---	---	---	---	---	---	---	---
MW13	08/31/94	---	14.20	9.21	4.99	No	---	---	---	---	---	---	---	---	---
MW13	09/29/94	---	14.20	9.61	4.59	No	320	57,000	---	---	---	2,100	470	2,600	8,100
MW13	10/25/94	---	14.20	9.93	4.27	Sheen	---	---	---	---	---	---	---	---	---
MW13	11/30/94	---	14.20	8.16	6.04	---	---	---	---	---	---	---	---	---	---
MW13	12/27/94	---	14.20	7.61	6.59	---	---	---	---	---	---	---	---	---	---
MW13	02/06/95	---	14.20	5.89	8.31	Sheen	---	---	---	---	---	---	---	---	---
MW13	06/07/95	---	14.20	8.05	6.15	Sheen	---	---	---	---	---	---	---	---	---
MW13	09/18/95	---	14.20	9.94	4.26	Sheen	---	---	---	---	---	---	---	---	---
MW13	11/01/95	---	14.20	10.48	3.72	Sheen	---	---	---	---	---	---	---	---	---
MW13	02/14/96	---	14.20	8.88	5.32	Sheen	---	---	---	---	---	---	---	---	---
MW13	06/19/96	---	14.20	7.22	6.98	Sheen	---	---	---	---	---	---	---	---	---
MW13	09/24/96	---	14.20	10.27	3.93	Sheen	---	---	---	---	---	---	---	---	---
MW13	12/11/96	---	14.20	8.77	5.43	Sheen	---	---	---	---	---	---	---	---	---
MW13	03/19/97	---	14.20	9.46	4.74	Sheen	---	---	---	---	---	---	---	---	---
MW13	06/04/97	---	14.20	9.59	4.61	Sheen	---	---	---	---	---	---	---	---	---
MW13	09/02/97	---	14.20	9.68	4.52	Sheen	---	---	---	---	---	---	---	---	---
MW13	12/02/97	---	14.20	9.16	5.04	No	16,000	14,000	<250	---	210	<50	920	1,000	---
MW13	03/24/98	---	14.20	6.71	7.49	No	1,700	5,600	55	---	110	6.0	420	330	---
MW13	06/23/98	---	14.20	8.87	5.33	No	3,800	12,000	200	---	120	<20	300	300	---
MW13	09/29/98	---	14.20	9.79	4.41	No	2,400	4,900	130	---	130	12.0	410	200	---
MW13	12/30/98	---	14.20	9.03	5.17	No	2,000	6,700	520	---	100	11	400	250	---
MW13	03/24/99	---	14.20	4.91	9.29	Sheen	688	3,730	15.5	---	35.9	1.58	150	112	---
MW13	06/22/99	---	14.20	5.66	8.54	Sheen	4,090	7,220	56.4	---	29.0	<5.0	496	318	---
MW13	09/29/99	---	14.20	8.62	5.58	No	1,060f	5,200	103	---	83.0	5.90	322	126	---
MW13	12/21/99	---	14.20	8.59	5.61	No	1,800	4,400	<2	---	52	1.9	340	115	---
MW13	03/21/00	---	14.20	Well inaccessible.											
MW13	12/21/00	---	Well destroyed.												
MW14	10/31/90	---	Well installed.												
MW14	11/27/90	---	15.18	9.88	5.30	No	120	390	---	---	<0.5	<0.5	3.6	3.7	---
MW14	01/17/91	---	15.18	9.13	6.05	No	---	---	---	---	---	---	---	---	---
MW14	03/26/91	---	15.18	8.51	6.67	No	<100	200	---	---	<0.5	1.5	0.8	3.6	---
MW14	05/02/91	---	15.18	8.45	6.73	No	---	---	---	---	---	---	---	---	---
MW14	06/20/91	---	15.18	8.38	6.80	No	<100	110	---	---	<0.5	<0.5	<0.5	<0.5	<0.5



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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW14	09/17/91	---	15.18	9.14	6.04	No	---	---	450	---	---	<0.5	<0.5	3.2	2.3
MW14	11/13/91	---	15.18	8.83	6.35	No	---	---	---	---	---	---	---	---	---
MW14	12/10/91	---	15.18	8.90	6.28	No	---	280	71	---	---	0.5	<0.5	<0.5	<0.5
MW14	01/21/92	---	15.18	8.58	6.60	No	---	---	---	---	---	---	---	---	---
MW14	03/25/92	---	15.18	6.15	9.03	No	---	640	61	---	---	<0.5	<0.5	1.1	<0.5
MW14	06/22/92	---	15.18	7.70	7.48	No	---	350	140	---	---	<0.5	<0.5	0.6	2
MW14	09/24/92	---	15.18	9.34	5.84	No	---	300	75	---	---	<0.5	<0.5	<0.5	<0.5
MW14	10/14/92	---	15.18	9.40	5.78	No	---	---	---	---	---	---	---	---	---
MW14	11/16/92	---	15.18	9.17	6.01	No	---	---	---	---	---	---	---	---	---
MW14	12/08/92	---	15.18	8.89	6.29	No	---	220	350	---	---	2.5	1.0	1.5	8.1
MW14	01/17/93	---	15.18	8.54	6.64	No	---	---	---	---	---	---	---	---	---
MW14	02/18/93	---	15.18	---	---	---	---	---	---	---	---	---	---	---	---
MW14	03/10/93	---	15.18	5.55	9.63	No	---	<250p	410	---	---	<0.5	<0.5	0.9	1.6
MW14	04/06/93	---	15.18	5.34	9.84	No	---	---	---	---	---	---	---	---	---
MW14	05/28/93	---	15.18	6.07	9.11	No	---	---	---	---	---	---	---	---	---
MW14	06/10/93	---	15.18	6.30	8.88	No	---	180	180	---	---	<0.5	<0.5	0.8	1.9/500r
MW14	07/17/93	---	15.18	7.77	7.41	No	---	---	---	---	---	---	---	---	---
MW14	08/11/93	---	15.18	7.62	7.56	No	---	180/140q	180	---	---	0.6/<5o	<0.5/<5o	1.6/<5o	3.7/<5o
MW14	09/01/93	---	15.18	8.09	7.09	No	---	---	---	---	---	---	---	---	---
MW14	10/26/93	---	15.18	8.18	7.00	No	---	200	260	---	---	<0.5	<0.5	<0.5	3.6
MW14	11/12/93	---	15.18	8.16	7.02	No	---	---	---	---	---	---	---	---	---
MW14	12/27/93	---	15.18	7.95	7.23	No	---	---	---	---	---	---	---	---	---
MW14	01/20/94	---	15.18	---	---	---	---	---	---	---	---	---	---	---	---
MW14	02/02/94 - 02/03/94	---	15.18	Well inaccessible.		---	---	---	---	---	---	---	---	---	---
MW14	03/10/94	---	15.18	7.84	7.34	No	---	---	---	---	---	---	---	---	---
MW14	04/22/94	---	15.18	8.00	7.18	No	---	---	---	---	---	---	---	---	---
MW14	05/10/94 - 05/11/94	---	15.18	7.93	7.25	No	---	1,100s	300	---	---	2.7	7.9	2.0	27
MW14	06/27/94	---	15.18	8.19	6.99	No	---	---	---	---	---	---	---	---	---
MW14	08/31/94	---	15.18	9.44	5.74	No	---	---	---	---	---	---	---	---	---
MW14	09/29/94	---	15.18	9.82	5.36	No	---	---	300	1,600	---	<0.5	<0.5	0.9	1.3
MW14	10/25/94	---	15.18	9.99	5.19	No	---	---	200	210	---	<0.5	<0.5	0.8	<0.5
MW14	11/30/94	---	15.18	8.16	7.02	---	---	---	---	---	---	---	---	---	---
MW14	12/27/94	---	15.18	8.15	7.03	Sheen	---	---	---	---	---	---	---	---	---
MW14	02/06/95	---	15.18	7.18	8.00	No	---	1,200	360	---	---	<1.0	<1.0	<1.0	<1.0
MW14	06/07/95	---	15.18	7.70	7.48	No	---	1,100	670	<2.5	---	<0.5	<0.5	3.6	<0.5
MW14	09/18/95	---	15.18	9.88	5.30	No	---	1,900	1,300	<10	---	<2.0	<2.0	<2.0	3
MW14	11/01/95	---	15.18	10.56	4.62	No	---	2,700	1,100	<13	---	<2.5	<2.5	3.2	3.1
MW14	02/14/96	---	15.18	9.08	6.10	No	---	1,500	470	<2.5	---	<0.5	<0.5	1.3	<0.5

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW14	06/19/96	---	15.18	8.50	6.68	No	2,000	610	<12	---	<2.5	<2.5	<2.5	<2.5	<2.5
MW14	09/24/96	---	15.18	10.23	4.95	No	5,100	1,000	<25	---	<5.0	<5.0	<5.0	<5.0	<5.0
MW14	12/11/96	---	15.18	9.09	6.09	No	2,100 i	1,100	<10	---	<2.0	<2.0	<2.0	<2.0	3.3
MW14	03/19/97	---	15.18	7.99	7.19	No	1,400	690	<2.5	---	0.65	1.7	2.5	8.3	8.3
MW14	06/04/97	---	15.18	9.30	5.88	No	1,500	730	<2.5	---	<1.2	<1.2	3.5	5.3	5.3
MW14	09/02/97	---	15.18	9.92	5.26	No	1,900	910	<5.0	---	<5.0	<5.0	<5.0	<5.0	5.9
MW14	12/02/97	---	15.18	9.13	6.05	No	1,200	570	<2.5	---	0.85	<0.5	<0.5	<0.5	1.7
MW14	03/24/98	---	15.18	8.52	6.66	No	1,300	650	5.7	---	1.7	<1.0	<1.0	<1.0	2.3
MW14	06/23/98	---	15.18	8.69	6.49	No	1,100	470	<2.5	---	<0.5	1.5	1.1	3.0	3.0
MW14	09/29/98	---	15.18	9.41	5.77	No	930	570	<2.5	---	<0.50	<0.50	2.5	3.5	3.5
MW14	12/30/98	---	15.18	9.31	5.87	No	2,000	420	<2.5	---	<0.5	<0.5	<0.5	<0.5	2.8
MW14	03/24/99	---	15.18	4.23	10.95	No	936	456	<2.0	---	<0.5	<0.5	0.685	<0.5	<0.5
MW14	06/22/99	---	15.18	7.24	7.94	No	1,720	403	<2.0	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW14	09/29/99	---	15.18	9.41	5.77	No	927f	388	<2.5	---	1.31	<0.5	0.864	2.07	2.07
MW14	12/21/99	---	15.18	8.93	6.25	No	1,400	420	<2	---	0.61	<0.5	<0.5	<0.5	6.3
MW14	03/21/00	---	15.18	5.76	9.42	No	---	390	<2	---	1.4	<0.5	0.82	4.5	4.5
MW14	03/30/01	---	15.18	4.21	10.97	No	980	330	---	<5	<0.5	<0.5	1.3	3.03	3.03
MW14	11/01/01	---	15.14	Well surveyed in compliance with AB 2886 requirements.											
MW14	03/11/02 k	---	15.14	4.87	10.27	No	954	146	1.40	0.6	<0.50	<0.50	0.90	5.70	5.70
MW14	03/11/03	---	15.14	6.99	8.15	No	1,020	331	<0.5	---	<0.50	<0.5	<0.5	<0.5	<0.5
MW14	03/26/04	---	15.14	7.82	7.32	No	586g	235	---	<0.50	1.20	0.8	0.6	1.4	1.4
MW14	11/02/04	---	15.14	7.06	8.08	No	1,110g	282	---	<0.50	0.90	<0.5	1.6	7.2	7.2
MW14	02/04/05	---	15.14	6.15	8.99	No	2,880g	327	---	<0.50	0.60	<0.5	0.8	1.8	1.8
MW14	05/02/05	---	15.14	4.97	10.17	No	2,590g	363	---	<0.50	1.20	0.5	1.4	2.5	2.5
MW14	08/01/05	---	15.14	5.31	9.83	No	2,690g	280	---	<0.50	0.90	<0.5	0.9	1.8	1.8
MW14	10/25/05	---	15.14	5.16	9.98	No	5,410g	342	---	<0.500	0.82	<0.50	<0.50	<0.50	1.98
MW14	01/24/06	---	15.14	5.40	9.74	No	440g	290	---	<0.50	1.4	<0.50	1.9	<0.50	<0.50
MW14	04/28/06	---	15.14	4.06	11.08	No	190g	370	---	<0.50n	1.9n	<0.50	4.2	<0.50	<0.50
MW14	08/04/06	---	15.14	4.77	10.37	No	1,290	347	---	<0.500	1.14	<0.50	<0.50	<0.50	0.61
MW14	10/06/06	---	15.14	6.97	8.17	No	160g,j	290	---	<0.50	1.3	1.4	3.7	3.0	3.0
MW14	01/12/07	---	15.14	6.86	8.28	No	160g	250	---	<0.50	1.2	<0.50	2.0	<0.50	<0.50
MW14	04/09/07	---	15.14	8.31	6.83	No	330g	309	---	<0.500	1.01	0.55	0.97	1.17	1.17
MW14	08/06/07	---	15.14	7.41	7.73	No	200g	290	---	<0.50	<0.50	<0.50	1.0	<0.50	<0.50
MW14	11/15/07	---	15.14	7.97	7.17	No	210g	260	---	<0.50	0.66	<0.50	<0.50	<0.50	1.5
MW14	01/02/08	---	15.14	8.36	6.78	No	250g,j	380	---	<0.50	0.78	<0.50	1.4	3.4	3.4
MW14	04/03/08	---	15.14	8.75	6.39	No	970g	400	---	<0.50	2.0	2.8	3.9	2.4	2.4
MW14	07/09/08	---	15.14	7.43	7.71	No	1,200g	280	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW14	10/01/08	---	15.14	7.92	7.22	No	95	500	---	<0.50	<0.50	<0.50	1.5	4.4	4.4

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW14	01/07/09	---	15.14	6.96	8.18	No	1,100	370	---	<0.50	<0.50	<0.50	1.4	2.2
MW14	01/16/09	---	15.14	7.53	7.61	No	---	---	---	---	---	---	---	---
MW14	04/24/09	---	15.14	5.71	9.43	No	410	500	---	<0.50	<0.50	<0.50	1.2	<1.0
MW14	07/01/09	---	15.14	6.71	8.43	No	130	360	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW14	10/01/09	---	15.14	7.15	7.99	No	---	---	---	---	---	---	---	---
MW14	03/04/10	---	15.14	4.75	10.39	No	---	---	---	---	---	---	---	---
MW14	05/06/10	---	15.14	4.64	10.50	No	850g	990	---	<0.50	3.1	0.53	1.8	4.5
MW14	08/06/10	---	15.14	5.72	9.42	No	---	---	---	---	---	---	---	---
MW14	11/02/10	---	15.14	6.50	8.64	No	730g	1,100g	---	<0.50	<0.50	<0.50	<0.50	<1.0
<b>MW14</b>	<b>04/21/11</b>	---	<b>15.14</b>	<b>8.25</b>	<b>6.89</b>	<b>No</b>	---	---	---	---	---	---	---	---
<b>MW14</b>	<b>04/22/11</b>	---	<b>15.14</b>	---	---	---	<b>750g</b>	<b>1,400g</b>	---	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.0</b>
MW15	Prior to 11/27/90	---	Well installed.											
MW15	11/27/90	---	13.73	8.67	5.06	No	340	2,700	---	---	210	5.5	600	250
MW15	01/17/91	---	13.73	8.03	5.70	No	---	---	---	---	---	---	---	---
MW15	03/26/91	---	13.73	Well inaccessible.										
MW15	05/02/91	---	13.73	7.09	6.64	No	<100	380	---	---	<0.5	<0.5	<0.5	1.3
MW15	06/20/91	---	13.73	7.06	6.67	No	---	---	---	---	---	---	---	---
MW15	08/07/91	---	13.73	7.59	6.14	No	---	---	---	---	---	---	---	---
MW15	09/17/91	---	13.73	7.89	5.84	No	---	490	---	---	2.9	1.7	33	1.3
MW15	11/13/91	---	13.73	9.07	4.66	No	---	---	---	---	---	---	---	---
MW15	12/10/91	---	13.73	8.60	5.13	No	300	1,600	---	---	14	1.1	66	9.8
MW15	01/21/92	---	13.73	9.15	4.58	No	---	---	---	---	---	---	---	---
MW15	03/25/92	---	13.73	8.10	5.63	No	1,400	3,400	---	---	150	13	690	250
MW15	06/22/92	---	13.73	5.80	7.93	No	860	6,600	---	---	99	<0.5	670	180
MW15	09/24/92	---	13.73	7.21	6.52	No	740	3,600	---	---	120	7	480	47
MW15	10/14/92	---	13.73	7.40	6.33	No	---	---	---	---	---	---	---	---
MW15	11/16/92	---	13.73	7.55	6.18	No	---	---	---	---	---	---	---	---
MW15	12/08/92	---	13.73	7.42	6.31	No	430	1,600	---	---	43	1.6	170	23
MW15	01/27/93	---	13.73	4.37	9.36	No	---	---	---	---	---	---	---	---
MW15	02/18/93	---	13.73	4.14	9.59	Sheen	---	---	---	---	---	---	---	---
MW15	03/10/93	---	13.73	Well inaccessible.										
MW15	04/06/93	---	13.73	3.16	10.57	Sheen	---	---	---	---	---	---	---	---
MW15	05/28/93	---	13.73	4.47	9.26	No	---	---	---	---	---	---	---	---
MW15	06/10/93	---	13.73	4.59	9.14	No	---	---	---	---	---	---	---	---
MW15	07/17/93	---	13.73	5.51	8.22	No	---	---	---	---	---	---	---	---
MW15	08/11/93	---	13.73	6.13	7.60	Sheen	710/300q	4,800	---	---	49/70o	<2.5/<5o	410/640o	34/26o
MW15	09/01/93	---	13.73	6.45	7.28	Sheen	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW15	10/26/93	---	13.73	7.16	6.57	No	970	3,400	---	---	79	<2.5	115	32	
MW15	11/12/93	---	13.73	7.82	5.91	No	---	---	---	---	---	---	---	---	
MW15	12/27/93	---	13.73	7.50	6.23	No	---	---	---	---	---	---	---	---	
MW15	01/20/94	---	13.73	7.48	6.25	No	---	---	---	---	---	---	---	---	
MW15	02/02/94 - 02/03/94	---	13.73	7.30	6.43	No	1,200	4,300	---	---	24	6.7	170	26	
MW15	03/10/94	---	13.73	7.32	6.41	No	---	---	---	---	---	---	---	---	
MW15	04/22/94	---	13.73	6.67	7.06	No	---	---	---	---	---	---	---	---	
MW15	05/10/94 - 05/11/94	---	13.73	5.81	7.92	No	1,400	3,900	---	---	16	<0.5	150	13	
MW15	06/27/94	---	13.73	6.14	7.59	No	---	---	---	---	---	---	---	---	
MW15	08/31/94	---	13.73	7.20	6.53	No	---	---	---	---	---	---	---	---	
MW15	09/29/94	---	13.73	7.76	5.97	No	420	2,500	---	---	51	15	48	3.6	
MW15	10/25/94	---	13.73	8.19	5.54	Sheen	---	---	---	---	---	---	---	---	
MW15	11/30/94	---	13.73	8.57	5.16	---	---	---	---	---	---	---	---	---	
MW15	12/27/94	---	13.73	6.49	7.24	No	---	---	---	---	---	---	---	---	
MW15	02/06/95	---	13.73	4.97	8.76	Sheen	---	---	---	---	---	---	---	---	
MW15	06/07/95	---	13.73	7.14	6.59	Sheen	---	---	---	---	---	---	---	---	
MW15	09/18/95	---	13.73	9.00	4.73	Sheen	---	---	---	---	---	---	---	---	
MW15	11/01/95	---	13.73	10.67	3.06	Sheen	---	---	---	---	---	---	---	---	
MW15	02/14/96	---	13.73	7.27	6.46	Sheen	---	---	---	---	---	---	---	---	
MW15	06/19/96	---	13.73	6.65	7.08	Sheen	---	---	---	---	---	---	---	---	
MW15	09/24/96	---	13.73	9.45	4.28	Sheen	---	---	---	---	---	---	---	---	
MW15	12/11/96	---	13.73	7.77	5.96	Sheen	---	---	---	---	---	---	---	---	
MW15	03/19/97	---	13.73	8.15	5.58	Sheen	---	---	---	---	---	---	---	---	
MW15	06/04/97	---	13.73	8.62	5.11	Sheen	---	---	---	---	---	---	---	---	
MW15	09/02/97	---	13.73	9.04	4.69	No	480	1,100	23	---	19	<2.0	11	4.9	
MW15	12/02/97	---	13.73	8.43	5.30	No	600	1,700	58	---	20	<5.0	11	<5.0	
MW15	03/24/98	---	13.73	6.35	7.38	No	450	2,100	<100	---	570	<20	<20	<20	
MW15	06/23/98	---	13.73	7.79	5.94	No	570	2,300	<25	---	440	<5.0	30	<5.0	
MW15	09/29/98	---	13.73	Well inaccessible.											
MW15	12/30/98	---	13.73	8.42	5.31	No	510	900	14	---	6.2	1.5	5.8	3.4	
MW15	03/24/99	---	13.73	4.69	9.04	No	346	1,480	12.7	---	181	1.15	29.8	<1.0	
MW15	06/22/99	---	13.73	5.42	8.31	No	558	864	6.49	---	12.7	<0.5	3.28	1.38	
MW15	09/29/99	---	13.73	7.08	6.65	No	306f	316	<5.0	---	1.44	7.51	1.60	3.21	
MW15	12/21/99	---	13.73	7.51	6.22	No	300	1,500	21	---	21	1.6	0.67	5.9	
MW15	03/21/00	---	13.73	3.61	10.12	No	220	680	<2	---	10	<0.5	<0.5	4.5	
MW15	12/21/00	---	Well destroyed.												
MW16A	08/24/09	---	---	Well installed.											

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW16A	09/11/09	---	13.02	Well surveyed in accordance with AB 2886 standards.											
MW16A	10/01/09	---	13.02	6.72	6.30	No	1,000g	5,300g	---	12	96	5.9	45	20	
MW16A	03/04/10	---	13.02	3.97	9.05	No	1,000g	3,000g	---	9.9	34	2.6	6.9	5.9	
MW16A	05/06/10	---	13.02	4.20	8.82	No	1,000g	4,500g	---	7.7	31	2.7	8.9	7.2	
MW16A	08/06/10	---	13.02	5.92	7.10	No	550g	2,900g	---	5.5	48	2.1	11	3.4	
MW16A	11/02/10	---	13.02	6.64	6.38	No	610g	3,100g	---	4.3	63	<0.50	7.2	4.0	
<b>MW16A</b>	<b>04/21/11</b>	---	<b>13.02</b>	<b>6.89</b>	<b>6.13</b>	<b>No</b>	---	---	---	---	---	---	---	---	
<b>MW16A</b>	<b>04/22/11</b>	---	<b>13.02</b>	---	---	---	<b>170g</b>	<b>2,100g</b>	---	<b>&lt;0.50</b>	<b>13</b>	<b>2.5</b>	<b>6.3</b>	<b>&lt;1.0</b>	
MW16B	08/24/09	---	---	Well installed.											
MW16B	09/11/09	---	13.19	Well surveyed in accordance with AB 2886 standards.											
MW16B	10/01/09	---	13.19	9.02	4.17	No	<50	180g	---	210	<0.50	<0.50	<0.50	<1.0	
MW16B	03/04/10	---	13.19	7.21	5.98	No	<50	160g	---	210	<0.50	<0.50	<0.50	<1.0	
MW16B	05/06/10	---	13.19	6.39	6.80	No	65g	120g	---	210	<0.50	<0.50	<0.50	<1.0	
MW16B	08/06/10	---	13.19	7.23	5.96	No	<50	160g	---	170	<0.50	<0.50	<0.50	<1.0	
MW16B	11/02/10	---	13.19	8.25	4.94	No	<50	160g	---	170	<0.50	<0.50	<0.50	<1.0	
<b>MW16B</b>	<b>04/21/11</b>	---	<b>13.19</b>	<b>10.91</b>	<b>2.28</b>	<b>0.04</b>	---	---	---	---	---	---	---	---	
<b>MW16B</b>	<b>04/22/11</b>	---	<b>13.19</b>	---	---	---	<b>&lt;50</b>	<b>130g</b>	---	<b>180</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.0</b>	
MW17A	08/25/09	---	---	Well installed.											
MW17A	09/11/09	---	13.99	Well surveyed in accordance with AB 2886 standards.											
MW17A	10/01/09	---	13.99	7.44	6.55	No	370g	2,200g	---	3.7	<0.50	<0.50	3.7	3.9	
MW17A	03/04/10	---	13.99	4.73	9.26	No	310g	1,600g	---	1.7	<0.50	1.9	7.2	4.3	
MW17A	05/06/10	---	13.99	4.89	9.10	No	260g	1,400g	---	<0.50	<0.50	1.2	6.2	3.0	
MW17A	08/06/10	---	13.99	6.51	7.48	No	130g	1,600g	---	1.4	<0.50	<0.50	4.6	<1.0	
MW17A	11/02/10	---	13.99	7.18	6.81	No	320g	1,900g	---	1.4	<0.50	<0.50	6.0	1.2	
<b>MW17A</b>	<b>04/21/11</b>	---	<b>13.99</b>	<b>7.04</b>	<b>6.95</b>	<b>No</b>	---	---	---	---	---	---	---	---	
<b>MW17A</b>	<b>04/22/11</b>	---	<b>13.99</b>	---	---	---	<b>150g</b>	<b>1,300g</b>	---	<b>&lt;0.50</b>	<b>6.5</b>	<b>&lt;0.50</b>	<b>3.5</b>	<b>&lt;1.0</b>	
MW17B	08/25/09	---	---	Well Installed.											
MW17B	09/11/09	---	13.92	Well surveyed in accordance with AB2886 standards.											
MW17B	10/01/09	---	13.92	8.83	5.09	No	<50	450g	---	560	<0.50	<0.50	<0.50	<1.0	
MW17B	03/04/10	---	13.92	6.15	7.77	No	<50	490g	---	340	<0.50	<0.50	<0.50	<1.0	
MW17B	05/06/10	---	13.92	6.48	7.44	No	<50	270g	---	530	<0.50	<0.50	<0.50	<1.0	
MW17B	08/06/10	---	13.92	7.81	6.11	No	<50	380g	---	510	<0.50	<0.50	<0.50	<1.0	
MW17B	11/02/10	---	13.92	8.78	5.14	No	<50	390g	---	470	<0.50	<0.50	<0.50	<1.0	
<b>MW17B</b>	<b>04/21/11</b>	---	<b>13.92</b>	<b>9.42</b>	<b>4.50</b>	<b>No</b>	---	---	---	---	---	---	---	---	
<b>MW17B</b>	<b>04/22/11</b>	---	<b>13.92</b>	---	---	---	<b>60</b>	<b>220g</b>	---	<b>290</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.0</b>	
MW18A	08/26/09	---	---	Well installed.											

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	
MW18A	09/11/09	---	13.55	Well surveyed in accordance with AB 2886 standards.												
MW18A	10/01/09	---	13.55	5.16	8.39	No	150	150g	---	93	<0.50	<0.50	<0.50	<1.0		
MW18A	03/04/10	---	13.55	3.97	9.58	No	130	<50	---	34	<0.50	<0.50	<0.50	<1.0		
MW18A	05/06/10	---	13.55	3.68	9.87	No	140	55g	---	35	<0.50	<0.50	<0.50	<1.0		
MW18A	08/06/10	---	13.55	4.40	9.15	No	110	110g	---	21	<0.50	<0.50	<0.50	<1.0		
MW18A	11/02/10	---	13.55	6.05	7.50	No	140	86g	---	11	<0.50	<0.50	<0.50	<1.0		
<b>MW18A</b>	<b>04/21/11</b>	---	<b>13.55</b>	<b>4.47</b>	<b>9.08</b>	<b>No</b>	<b>150</b>	<b>&lt;50</b>	---	<b>9.8</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.0</b>		
MW18B	08/25/09	---	---	Well installed.												
MW18B	09/11/09	---	13.21	Well surveyed in accordance with AB 2886 standards.												
MW18B	10/01/09	---	13.21	7.19	6.02	No	<50	62	---	0.68	<0.50	<0.50	<0.50	<1.0		
MW18B	03/04/10	---	13.21	4.97	8.24	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0		
MW18B	05/06/10	---	13.21	4.68	8.53	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0		
MW18B	08/06/10	---	13.21	6.29	6.92	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0		
MW18B	11/02/10	---	13.21	7.37	5.84	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0		
<b>MW18B</b>	<b>04/21/11</b>	---	<b>13.21</b>	<b>5.69</b>	<b>7.52</b>	<b>No</b>	<b>&lt;50</b>	<b>&lt;50</b>	---	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>0.60t</b>	<b>&lt;0.50</b>	<b>&lt;1.0</b>	
MW19A	08/26/09	---	---	Well installed.												
MW19A	09/11/09	---	15.05	Well surveyed in accordance with AB 2886 standards.												
MW19A	10/01/09	---	15.05	7.61	7.44	No	490g	2,700g	---	<0.50	<0.50	<0.50	44	62		
MW19A	03/04/10	---	15.05	4.30	10.75	No	520g	2,300g	---	<0.50	<0.50	<0.50	30	32		
MW19A	05/06/10	---	15.05	4.77	10.28	No	530g	2,100	---	<0.50	5.3	1.3	25	28		
MW19A	08/06/10	---	15.05	6.13	8.92	No	410g	1,800g	---	<0.50	<0.50	<0.50	9.8	14		
MW19A	11/02/10	---	15.05	7.25	7.80	No	420g	2,200g	---	<0.50	<0.50	<0.50	9.8	12		
<b>MW19A</b>	<b>04/21/11</b>	---	<b>15.05</b>	<b>6.18</b>	<b>8.87</b>	<b>No</b>	<b>240g</b>	<b>1,900</b>	---	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>3.6</b>	<b>6.9</b>	
MW19B	08/26/09	---	---	Well installed.												
MW19B	09/11/09	---	15.05	Well surveyed in accordance with AB 2886 standards.												
MW19B	10/01/09	---	15.05	8.66	6.39	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0		
MW19B	03/04/10	---	15.05	5.11	9.94	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0		
MW19B	05/06/10	---	15.05	5.07	9.98	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0		
MW19B	08/06/10	---	15.05	6.42	8.63	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0		
MW19B	11/02/10	---	15.05	7.58	7.47	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0		
<b>MW19B</b>	<b>04/21/11</b>	---	<b>15.05</b>	<b>6.07</b>	<b>8.98</b>	<b>No</b>	<b>&lt;50</b>	<b>&lt;50</b>	---	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.0</b>	
VW1	Prior to 02/18/93	---	Well installed.													
VW1	02/18/93	---	14.01	4.52	9.49	No	---	---	---	---	---	---	---	---	---	
VW1	03/10/93	---	14.01	5.25	8.76	No	---	---	---	---	---	---	---	---	---	
VW1	04/06/93	---	14.01	5.06	8.95	No	---	---	---	---	---	---	---	---	---	
VW1	05/28/93	---	14.01	5.52	8.49	No	---	---	---	---	---	---	---	---	---	

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
VW1	06/10/93	---	14.01	6.23	7.78		No	---	---	---	---	---	---	---	---
VW1	08/11/93	---	14.01	Well dry.											
VW1	09/01/93	---	14.01	Well dry.											
VW1	10/26/93	---	14.01	Well dry.											
VW1	11/12/93	---	14.01	Well dry.											
VW1	12/27/93	---	14.01	---	---		---	---	---	---	---	---	---	---	---
VW1	01/20/94	---	14.01	Well dry.											
VW1	02/02/94 - 02/03/94	---	14.01	5.58	8.43		No	---	---	---	---	---	---	---	---
VW1	03/10/94	---	14.01	6.19	7.82		No	---	---	---	---	---	---	---	---
VW1	04/22/94	---	14.01	5.96	8.05		No	---	---	---	---	---	---	---	---
VW1	05/10/94 - 05/11/94	---	14.01	5.66	8.35		No	---	---	---	---	---	---	---	---
VW1	06/27/94	---	14.01	5.99	8.02		No	---	---	---	---	---	---	---	---
VW2	Prior to 02/18/93	---	Well installed.												
VW2	02/18/93	---	14.09	4.41	9.68		No	---	---	---	---	---	---	---	---
VW2	03/10/93	---	14.09	5.17	8.92		No	---	---	---	---	---	---	---	---
VW2	04/06/93	---	14.09	5.04	9.05		No	---	---	---	---	---	---	---	---
VW2	05/28/93	---	14.09	5.46	8.63		No	---	---	---	---	---	---	---	---
VW2	06/10/93	---	14.09	5.60	8.49		No	---	---	---	---	---	---	---	---
VW2	07/17/93	---	14.09	6.38	7.71		No	---	---	---	---	---	---	---	---
VW2	08/11/93	---	14.09	7.90	6.19		No	---	---	---	---	---	---	---	---
VW2	09/01/93	---	14.09	7.31	6.79	0.01		---	---	---	---	---	---	---	---
VW2	10/26/93	---	14.09	Well dry.											
VW2	11/12/93	---	14.09	Well dry.											
VW2	12/27/93	---	14.09	Well dry.											
VW2	01/20/94	---	14.09	7.75	6.34		No	---	---	---	---	---	---	---	---
VW2	02/02/94 - 02/03/94	---	14.09	Well dry.											
VW2	03/10/94	---	14.09	6.85	7.24		No	---	---	---	---	---	---	---	---
VW2	04/22/94	---	14.09	7.30	6.79		No	---	---	---	---	---	---	---	---
VW2	05/10/94 - 05/11/94	---	14.09	7.20	6.89		No	---	---	---	---	---	---	---	---
VW2	06/27/94	---	14.09	7.29	6.80		No	---	---	---	---	---	---	---	---
VW3	Prior to 02/18/93	---	Well installed.												
VW3	02/18/93	---	13.37	4.62	8.69		No	---	---	---	---	---	---	---	---
VW3	03/10/93	---	13.37	4.41	8.90		No	---	---	---	---	---	---	---	---
VW3	04/06/93	---	13.37	4.10	9.21		No	---	---	---	---	---	---	---	---
VW3	05/28/93	---	13.37	4.98	8.33		No	---	---	---	---	---	---	---	---
VW3	06/10/93	---	13.37	4.98	8.33		No	---	---	---	---	---	---	---	---
VW3	07/17/93	---	13.37	5.57	7.74		No	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
VW3	08/11/93	---	13.37	7.69	5.62	No	---	---	---	---	---	---	---	---	---
VW3	09/01/93	---	13.37	6.78	6.54	0.01	---	---	---	---	---	---	---	---	---
VW3	10/26/93	---	13.37	Well dry.											
VW3	11/12/93	---	13.37	Well dry.											
VW3	12/27/93	---	13.37	7.24	6.13	No	---	---	---	---	---	---	---	---	---
VW3	01/20/94	---	13.37	7.49	5.88	No	---	---	---	---	---	---	---	---	---
VW3	02/02/94 - 02/03/94	---	13.37	7.15	6.22	No	---	---	---	---	---	---	---	---	---
VW3	03/10/94	---	13.37	6.21	7.16	No	---	---	---	---	---	---	---	---	---
VW3	04/22/94	---	13.37	6.34	7.03	No	---	---	---	---	---	---	---	---	---
VW3	05/10/94 - 05/11/94	---	13.37	5.92	7.45	No	---	---	---	---	---	---	---	---	---
VW3	06/27/94	---	13.37	6.66	6.71	No	---	---	---	---	---	---	---	---	---

**Grab Groundwater Samples**

CPT Borings

W-18-CPT1	04/12/05	18	---	---	---	---	---	187g	<50.0	---	1.00	<0.50	<0.5	<0.5	<0.5
W-10-CPT2	04/13/05	10	---	---	---	---	---	---	1,060,000	---	85.0	1,380	1,280	400	4,340
W-26-CPT2	04/13/05	26	---	---	---	---	---	283g	240	---	299	<0.50	<0.5	<0.5	<0.5
W-10-CPT3	04/13/05	10	---	---	---	---	---	76,800	358	---	107	<0.50	<0.5	<0.5	1.1
W-29-CPT3	04/13/05	29	---	---	---	---	---	450g	1,240	---	1.80	<0.50	<0.5	<0.5	<0.5
W-10-CPT4	04/12/05	10	---	---	---	---	---	15,700g	10,600	---	129	233	17.0	557	83.0
W-24-CPT4	04/12/05	24	---	---	---	---	---	377g	171	---	48.3	0.50	<0.5	2.5	2.9
W-10-CPT5	04/12/05	10	---	---	---	---	---	5,520g	2,200	---	<0.50	13.2	2.5	5.7	2.2
W-30-CPT6	04/11/05	30	---	---	---	---	---	---	177	---	<0.50	<0.50	<0.5	<0.5	<0.5
W-30-CPT6	04/12/05	30	---	---	---	---	---	473g	---	---	---	---	---	---	---

Direct-Push Borings

W-12-DP1	04/14/05	12	---	---	---	---	---	23,000g	30,000	---	146	1,700	250	770	4,980
W-12-DP3	04/14/05	12	---	---	---	---	---	11,100g	2,200	---	<0.50	12.6	5.7	2.3	13.8
W-12-DP4	04/14/05	12	---	---	---	---	---	20,200g	42,400	---	13.4	7,000	260	4,760	1,720
W-12-DP5	04/14/05	12	---	---	---	---	---	182,000	32,100	---	18.7	2,890	96.0	336	186
W-12-DP6	04/14/05	12	---	---	---	---	---	338g	<50.0	---	<0.50	<0.50	<0.5	<0.5	<0.5
W-30-DP9	12/15/06	30	---	---	---	---	---	430g	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50



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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
<u>Hydropunch® Borings</u>															
W-13-HP7	12/12/06	13	---	---	---	---	---	570g	<50	---	1.1	11	<0.50	<0.50	<0.50
W-30-HP11	12/13/06	30	---	---	---	---	---	<50	<50	---	3.9	<0.50	<0.50	<0.50	<0.50
W-13.5-HP12	12/13/06	13.5	---	---	---	---	---	<62	<50	---	1.6	<0.50	<0.50	<0.50	<0.50
W-31-HP12	12/13/06	31	---	---	---	---	---	<55	<50	---	17	<0.50	<0.50	<0.50	<0.50

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

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Notes:

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

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

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Notes (Cont.):

- o = Analyzed using EPA Method 624 (volatile organic compounds).
- p = Analyzed for Stoddard Solvent using EPA Method 5030/8015.
- q = Analyzed for Stoddard Solvent using modified EPA Method 5030/8015. Sample chromatogram was not representative of a Stoddard Solvent pattern. Pattern was representative of the heavier hydrocarbons found in a gasoline pattern.
- r = Stoddard Solution detected in the sample at approximately 320 parts per billion (ppb).
- s = Chloromethane.
- t = Analyte presence was not confirmed by second column or GC/MS analysis.

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

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

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

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

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

Well ID	Sampling Date	Depth (feet)	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Ethanol (µg/L)	VOCs (µg/L)	EHCss (µg/L)	TOG (µg/L)
<b>MW3</b>	<b>04/22/11</b>	---	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>13</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;50</b>	---	---	---
MW4	09/10/87	---	Well installed.									
MW4	09/10/87 - 03/26/04	---	Not analyzed for these analytes.									
MW4	03/30/01	---	Well covered by asphalt.									
MW5	Prior to September 1987	---	Well installed.									
MW5	09/01/87 - 04/25/89	---	Not analyzed for these analytes.									
MW5	07/18/89	---	Well destroyed.									
MW6	09/10/87	---	Well installed.									
MW6	05/01/89 - 03/26/04	---	Not analyzed for these analytes.									
MW6	03/26/04	---	<0.50	34.0	<0.50	11.7	<0.50	<0.50	---	---	---	---
MW6	11/02/04	---	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
MW6	02/04/05	---	<0.50	<0.50	<0.50	54.3	<0.50	<0.50	---	---	---	---
MW6	05/02/05	---	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<100	---	---	---
MW6	08/01/05	---	<0.50	15.3	<0.50	29.2	<0.50	<0.50	<100	---	---	---
MW6	10/25/05	---	<0.500	<0.500	<0.500	20.6	<0.500	<0.500	---	---	---	---
MW6	01/24/06	---	<5.0	<5.0	<5.0	<200	<5.0	<5.0	<1,000	---	---	---
MW6	04/28/06	---	<0.50	<0.50	12	41n	<0.50	<0.50	<100	---	---	---
MW6	08/04/06	---	0.940	8.28	<0.500	<10.0	<0.500	<0.500	<50.0	---	---	---
MW6	10/06/06	---	<0.50	<0.50	<0.50	14	<0.50	<0.50	<100	---	---	---
MW6	01/12/07	---	<0.50	<0.50	<0.50	11	<0.50	<0.50	<100	---	---	---
MW6	04/09/07	---	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<50.0	---	---	---
MW6	08/06/07	---	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<100	---	---	---
MW6	11/15/07	---	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<100	---	---	---
MW6	01/02/08	---	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<100	---	---	---
MW6	04/03/08	---	<0.50	<0.50	<0.50	11	<0.50	<0.50	<100	---	---	---
MW6	07/09/08	---	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<100	---	---	---
MW6	10/01/08	---	Well covered by asphalt.									
MW6	01/07/09	---	Well covered by asphalt.									
MW6	01/16/09	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW6	04/24/09	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW6	07/01/09	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW6	10/01/09	---	---	---	---	---	---	---	---	---	---	---
MW6	03/04/10	---	---	---	---	---	---	---	---	---	---	---
MW6	05/06/10	---	<0.50	<0.50	<0.50	5.2	<0.50	<0.50	<50	---	---	---
MW6	08/06/10	---	---	---	---	---	---	---	---	---	---	---
MW6	11/02/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
<b>MW6</b>	<b>04/21/11</b>	---	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>5.4</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;50</b>	---	---	---

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

Well ID	Sampling Date	Depth (feet)	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Ethanol (µg/L)	VOCs (µg/L)	EHCss (µg/L)	TOG (µg/L)
MW7	Prior to September 1987	---	Well installed.									
MW7	Sept 1987	---	---	---	---	---	---	---	---	ND	---	---
MW7	May 1988	---	---	---	---	---	---	---	---	ND	---	---
MW7	04/25/89 - 09/22/89	---	Not analyzed for these analytes.									
MW7	12/06/89	---	---	---	---	---	---	---	---	ND	---	<5,000
MW7	04/19/90	---	---	---	---	---	---	---	---	ND	---	---
MW7	07/03/90	---	---	---	---	---	---	---	---	ND	---	---
MW7	11/27/90	---	---	---	---	---	---	---	---	2.4s	---	---
MW7	03/26/91	---	---	---	---	---	---	---	---	ND	---	---
MW7	03/10/93	---	---	---	---	---	---	---	---	h	---	<5,000
MW7	08/11/93	---	---	---	---	---	---	---	---	ND	---	---
MW7	02/03/94	---	---	---	---	---	---	---	---	---	---	470p
MW7	03/10/94	---	---	---	---	---	---	---	---	---	---	---
MW7	04/22/94	---	---	---	---	---	---	---	---	---	---	---
MW7	05/10/94 - 05/11/94	---	---	---	---	---	---	---	---	---	---	1,400p
MW7	11/30/94	---	---	---	---	---	---	---	---	---	---	---
MW7	12/27/94	---	---	---	---	---	---	---	---	---	---	---
MW7	02/06/95	---	---	---	---	---	---	---	---	---	1,100	---
MW7	06/07/95	---	---	---	---	---	---	---	---	---	1,000	---
MW7	09/18/95	---	---	---	---	---	---	---	---	---	870	---
MW7	11/01/95	---	---	---	---	---	---	---	---	---	1,400	---
MW7	02/14/96	---	---	---	---	---	---	---	---	---	940	---
MW7	06/19/96	---	---	---	---	---	---	---	---	---	1,000	---
MW7	09/24/96	---	---	---	---	---	---	---	---	---	910	---
MW7	12/11/96	---	---	---	---	---	---	---	---	---	1,100	---
MW7	03/19/97	---	---	---	---	---	---	---	---	---	580	---
MW7	06/04/97	---	---	---	---	---	---	---	---	---	780	---
MW7	09/02/97	---	---	---	---	---	---	---	---	---	740	---
MW7	12/21/00	---	Well destroyed.									
MW8	Prior to September 1987	---	Well installed.									
MW8	09/01/87 - 07/17/93	---	Not analyzed for these analytes.									
MW8	08/11/93	---	---	---	---	---	---	---	---	ND	---	---
MW8	09/01/93 - 03/21/00	---	Not analyzed for these analytes.									
MW8	12/21/00	---	Well destroyed.									
MW9	Prior to May 1988	---	Well installed.									
MW9	May 1988	---	---	---	---	---	---	---	---	ND	---	---
MW9	12/06/89	---	---	---	---	---	---	---	---	ND	---	<5,000
MW9	02/20/90	---	---	---	---	---	---	---	---	ND	---	---

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

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



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

Well ID	Sampling Date	Depth (feet)	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Ethanol (µg/L)	VOCs (µg/L)	EHCss (µg/L)	TOG (µg/L)
MW14	02/14/96	---	---	---	---	---	---	---	---	---	680	---
MW14	06/19/96	---	---	---	---	---	---	---	---	---	670	---
MW14	09/24/96	---	---	---	---	---	---	---	---	---	4,500	---
MW14	12/11/96	---	---	---	---	---	---	---	---	---	750	---
MW14	03/19/97	---	---	---	---	---	---	---	---	---	470	---
MW14	06/04/97	---	---	---	---	---	---	---	---	---	590	---
MW14	09/02/97 - 03/26/04	---	Not analyzed for these analytes.									---
MW14	09/02/97	---	---	---	---	---	---	---	---	---	1,300	---
MW14	03/26/04	---	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
MW14	11/02/04	---	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
MW14	02/04/05	---	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
MW14	05/02/05	---	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<100	---	---	---
MW14	08/01/05	---	<0.50	1.90	<0.50	<10.0	<0.50	<0.50	<100	---	---	---
MW14	10/25/05	---	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	---	---	---	---
MW14	01/24/06	---	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<100	---	---	---
MW14	04/28/06	---	<0.50	<0.50	<0.50	<20n	<0.50	<0.50	<100	---	---	---
MW14	08/04/06	---	<0.500	1.39	<0.500	<10.0	<0.500	<0.500	<50.0	---	---	---
MW14	10/06/06	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<100	---	---	---
MW14	01/12/07	---	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<100	---	---	---
MW14	04/09/07	---	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<50.0	---	---	---
MW14	08/06/07	---	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<100	---	---	---
MW14	11/15/07	---	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<100	---	---	---
MW14	01/02/08	---	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<100	---	---	---
MW14	04/03/08	---	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<100	---	---	---
MW14	07/09/08	---	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<100	---	---	---
MW14	10/01/08	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW14	01/07/09	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW14	01/16/09	---	---	---	---	---	---	---	---	---	---	---
MW14	04/24/09	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW14	07/01/09	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW14	10/01/09	---	---	---	---	---	---	---	---	---	---	---
MW14	03/04/10	---	---	---	---	---	---	---	---	---	---	---
MW14	05/06/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW14	08/06/10	---	---	---	---	---	---	---	---	---	---	---
MW14	11/02/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
<b>MW14</b>	<b>04/22/11</b>	---	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;5.0</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;50</b>	---	---	---
MW15	Prior to 11/27/90	---	Well installed.									---
MW15	08/11/93	---	---	---	---	---	---	---	---	ND	---	---
MW15	09/01/93 - 12/21/00	---	Not analyzed for these analytes.									---

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

Well ID	Sampling Date	Depth (feet)	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Ethanol (µg/L)	VOCs (µg/L)	EHCss (µg/L)	TOG (µg/L)
MW15	12/21/00	---	Well destroyed.									
MW16A	10/01/09	---	<2.0	<2.0	<2.0	<20	<2.0	<2.0	<200	---	---	---
MW16A	03/04/10	---	<0.50	<0.50	<0.50	28	<0.50	<0.50	<50	---	---	---
MW16A	05/06/10	---	<0.50	<0.50	<0.50	19	<0.50	<0.50	<50	---	---	---
MW16A	08/06/10	---	<0.50	<0.50	<0.50	5.6	<0.50	<0.50	<50	---	---	---
MW16A	11/02/10	---	<0.50	0.54	<0.50	5.1	<0.50	<0.50	<50	---	---	---
<b>MW16A</b>	<b>04/22/11</b>	---	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;5.0</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;50</b>	---	---	---
MW16B	10/01/09	---	<2.0	<2.0	<2.0	<20	<2.0	<2.0	<200	---	---	---
MW16B	03/04/10	---	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<500	---	---	---
MW16B	05/06/10	---	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<500	---	---	---
MW16B	08/06/10	---	<0.50	1.1	<0.50	7.3	<0.50	<0.50	<50	---	---	---
MW16B	11/02/10	---	<0.50	1.0	<0.50	5.3	<0.50	<0.50	<50	---	---	---
<b>MW16B</b>	<b>04/22/11</b>	---	<b>&lt;4.0</b>	<b>&lt;4.0</b>	<b>&lt;4.0</b>	<b>&lt;40</b>	<b>&lt;4.0</b>	<b>&lt;4.0</b>	<b>&lt;400</b>	---	---	---
MW17A	10/01/09	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW17A	03/04/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW17A	05/06/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW17A	08/06/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW17A	11/02/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
<b>MW17A</b>	<b>04/22/11</b>	---	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;5.0</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;50</b>	---	---	---
MW17B	10/01/09	---	<0.50	1.2	1.2	5.3	<0.50	<0.50	<50	---	---	---
MW17B	03/04/10	---	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<500	---	---	---
MW17B	05/06/10	---	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<500	---	---	---
MW17B	08/06/10	---	<0.50	1.1	1.2	11	<0.50	<0.50	<50	---	---	---
MW17B	11/02/10	---	<0.50	1.0	1.2	<5.0	<0.50	<0.50	<50	---	---	---
<b>MW17B</b>	<b>04/22/11</b>	---	<b>&lt;5.0</b>	<b>&lt;5.0</b>	<b>&lt;5.0</b>	<b>&lt;50</b>	<b>&lt;5.0</b>	<b>&lt;5.0</b>	<b>&lt;500</b>	---	---	---
MW18A	10/01/09	---	<0.50	<0.50	<0.50	20	<0.50	<0.50	<50	---	---	---
MW18A	03/04/10	---	<0.50	<0.50	<0.50	7.0	<0.50	<0.50	<50	---	---	---
MW18A	05/06/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW18A	08/06/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW18A	11/02/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
<b>MW18A</b>	<b>04/21/11</b>	---	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;5.0</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;50</b>	---	---	---
MW18B	10/01/09	---	<0.50	0.74	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW18B	03/04/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW18B	05/06/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW18B	08/06/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW18B	11/02/10	---	<0.50	<0.50	<0.50	6.0	<0.50	<0.50	<50	---	---	---

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

Well ID	Sampling Date	Depth (feet)	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Ethanol (µg/L)	VOCs (µg/L)	EHCss (µg/L)	TOG (µg/L)
<b>MW18B</b>	<b>04/21/11</b>	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19A	10/01/09	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19A	03/04/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19A	05/06/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19A	08/06/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19A	11/02/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
<b>MW19A</b>	<b>04/21/11</b>	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19B	10/01/09	---	<0.50	1.2	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19B	03/04/10	---	<0.50	1.4	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19B	05/06/10	---	<0.50	1.3	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19B	08/06/10	---	<0.50	1.4	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19B	11/02/10	---	<0.50	1.3	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
<b>MW19B</b>	<b>04/21/11</b>	---	<0.50	1.3	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
VW1	Prior to 02/18/93	---	Well installed.									
VW1	02/18/93 - Present	---	Not analyzed for these analytes.									
VW2	Prior to 02/18/93	---	Well installed.									
VW2	02/18/93 - Present	---	Not analyzed for these analytes.									
VW3	Prior to 02/18/93	---	Well installed.									
VW3	03/10/93 - Present	---	Not analyzed for these analytes.									
<b>Grab Groundwater Samples</b>												
<u>CPT Borings</u>												
W-18-CPT1	04/12/05	18	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
W-10-CPT2	04/13/05	10	<5.00	<5.00	<5.00	<100	<5.00	18.0	---	---	---	---
W-26-CPT2	04/13/05	26	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
W-10-CPT3	04/13/05	10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
W-29-CPT3	04/13/05	29	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
W-10-CPT4	04/12/05	10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
W-24-CPT4	04/12/05	24	<0.50	7.60	<0.50	<10.0	<0.50	<0.50	---	---	---	---
W-10-CPT5	04/12/05	10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
W-30-CPT6	04/11/05	30	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
W-30-CPT6	04/12/05	30	---	---	---	---	---	---	---	---	---	---
<u>Direct-Push Borings</u>												

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

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

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

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Notes:

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

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

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Notes (Cont.):

- o = Analyzed using EPA Method 624 (volatile organic compounds).
- p = Analyzed for Stoddard Solvent using EPA Method 5030/8015.
- q = Analyzed for Stoddard Solvent using modified EPA Method 5030/8015. Sample chromatogram was not representative of a Stoddard Solvent pattern. Pattern was representative of the heavier hydrocarbons found in a gasoline pattern.
- r = Stoddard Solution detected in the sample at approximately 320 parts per billion (ppb).
- s = Chloromethane.
- t = Analyte presence was not confirmed by second column or GC/MS analysis.

**TABLE 2A**  
**CUMULATIVE SOIL ANALYTICAL RESULTS**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

Sample ID	Associated Well/Boring	Sampling 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)
<b>Monitoring Wells</b>											
S-18-MW14	B31	10/31/90	18.0	<10	837	---	0.1	1.6	6	34	---
S-3-MW14	B31	10/31/90	3.0	<10	<1.0	---	0.005	0.005	0.005	<0.007	---
S-8-MW14	B31	10/31/90	8.0	<10	<1.0	---	0.005	0.005	0.005	<0.007	---
S-13.5-MW15	B32	10/31/90	13.5	<10	<1.0	---	0.005	0.005	0.005	<0.007	---
S-6-MW15	B32	10/31/90	6.0	<10	<1.0	---	0.005	0.005	0.005	<0.007	---
S-8.5-MW15	B32	10/31/90	8.5	<10	<1.0	---	0.005	0.005	0.005	<0.007	---
S-10.5-MW16A	MW16A	08/24/09	10.5	90a	1,200	<2.0	2	2	16	3.3	---
S-12.5-MW16A	MW16A	08/24/09	12.5	<5.0	2.3	<0.0050	0.005	0.005	0.005	<0.0050	---
S-5.0-MW16A	MW16A	08/20/09	5.0	<5.0	0.67a	<0.0050	0.005	0.005	0.005	<0.0050	---
S-10.5-MW16B	MW16B	08/24/09	10.5	5.6a	130	<0.50	0.5	0.5	1.9	1.0	---
S-16.5-MW16B	MW16B	08/25/09	16.5	<5.0	1.2	0.0060	0.005	0.005	0.005	<0.0050	---
S-20.5-MW16B	MW16B	08/25/09	20.5	<5.0	0.76	<0.0050	0.005	0.005	0.005	<0.0050	---
S-23.0-MW16B	MW16B	08/25/09	23.0	<5.0	<0.50	<0.0050	0.005	0.005	0.005	<0.0050	---
S-5.0-MW16B	MW16B	08/20/09	5.0	<5.0	3.6a	<0.0050	0.005	0.005	0.005	<0.0050	---
S-10.5-MW17A	MW17A	08/25/09	10.5	9.5a	110	<0.50	0.5	0.5	0.5	<0.50	---
S-12.5-MW17A	MW17A	08/25/09	12.5	<5.0	56	<0.50	0.5	0.5	0.5	<0.50	---
S-5.0-MW17A	MW17A	08/20/09	5.0	<5.0	<0.50	<0.0050	0.005	0.005	0.005	<0.0050	---
S-10.5-MW17B	MW17B	08/25/09	10.5	<5.0	0.92	<0.0050	0.005	0.005	0.005	<0.0050	---
S-17.0-MW17B	MW17B	08/25/09	17.0	<5.0	<0.50	0.0082	0.005	0.005	0.005	<0.0050	---
S-20.5-MW17B	MW17B	08/25/09	20.5	<5.0	<0.50	0.0096	0.005	0.005	0.005	<0.0050	---
S-23.0-MW17B	MW17B	08/25/09	23.0	<5.0	<0.50	0.0060	0.005	0.005	0.005	<0.0050	---
S-24.5-MW17B	MW17B	08/25/09	24.5	<5.0	<0.50	<0.0050	0.005	0.005	0.005	<0.0050	---
S-5.5-MW17B	MW17B	08/18/09	5.5	6.1	<0.50	<0.0050	0.005	0.005	0.005	<0.0050	---
S-10.5-MW18A	MW18A	08/26/09	10.5	<5.0	<0.50	<0.0050	0.005	0.005	0.005	<0.0050	---
S-12.5-MW18A	MW18A	08/26/09	12.5	14	1.8	<0.0050	0.005	0.005	0.005	<0.0050	---
S-5-MW18A	MW18A	08/17/09	5.0	<5.0	<0.50	<0.0050	0.005	0.005	0.005	<0.0050	---
S-10.5-MW18B	MW18B	08/25/09	10.5	2,700	990	<1.0	1	1	1	<1.0	---
S-12.5-MW18B	MW18B	08/25/09	12.5	940	950	<1.0	1	1	1	<1.0	---
S-17.0-MW18B	MW18B	08/25/09	17.0	<5.0	<0.50	<0.50	0.5	0.5	0.5	<0.50	---
S-21.0-MW18B	MW18B	08/25/09	21.0	<5.0	<0.50	<0.0050	0.005	0.005	0.005	<0.0050	---
S-27.0-MW18B	MW18B	08/25/09	27.0	<5.0	<0.50	<0.0050	0.005	0.005	0.005	<0.0050	---
S-29.0-MW18B	MW18B	08/25/09	29.0	<5.0	<0.50	<0.0050	0.005	0.005	0.005	<0.0050	---
S-30.5-MW18B	MW18B	08/25/09	30.5	<5.0	<0.50	<0.0050	0.005	0.005	0.005	<0.0050	---
S-5-MW18B	MW18B	08/17/09	5.0	<5.0	<0.50	<0.0050	0.005	0.005	0.005	<0.0050	---

**TABLE 2A**  
**CUMULATIVE SOIL ANALYTICAL RESULTS**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

Sample ID	Associated Well/Boring	Sampling 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)
S-10.5-MW19A	MW19A	08/26/09	10.5	110a	1900	<0.50	0.5	0.5	19	20	---
S-12.5-MW19A	MW19A	08/26/09	12.5	<5.0	<0.50	<0.0050	0.005	0.005	0.005	<0.0050	---
S-5.0-MW19A	MW19A	08/18/09	5.0	<5.0	<0.50	<0.0050	0.005	0.005	0.005	<0.0050	---
S-10.5-MW19B	MW19B	08/26/09	10.5	<5.0	36	<0.50	0.5	0.5	0.5	<0.50	---
S-16.0-MW19B	MW19B	08/26/09	16.0	<5.0	0.55	<0.0050	0.005	0.005	0.005	<0.0050	---
S-20.5-MW19B	MW19B	08/26/09	20.5	<5.0	<0.50	<0.0050	0.005	0.005	0.005	<0.0050	---
S-22.5-MW19B	MW19B	08/26/09	22.5	<5.0	<0.50	<0.0050	0.005	0.005	0.005	<0.0050	---
S-24.5-MW19B	MW19B	08/26/09	24.5	<5.0	<0.50	<0.0050	0.005	0.005	0.005	<0.0050	---
S-5.0-MW19B	MW19B	08/18/09	5.0	<5.0	<0.50	<0.0050	0.005	0.005	0.005	<0.0050	---
<b>Soil Borings</b>											
S-7.5-B1	MW1	05/21/88	7.5	25	<10	---	0.05	0.05	0.15	<0.15	---
S-10-B2	MW2	09/10/87	10.0	---	9.97	---	4.14	0.09	1.09	0.38	---
S-10-B3	MW3	09/10/87	10.0	4,261	2,689	---	126	17	41	131	---
S-10-B4	MW4	09/10/87	10.0	2,938	209.9	---	14.9	0.5	6.4	11.1	---
S-10-B5	MW5	09/10/87	10.0	848	90.83	---	9.27	0.24	1.45	6.62	---
S-10-B6	MW6	09/10/87	10.0	---	448.0	---	5.7	3.7	14.1	63.2	---
S-10-B7	MW7	09/10/87	10.0	1,338	901.6	---	26.4	5.3	41.4	54.2	---
S-10-B8	MW8	09/10/87	10.0	---	0.48	---	0.05	0.05	0.05	<0.05	---
S-9-B9	MW9	05/12/88	10.0	---	<2	---	0.05	0.05	0.05	<0.05	---
S-10-B10	MW10	11/27/89	10.0	<10	<2	---	0.05	0.05	0.05	<0.05	---
S-10-B11	MW11	11/27/89	11.0	<10	<2	---	0.064	0.11	0.05	0.076	---
S-10-B12	MW12	11/28/89	10.0	16	3.1	---	0.86	0.09	0.18	0.17	---
S-7.5-B12	MW12	11/28/89	7.5	23	160	---	1.2	3.1	3.4	14	---
S-10-B13	MW13	11/28/89	10.0	<10	17	---	0.05	0.14	0.33	1.2	---
S-7.5-B13	MW13	11/28/89	7.5	<10	<2	---	0.05	0.12	0.05	0.10	---
S-10-B14	---	11/29/89	10.0	1,900	3,400	---	0.5	0.5	1.2	1.2	---
S-10-B15	---	11/28/89	10.0	82	180	---	1.4	4.4	3.6	16	---
S-5-B15	---	11/28/89	5.0	<10	130	---	2.2	7.2	2.2	11	---
S-7.5-B15	---	11/28/89	7.5	28	98	---	0.97	3.9	1.8	9.8	---



**TABLE 2A**  
**CUMULATIVE SOIL ANALYTICAL RESULTS**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

Sample ID	Associated Well/Boring	Sampling 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)
S-10-B16	---	11/28/89	10.0	110	380	---	4.2	11	8.4	35	---
S-5-B16	---	11/28/89	5.0	43	87	---	2.2	4.4	1.7	7.6	---
S-7.5-B16	---	11/28/89	7.5	1,500	1,100	---	9	60	23	109	---
S-10-B17	---	11/29/89	10.0	200	7.1	---	0.091	0.05	0.2	0.25	---
S-5-B17	---	11/29/89	5.0	<10	<2	---	0.05	0.05	0.05	<0.050	---
S-7.5-B17	---	11/29/89	7.5	<10	8.1	---	0.085	0.05	0.19	0.24	---
S-10-B18	---	11/29/89	10.0	2,000	130	---	0.93	0.36	2.8	11	---
S-5-B18	---	11/29/89	5.0	46	210	---	1.6	0.71	3.9	12	---
S-7.5-B18	---	11/29/89	7.5	270	210	---	2.4	0.5	4.8	20	---
S-10-B19	---	11/29/89	10.0	21	21	---	0.5	0.5	0.5	1.7	---
S-10-B20	---	11/29/89	10.0	360	3,100	---	5	5	64	120	---
S-3-B21	---	11/01/90	3.0	1,125	433	---	9	0.9	7.5	13	---
S-8-B21	---	11/01/90	8.0	2,112	1,084	---	22	3.5	31	100	---
S-5.5-B22	---	11/01/90	5.5	2,570	423	---	6.9	1	19	18	---
S-8-B22	---	11/01/90	8.0	210	3,232	---	31	123	137	493	---
S-3-B23	---	11/01/90	3.0	<10	20	---	0.5	0.08	0.41	0.70	---
S-8-B23	---	11/01/90	8.0	<10	277	---	2.4	3.5	7.2	28	---
S-5.5-B24	---	11/01/90	5.5	<10	<1.0	---	0.005	0.005	0.005	<0.007	---
S-8-B24	---	11/01/90	8.0	<10	80	---	0.7	0.26	0.005	0.70	---
S-5.5-B25	---	11/01/90	5.5	<10	<1.0	---	0.005	0.005	0.005	<0.007	---
S-8-B25	---	11/01/90	8.0	<10	15	---	0.27	0.05	0.17	0.75	---
S-5.5-B26	---	11/01/90	5.5	<10	<1.0	---	0.005	0.005	0.005	<0.007	---
S-8-B26	---	11/01/90	8.0	<10	<1.0	---	0.005	0.005	0.005	<0.007	---
S-5.5-B27	---	11/01/90	5.5	<10	12	---	0.17	0.05	1.7	0.91	---
S-8-B27	---	11/01/90	8.0	<10	608	---	8.1	2.7	19	30	---
S-3-B28	---	11/02/90	3.0	<10	22	---	1	1	0.43	2.5	---
S-8-B28	---	11/02/90	8.0	<10	1,295	---	10	45	52	156	---
S-5.5-B29	---	11/02/90	5.5	<10	1,931	---	31	122	84	240	---
S-8-B29	---	11/02/90	8.0	<10	1,262	---	14	68	49	153	---
S-5.5-B30	---	11/02/90	5.5	<10	1,069	---	20	39	44	116	---
S-8-B30	---	11/02/90	8.0	<10	1,118	---	9.3	62	47	143	---

**TABLE 2A**  
**CUMULATIVE SOIL ANALYTICAL RESULTS**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

Sample ID	Associated Well/Boring	Sampling 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)
S-3.5-B35	VW1	02/11/93	3.5	<5.0	<1	---	0.033	0.005	0.005	0.0062	---
S-6.5-B35	VW1	02/11/93	6.5	6.3	120	---	2	3.2	1.8	7.3	---
S-7.5-B35	VW1	02/11/93	7.5	30b	410	---	3.7	9.6	8.2	35	---
S-9-B35	VW1	02/11/93	9.0	12	950	---	7.6	28	21	89	---
S-4-B36	VW2	02/11/93	4.0	<5.0	1.7	---	0.023	0.005	0.005	0.021	---
S-7-B36	VW2	02/11/93	7.0	<5.0	<1	---	0.0054	0.005	0.005	<0.0050	---
S-9.5-B36	VW2	02/11/93	9.5	<5.0	160	---	0.65	0.34	2.3	5.2	---
S-4-B37	VW3	02/11/93	4.0	5.8	92	---	2.1	0.75	2.4	7.9	---
S-6-B37	VW3	02/11/93	6.0	21	220	---	2	5.6	5.8	21	---
S-7.5-B37	VW3	02/11/93	7.5	14	220	---	1.7	2.9	4.9	21	---
<b>CPT Borings</b>											
S-2-CPT1	---	04/06/05	2.0	155	<4.97	<0.0020	0.0038	0.005	0.005	<0.0050	---
S-4-CPT1	---	04/06/05	4.0	539	<4.98	<0.0020	0.0057	0.005	0.005	0.0218	---
S-6-CPT1	---	04/06/05	6.0	270	<4.99	<0.0020	0.0056	0.005	0.005	0.0219	---
S-2-CPT2	---	04/07/05	2.0	<10.2	<5.01	<0.0020	0.001	0.005	0.005	<0.0050	---
S-4-CPT2	---	04/07/05	4.0	<10.0	<5.04	<0.0020	0.001	0.005	0.005	<0.0050	---
S-6-CPT2	---	04/07/05	6.0	59.6	<5.03	<0.0020	0.0053	0.005	0.005	0.0210	---
S-8-CPT2	---	04/07/05	8.0	77.7	<4.98	<0.0020	0.013	0.0053	0.005	0.0092	---
S-2-CPT3	---	04/07/05	2.0	402	<5.03	<0.0020	0.001	0.005	0.005	<0.0050	---
S-4-CPT3	---	04/07/05	4.0	73.2	<5.03	<0.0020	0.001	0.005	0.005	<0.0050	---
S-6-CPT3	---	04/07/05	6.0	177	<5.00	<0.0020	0.001	0.005	0.005	<0.0050	---
S-8-CPT3	---	04/07/05	8.0	33.0	<5.00	<0.0020	0.001	0.005	0.005	<0.0050	---
S-2-CPT4	---	04/07/05	2.0	<10.0	<5.02	<0.0020	0.0021	0.005	0.0094	<0.0050	---
S-4-CPT4	---	04/07/05	4.0	<9.92	<5.01	0.0029	0.0163	0.005	0.189	0.159	---
S-6-CPT4	---	04/07/05	6.0	10.3	52.7	0.0077	0.0288	0.0196	5.7	19.1	---
S-8-CPT4	---	04/07/05	8.0	17.3	62.3	0.0230	0.0413	0.0289	0.112	5.40	---
S-2-CPT5	---	04/07/05	2.0	<9.92	<5.01	<0.0020	0.0019	0.005	0.005	<0.0050	---
S-4-CPT5	---	04/07/05	4.0	12.0	<4.98	<0.0020	0.0025	0.005	0.005	<0.0050	---
S-6-CPT5	---	04/07/05	6.0	<9.92	<5.04	<0.0020	0.0011	0.005	0.005	<0.0050	---
S-8-CPT5	---	04/07/05	8.0	<10.1	<5.04	0.0046	0.001	0.005	0.005	<0.0050	---
S-2-CPT6	---	04/06/05	2.0	<9.98	<5.05	<0.0020	0.001	0.0051	0.0051	<0.0051	---
S-4-CPT6	---	04/06/05	4.0	<10.1	<5.02	<0.0020	0.001	0.005	0.005	<0.0050	---
S-6-CPT6	---	04/06/05	6.0	93.4	<5.02	<0.0020	0.001	0.005	0.005	<0.0050	---
S-8-CPT6	---	04/06/05	8.0	<9.88	<5.02	<0.0020	0.001	0.005	0.005	<0.0050	---

**TABLE 2A**  
**CUMULATIVE SOIL ANALYTICAL RESULTS**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

Sample ID	Associated Well/Boring	Sampling 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)
S-5-CPT7	---	12/11/06	5.0	<3.92	<0.502	<0.00200	0.002	0.002	0.002	<0.00500	---
S-5-CPT11	---	12/12/06	5.0	26a	<0.10	<0.0050	0.005	0.005	0.005	<0.0050	---
S-5-CPT12	---	12/11/06	5.0	<3.96	<0.498	<0.00200	0.002	0.002	0.002	<0.00500	---
<b>Hydropunch Samples</b>											
S-5-HP7	---	12/11/06	5.0	102a	<0.505	<0.00200	0.002	0.002	0.002	<0.00500	---
S-5-HP11	---	12/11/06	5.0	2.0a	<0.10	<0.0050	0.005	0.005	0.005	<0.0050	---
S-5-HP12	---	12/12/06	5.0	1.2a	<0.10	<0.0050	0.005	0.005	0.005	<0.0050	---
<b>Product Line Trench Samples</b>											
S3-Trench	---	04/28/87	3.0	434	---	---	0	0	0	---	---
S(3A+3B)	---	05/05/87	---	---	17.0	---	0	0	0	---	---
S(3C+3D)	---	05/05/87	---	---	4,299.0	---	0	0	0	---	---
S(3E+3F+3G)	---	05/05/87	---	---	545.70	---	0	0	0	---	---
S-1T	---	06/03/87	---	---	0.71	---	0	0	0	---	---
S-2T	---	06/03/87	---	---	1.70	---	0	0	0	---	---
S-3T	---	06/03/87	---	---	3.21	---	0	0	0	---	---
S-4T	---	06/03/87	---	---	0.44	---	0	0	0	---	---
S-1A	---	07/26/89	5.0	<5	---	---	0	0	0	---	---
S-1B	---	07/26/89	9.0	---	61	---	0	0	0	---	---
S-2A	---	08/04/89	9.0	---	3.8	---	0.05	0.05	0.05	<0.050	---
S-3A	---	08/04/89	9.0	4,200	290	---	0.77	0.15	0.3	0.63	---
S-4A	---	08/04/89	9.0	---	93	---	0.097	0.05	0.05	<0.050	---
<b>Dispenser Samples</b>											
S-10.5-DP1	---	04/14/05	10.5	33.0a	1,190	0.0111	4.78	6.67	32.9	130	---
S-2-DP1	---	04/07/05	2.0	<10.0	<5.01	<0.0020	0.0029	0.005	0.005	<0.0050	---
S-4-DP1	---	04/07/05	4.0	<10.1	<5.02	<0.0020	0.0139	0.005	0.0061	0.0223	---
S-6-DP1	---	04/07/05	6.0	28.3	65.0	<0.0020	0.089	0.0131	11.6	56.5	---
S-8-DP1	---	04/07/05	8.0	79.8	226	<0.100	0.743	1.24	6.34	17.5	---

**TABLE 2A**  
**CUMULATIVE SOIL ANALYTICAL RESULTS**  
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720 High Street  
Oakland, California

Sample ID	Associated Well/Boring	Sampling 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)
S-12-DP3	---	04/14/05	12.0	64.0a	26.3	<0.0020	0.0209	0.005	0.0079	0.0780	---
S-2-DP3	---	04/06/05	2.0	1,840	<5.02	<0.0020	0.001	0.005	0.005	<0.0050	---
S-4-DP3	---	04/06/05	4.0	<10.1	<5.02	<0.0020	0.001	0.005	0.005	<0.0050	---
S-6-DP3	---	04/06/05	6.0	<10.2	<5.03	<0.0020	0.001	0.005	0.005	<0.0050	---
S-8-DP3	---	04/06/05	8.0	<10.1	<5.00	<0.0020	0.001	0.005	0.005	<0.0050	---
S-9.5-DP3	---	04/14/05	9.5	<10.1	<4.95	<0.0020	0.001	0.005	0.005	<0.0050	---
S-10.5-DP4	---	04/14/05	10.5	50.0a	366	<0.0020	1.39	1.49	5.76	33.9	---
S-2-DP4	---	04/07/05	2.0	65.6	<5.00	<0.0020	0.0044	0.005	0.005	0.0091	---
S-4-DP4	---	04/07/05	4.0	<9.96	<5.05	<0.0020	0.0027	0.0051	0.0051	<0.0051	---
S-6-DP4	---	04/07/05	6.0	<10.2	<5.01	<0.0020	0.0114	0.005	0.136	1.55	---
S-8-DP4	---	04/07/05	8.0	11.1	12.4	<0.0020	0.026	0.0086	1.82	2.36	---
S-10.5-DP5	---	04/14/05	10.5	875a	842	<0.0020	4.61	1.14	7.9	1.75	---
S-2-DP5	---	04/07/05	2.0	12,000	16.7	<0.0020	7.79	0.0235	0.0116	0.0588	---
S-4-DP5	---	04/07/05	4.0	1,200	<4.98	<0.0020	0.128	0.005	0.01	0.0228	---
S-6-DP5	---	04/07/05	6.0	3,610	8.61	<0.0020	0.599	0.005	0.0095	0.0339	---
S-8-DP5	---	04/07/05	8.0	3,850	522	<0.0020	6.99	1.26	1.26	2.09	---
S-2-DP6	---	04/06/05	2.0	13.1	<5.05	<0.0020	0.001	0.0051	0.0051	<0.0051	---
S-4-DP6	---	04/06/05	4.0	36.4	<5.05	<0.0020	0.001	0.0051	0.0051	<0.0051	---
S-6-DP6	---	04/06/05	6.0	<20.4	<5.05	<0.0020	0.001	0.0051	0.0051	<0.0051	---
S-10-DP7	---	12/14/06	10.0	900	370	<0.050	0.05	0.05	0.05	0.056	---
S-15.5-DP7	---	12/14/06	15.5	<1.0	<0.10	<0.0050	0.005	0.005	0.005	<0.0050	---
S-20-DP7	---	12/14/06	20.0	6.4a	<0.10	<0.0050	0.005	0.005	0.005	<0.0050	---
S-25.5-DP7	---	12/14/06	25.5	5.6a	<0.10	0.011	0.005	0.005	0.005	<0.0050	---
S-29.5-DP7	---	12/14/06	29.5	3.5a	<0.10	<0.0050	0.005	0.005	0.005	<0.0050	---
S-5-DP7	---	12/08/06	5.0	245a	0.696	<0.00200	0.002	0.002	0.002	<0.00500	---
S-10-DP8	---	12/14/06	10.0	890	110	<0.050	0.05	0.05	0.05	<0.050	---
S-15-DP8	---	12/14/06	15.0	49a	120	<0.050	0.05	0.05	0.05	<0.050	---
S-19.5-DP8	---	12/14/06	19.5	2.9a	0.33	<0.0050	0.005	0.005	0.005	<0.0050	---
S-29.5-DP8	---	12/14/06	29.5	1.8a	<0.10	<0.0050	0.005	0.005	0.005	<0.0050	---
S-5-DP8	---	12/08/06	5.0	318a	<0.499	<0.00200	0.002	0.002	0.002	<0.00500	---
S-14.5-DP9	---	12/15/06	14.5	10a	0.21	<0.0050	0.005	0.005	0.005	<0.0050	---
S-20-DP9	---	12/15/06	20.0	5.7a	<0.10	<0.0050	0.005	0.005	0.005	<0.0050	---
S-25.5-DP9	---	12/15/06	25.5	16a	<0.10	<0.0050	0.005	0.005	0.005	<0.0050	---
S-29.5-DP9	---	12/15/06	29.5	4.1a	<0.10	<0.0050	0.005	0.005	0.005	<0.0050	---
S-5-DP9	---	12/11/06	5.0	465a	<0.495	<0.00200	0.00773	0.002	0.002	<0.00500	---
S-9.5-DP9	---	12/15/06	9.5	2,000a	61	<0.0050	0.005	0.005	0.005	0.013	---

**TABLE 2A**  
**CUMULATIVE SOIL ANALYTICAL RESULTS**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

Sample ID	Associated Well/Boring	Sampling 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)
<b>Old Tank Pit Samples</b>											
S-5-T1F	---	04/28/87	5.0	---	1,846	---	0.9	6.3	5.6	28	---
S-5-T1P	---	04/28/87	5.0	---	2,613	---	0.89	3	2.9	14	---
S-5-T2F	---	04/28/87	5.0	---	454	---	0.2	0.2	1.4	2.9	---
S-5-T2P	---	04/28/87	5.0	---	1,735	---	0.54	0.77	2.1	10	---
S-5-T3F	---	04/28/87	5.0	---	1,936	---	0.61	0.5	1.7	6.3	---
S-5-T3P	---	04/28/87	5.0	---	5,995	---	0.01	0.035	0.015	0.039	---
S-5-WOT	---	04/28/87	5.0	<5	---	---	0.21	0.2	0.6	2.7	---
S-8-N	---	05/05/87	8.0	---	96.8	---	0	0	0	---	---
S-10-E	---	05/05/87	10.0	---	186.6	---	0	0	0	---	---
S-7-S	---	05/05/87	7.0	---	13.55	---	0	0	0	---	---
S-6-W	---	05/05/87	6.0	---	8.69	---	0	0	0	---	---
S-16-S	---	05/06/87	16.0	---	0.86	---	0	0	0	---	---
S1	---	05/14/87	14.0	c	c	c	0	0	0	c	---
S2	---	05/14/87	14.0	c	c	c	0	0	0	c	---
S-14EE	---	05/15/87	14.0	---	---	---	20	40	60	180	---
<b>New Tank Pit Excavation</b>											
S-12-TPW1	---	01/15/91	12.0	<10	6.2	---	0.005	0.01	0.18	0.31	---
S-8-TPW2	---	01/15/91	8.0	<10	6.5	---	0.005	0.005	0.25	0.41	---
S-12-TPW4	---	01/15/91	12.0	<10	<1.0	---	0.005	0.005	0.005	<0.005	---
S-8-TPW5	---	01/15/91	8.0	<10	<1.0	---	0.005	0.005	0.005	<0.005	---
S-4-TPW6	---	01/15/91	4.0	<10	<1.0	---	0.005	0.005	0.005	<0.005	---
S-8-TPW8	---	01/15/91	8.0	<10	53	---	0.005	0.053	0.48	0.70	---
S-4-TPW9	---	01/15/91	4.0	<10	<1.0	---	0.005	0.005	0.005	0.010	---
S-12-TPW10	---	01/15/91	12.0	<10	19	---	0.005	0.15	0.25	0.86	---
S-8-TPW11	---	01/15/91	8.0	<10	8.8	---	0.005	0.017	0.13	0.36	---
S-4-TPW12	---	01/15/91	4.0	<10	<1.0	---	0.005	0.005	0.005	0.012	---
S-15-TPF1	---	01/15/91	15.0	<10	1.1	---	0.005	0.005	0.016	0.078	---
S-15-TPF2	---	01/15/91	15.0	<10	12	---	0.005	0.15	0.13	0.44	---
S-15-TPF3	---	01/15/91	15.0	<10	1.3	---	0.007	0.014	0.025	0.097	---
S-15-TPF4	---	01/15/91	15.0	<10	<1.0	---	0.005	0.005	0.005	<0.005	---
<b>Stockpile Soil Samples</b>											
SP-1 (A-D)	---	12/15/06	---	270	3.6	<0.0050	0.005	0.005	0.005	<0.0050	12
SP1-(1-4)	---	09/01/09	---	10	22	<0.50	0.5	0.5	0.5	<0.50	3.78

**TABLE 2A**  
**CUMULATIVE SOIL ANALYTICAL RESULTS**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

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Notes:	
S-2-CPT1	= Soil - Sample Depth - Sample Location.
TPHd	= Total petroleum hydrocarbons as diesel analyzed using EPA Method 8015B.
TPHg	= Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015B.
MTBE	= Methyl tertiary butyl ether analyzed using EPA Method 8260B.
BTEX	= Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 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.
1,2-DCA	= 1,2-dichloroethane analyzed using EPA Method 8260B.
EDB	= 1,2-dibromoethane analyzed using EPA Method 8260B.
DIPE	= Di-isopropyl ether analyzed using EPA Method 8260B.
Ethanol	= Ethanol analyzed using EPA Method 8260B.
Lead	= Lead analyzed using EPA Method 6010B.
feet bgs	= Feet below ground surface.
mg/kg	= Milligrams per kilogram.
<	= Less than the stated reporting limit.
a	= Result is not consistent with specified fuel.
b	= Hydrocarbons greater than C22 were detected, and 460 mg/kg of Oil and Grease analyzed using SM5520 were detected.
c	= Data missing from historical files.

**TABLE 2B**  
**ADDITIONAL CUMULATIVE SOIL ANALYTICAL RESULTS**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

Sample ID	Associated Well/Boring	Sampling Date	Depth (feet bgs)	EDB (mg/kg)	1,2-DCA (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	ETBE (mg/kg)	DIPE (mg/kg)	Ethanol (mg/kg)	Add'l VOCs (mg/kg)
<b>Monitoring Wells</b>											
S-18-MW14	B31	10/31/90	18.0	---	---	---	---	---	---	---	---
S-3-MW14	B31	10/31/90	3.0	---	---	---	---	---	---	---	---
S-8-MW14	B31	10/31/90	8.0	---	---	---	---	---	---	---	---
S-13.5-MW15	B32	10/31/90	13.5	---	---	---	---	---	---	---	---
S-6-MW15	B32	10/31/90	6.0	---	---	---	---	---	---	---	---
S-8.5-MW15	B32	10/31/90	8.5	---	---	---	---	---	---	---	---
S-10.5-MW16A	MW 16A	08/24/09	10.5	<2.0	<2.0	<4.0	<20	<4.0	<4.0	<100	---
S-12.5-MW16A	MW 16A	08/24/09	12.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-5.0-MW16A	MW 16A	08/20/09	5.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-10.5-MW16B	MW 16B	08/24/09	10.5	<0.50	<0.50	<1.0	<5.0	<1.0	<1.0	<25	---
S-16.5-MW16B	MW 16B	08/25/09	16.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-20.5-MW16B	MW 16B	08/25/09	20.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-23.0-MW16B	MW 16B	08/25/09	23.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-5.0-MW16B	MW 16B	08/20/09	5.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-10.5-MW17A	MW 17A	08/25/09	10.5	<0.50	<0.50	<1.0	<5.0	<1.0	<1.0	<25	---
S-12.5-MW17A	MW 17A	08/25/09	12.5	<0.50	<0.50	<1.0	<5.0	<1.0	<1.0	<25	---
S-5.0-MW17A	MW 17A	08/20/09	5.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-10.5-MW17B	MW 17B	08/25/09	10.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-17.0-MW17B	MW 17B	08/25/09	17.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-20.5-MW17B	MW 17B	08/25/09	20.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-23.0-MW17B	MW 17B	08/25/09	23.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-24.5-MW17B	MW 17B	08/25/09	24.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-5.5-MW17B	MW 17B	08/18/09	5.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-10.5-MW18A	MW 18A	08/26/09	10.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-12.5-MW18A	MW 18A	08/26/09	12.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-5-MW18A	MW 18A	08/17/09	5.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-10.5-MW18B	MW 18B	08/25/09	10.5	<1.0	<1.0	<2.0	<10	<2.0	<2.0	<50	---
S-12.5-MW18B	MW 18B	08/25/09	12.5	<1.0	<1.0	<2.0	<10	<2.0	<2.0	<50	---
S-17.0-MW18B	MW 18B	08/25/09	17.0	<0.50	<0.50	<1.0	<5.0	<1.0	<1.0	<25	---
S-21.0-MW18B	MW 18B	08/25/09	21.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-27.0-MW18B	MW 18B	08/25/09	27.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-29.0-MW18B	MW 18B	08/25/09	29.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-30.5-MW18B	MW 18B	08/25/09	30.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-5-MW18B	MW 18B	08/17/09	5.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---

**TABLE 2B**  
**ADDITIONAL CUMULATIVE SOIL ANALYTICAL RESULTS**  
 Former Exxon Service Station 73006  
 720 High Street  
 Oakland, California

Sample ID	Associated Well/Boring	Sampling Date	Depth (feet bgs)	EDB (mg/kg)	1,2-DCA (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	ETBE (mg/kg)	DIPE (mg/kg)	Ethanol (mg/kg)	Add'l VOCs (mg/kg)
S-10.5-MW 19A	MW19A	08/26/09	10.5	<0.50	<0.50	<1.0	<5.0	<1.0	<1.0	<25	---
S-12.5-MW 19A	MW19A	08/26/09	12.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-5.0-MW 19A	MW19A	08/18/09	5.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-10.5-MW 19B	MW19B	08/26/09	10.5	<0.50	<0.50	<1.0	<5.0	<1.0	<1.0	<25	---
S-16.0-MW 19B	MW19B	08/26/09	16.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-20.5-MW 19B	MW19B	08/26/09	20.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-22.5-MW 19B	MW19B	08/26/09	22.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-24.5-MW 19B	MW19B	08/26/09	24.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-5.0-MW 19B	MW19B	08/18/09	5.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
<b>Soil Borings</b>											
S-7.5-B1	MW1	05/21/88	7.5	---	---	---	---	---	---	---	---
S-10-B2	MW2	09/10/87	10.0	---	---	---	---	---	---	---	---
S-10-B3	MW3	09/10/87	10.0	---	---	---	---	---	---	---	---
S-10-B4	MW4	09/10/87	10.0	---	---	---	---	---	---	---	---
S-10-B5	MW5	09/10/87	10.0	---	---	---	---	---	---	---	---
S-10-B6	MW6	09/10/87	10.0	---	---	---	---	---	---	---	---
S-10-B7	MW7	09/10/87	10.0	---	---	---	---	---	---	---	---
S-10-B8	MW8	09/10/87	10.0	---	---	---	---	---	---	---	---
S-9-B9	MW9	05/12/88	10.0	---	---	---	---	---	---	---	---
S-10-B10	MW10	11/27/89	10.0	---	---	---	---	---	---	---	---
S-10-B11	MW11	11/27/89	11.0	---	---	---	---	---	---	---	---
S-10-B12	MW12	11/28/89	10.0	---	---	---	---	---	---	---	---
S-7.5-B12	MW12	11/28/89	7.5	---	---	---	---	---	---	---	---
S-10-B13	MW13	11/28/89	10.0	---	---	---	---	---	---	---	---
S-7.5-B13	MW13	11/28/89	7.5	---	---	---	---	---	---	---	---
S-10-B14	---	11/29/89	10.0	---	---	---	---	---	---	---	---
S-10-B15	---	11/28/89	10.0	---	---	---	---	---	---	---	---
S-5-B15	---	11/28/89	5.0	---	---	---	---	---	---	---	---
S-7.5-B15	---	11/28/89	7.5	---	---	---	---	---	---	---	---



**TABLE 2B**  
**ADDITIONAL CUMULATIVE SOIL ANALYTICAL RESULTS**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

Sample ID	Associated Well/Boring	Sampling Date	Depth (feet bgs)	EDB (mg/kg)	1,2-DCA (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	ETBE (mg/kg)	DIPE (mg/kg)	Ethanol (mg/kg)	Add'l VOCs (mg/kg)
S-10-B16	---	11/28/89	10.0	---	---	---	---	---	---	---	---
S-5-B16	---	11/28/89	5.0	---	---	---	---	---	---	---	---
S-7.5-B16	---	11/28/89	7.5	---	---	---	---	---	---	---	---
S-10-B17	---	11/29/89	10.0	---	---	---	---	---	---	---	---
S-5-B17	---	11/29/89	5.0	---	---	---	---	---	---	---	---
S-7.5-B17	---	11/29/89	7.5	---	---	---	---	---	---	---	---
S-10-B18	---	11/29/89	10.0	---	---	---	---	---	---	---	---
S-5-B18	---	11/29/89	5.0	---	---	---	---	---	---	---	---
S-7.5-B18	---	11/29/89	7.5	---	---	---	---	---	---	---	---
S-10-B19	---	11/29/89	10.0	---	---	---	---	---	---	---	---
S-10-B20	---	11/29/89	10.0	---	---	---	---	---	---	---	---
S-3-B21	---	11/01/90	3.0	---	---	---	---	---	---	---	---
S-8-B21	---	11/01/90	8.0	---	---	---	---	---	---	---	---
S-5.5-B22	---	11/01/90	5.5	---	---	---	---	---	---	---	---
S-8-B22	---	11/01/90	8.0	---	---	---	---	---	---	---	---
S-3-B23	---	11/01/90	3.0	---	---	---	---	---	---	---	---
S-8-B23	---	11/01/90	8.0	---	---	---	---	---	---	---	---
S-5.5-B24	---	11/01/90	5.5	---	---	---	---	---	---	---	---
S-8-B24	---	11/01/90	8.0	---	---	---	---	---	---	---	---
S-5.5-B25	---	11/01/90	5.5	---	---	---	---	---	---	---	---
S-8-B25	---	11/01/90	8.0	---	---	---	---	---	---	---	---
S-5.5-B26	---	11/01/90	5.5	---	---	---	---	---	---	---	---
S-8-B26	---	11/01/90	8.0	---	---	---	---	---	---	---	---
S-5.5-B27	---	11/01/90	5.5	---	---	---	---	---	---	---	---
S-8-B27	---	11/01/90	8.0	---	---	---	---	---	---	---	---
S-3-B28	---	11/02/90	3.0	---	---	---	---	---	---	---	---
S-8-B28	---	11/02/90	8.0	---	---	---	---	---	---	---	---
S-5.5-B29	---	11/02/90	5.5	---	---	---	---	---	---	---	---
S-8-B29	---	11/02/90	8.0	---	---	---	---	---	---	---	---
S-5.5-B30	---	11/02/90	5.5	---	---	---	---	---	---	---	---
S-8-B30	---	11/02/90	8.0	---	---	---	---	---	---	---	---

**TABLE 2B**  
**ADDITIONAL CUMULATIVE SOIL ANALYTICAL RESULTS**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

Sample ID	Associated Well/Boring	Sampling Date	Depth (feet bgs)	EDB (mg/kg)	1,2-DCA (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	ETBE (mg/kg)	DIPE (mg/kg)	Ethanol (mg/kg)	Add'l VOCs (mg/kg)
S-3.5-B35	VW1	02/11/93	3.5	---	---	---	---	---	---	---	---
S-6.5-B35	VW1	02/11/93	6.5	---	---	---	---	---	---	---	---
S-7.5-B35	VW1	02/11/93	7.5	---	---	---	---	---	---	---	---
S-9-B35	VW1	02/11/93	9.0	---	---	---	---	---	---	---	---
S-4-B36	VW2	02/11/93	4.0	---	---	---	---	---	---	---	---
S-7-B36	VW2	02/11/93	7.0	---	---	---	---	---	---	---	---
S-9.5-B36	VW2	02/11/93	9.5	---	---	---	---	---	---	---	---
S-4-B37	VW3	02/11/93	4.0	---	---	---	---	---	---	---	---
S-6-B37	VW3	02/11/93	6.0	---	---	---	---	---	---	---	---
S-7.5-B37	VW3	02/11/93	7.5	---	---	---	---	---	---	---	---
<b>CPT Borings</b>											
S-2-CPT1	---	04/06/05	2.0	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-4-CPT1	---	04/06/05	4.0	<0.0020	<0.00200	<0.0501	<0.0020	<0.0020	<0.0020	---	---
S-6-CPT1	---	04/06/05	6.0	<0.0020	<0.00199	<0.0497	<0.0020	<0.0020	<0.0020	---	---
S-2-CPT2	---	04/07/05	2.0	<0.0020	<0.00202	<0.0504	<0.0020	<0.0020	<0.0020	---	---
S-4-CPT2	---	04/07/05	4.0	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-6-CPT2	---	04/07/05	6.0	<0.0020	<0.00200	<0.0501	<0.0020	<0.0020	<0.0020	---	---
S-8-CPT2	---	04/07/05	8.0	<0.0020	<0.00200	<0.0500	<0.0020	<0.0020	<0.0020	---	---
S-2-CPT3	---	04/07/05	2.0	<0.0020	<0.00199	<0.0498	<0.0020	<0.0020	<0.0020	---	---
S-4-CPT3	---	04/07/05	4.0	<0.0020	<0.00198	<0.0496	<0.0020	<0.0020	<0.0020	---	---
S-6-CPT3	---	04/07/05	6.0	<0.0020	<0.00200	<0.0501	<0.0020	<0.0020	<0.0020	---	---
S-8-CPT3	---	04/07/05	8.0	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-2-CPT4	---	04/07/05	2.0	<0.0020	<0.00198	<0.0496	<0.0020	<0.0020	<0.0020	---	---
S-4-CPT4	---	04/07/05	4.0	<0.0020	<0.00202	<0.0505	<0.0020	<0.0020	<0.0020	---	---
S-6-CPT4	---	04/07/05	6.0	<0.0020	<0.00200	<0.0500	<0.0020	<0.0020	<0.0020	---	---
S-8-CPT4	---	04/07/05	8.0	<0.0020	<0.00199	0.0567	<0.0020	<0.0020	<0.0020	---	---
S-2-CPT5	---	04/07/05	2.0	<0.0020	<0.00199	<0.0497	<0.0020	<0.0020	<0.0020	---	---
S-4-CPT5	---	04/07/05	4.0	<0.0020	<0.00200	<0.0501	<0.0020	<0.0020	<0.0020	---	---
S-6-CPT5	---	04/07/05	6.0	<0.0020	<0.00198	<0.0495	<0.0020	<0.0020	<0.0020	---	---
S-8-CPT5	---	04/07/05	8.0	<0.0020	<0.00200	<0.0499	<0.0020	<0.0020	<0.0020	---	---
S-2-CPT6	---	04/06/05	2.0	<0.0020	<0.00200	<0.0499	<0.0020	<0.0020	<0.0020	---	---
S-4-CPT6	---	04/06/05	4.0	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-6-CPT6	---	04/06/05	6.0	<0.0020	<0.00202	<0.0504	<0.0020	<0.0020	<0.0020	---	---
S-8-CPT6	---	04/06/05	8.0	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-5-CPT7	---	12/11/06	5.0	<0.00200	<0.00200	<0.0500	<0.00200	<0.00500	<0.00200	---	---

**TABLE 2B**  
**ADDITIONAL CUMULATIVE SOIL ANALYTICAL RESULTS**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

Sample ID	Associated Well/Boring	Sampling Date	Depth (feet bgs)	EDB (mg/kg)	1,2-DCA (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	ETBE (mg/kg)	DIPE (mg/kg)	Ethanol (mg/kg)	Add'l VOCs (mg/kg)
S-5-CPT11	---	12/12/06	5.0	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-5-CPT12	---	12/11/06	5.0	<0.00200	<0.00200	<0.0500	<0.00200	<0.00500	<0.00200	---	---
<b>Hydropunch Samples</b>											
S-5-HP7	---	12/11/06	5.0	<0.00200	<0.00200	<0.0500	<0.00200	<0.00500	<0.00200	---	---
S-5-HP11	---	12/11/06	5.0	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-5-HP12	---	12/12/06	5.0	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
<b>Product Line Trench Samples</b>											
S3-Trench	---	04/28/87	3.0	---	---	---	---	---	---	---	---
S(3A+3B)	---	05/05/87	---	---	---	---	---	---	---	---	---
S(3C+3D)	---	05/05/87	---	---	---	---	---	---	---	---	---
S(3E+3F+3G)	---	05/05/87	---	---	---	---	---	---	---	---	---
S-1T	---	06/03/87	---	---	---	---	---	---	---	---	---
S-2T	---	06/03/87	---	---	---	---	---	---	---	---	---
S-3T	---	06/03/87	---	---	---	---	---	---	---	---	---
S-4T	---	06/03/87	---	---	---	---	---	---	---	---	---
S-1A	---	07/26/89	5.0	---	---	---	---	---	---	---	---
S-1B	---	07/26/89	9.0	---	---	---	---	---	---	---	---
S-2A	---	08/04/89	9.0	---	---	---	---	---	---	---	---
S-3A	---	08/04/89	9.0	---	---	---	---	---	---	---	---
S-4A	---	08/04/89	9.0	---	---	---	---	---	---	---	---
<b>Dispenser Samples</b>											
S-10.5-DP1	---	04/14/05	10.5	<0.0020	<0.00200	<0.0500	<0.0020	<0.0020	<0.0020	---	---
S-2-DP1	---	04/07/05	2.0	<0.0020	<0.00202	<0.0504	<0.0020	<0.0020	<0.0020	---	---
S-4-DP1	---	04/07/05	4.0	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-6-DP1	---	04/07/05	6.0	<0.0020	<0.00198	<0.0496	<0.0020	<0.0020	<0.0020	---	---
S-8-DP1	---	04/07/05	8.0	<0.100	<0.100	<2.50	<0.100	<0.100	<0.100	---	---
S-12-DP3	---	04/14/05	12.0	<0.0020	<0.00198	<0.0496	<0.0020	<0.0020	<0.0020	---	---
S-2-DP3	---	04/06/05	2.0	<0.0020	<0.00202	<0.0504	<0.0020	<0.0020	<0.0020	---	---
S-4-DP3	---	04/06/05	4.0	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-6-DP3	---	04/06/05	6.0	<0.0020	<0.00200	<0.0501	<0.0020	<0.0020	<0.0020	---	---
S-8-DP3	---	04/06/05	8.0	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-9.5-DP3	---	04/14/05	9.5	<0.0020	<0.00198	<0.0496	<0.0020	<0.0020	<0.0020	---	---

**TABLE 2B**  
**ADDITIONAL CUMULATIVE SOIL ANALYTICAL RESULTS**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

Sample ID	Associated Well/Boring	Sampling Date	Depth (feet bgs)	EDB (mg/kg)	1,2-DCA (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	ETBE (mg/kg)	DIPE (mg/kg)	Ethanol (mg/kg)	Add'l VOCs (mg/kg)
S-10.5-DP4	---	04/14/05	10.5	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-2-DP4	---	04/07/05	2.0	<0.0020	<0.00199	<0.0498	<0.0020	<0.0020	<0.0020	---	---
S-4-DP4	---	04/07/05	4.0	<0.0020	<0.00201	<0.0503	<0.0020	<0.0020	<0.0020	---	---
S-6-DP4	---	04/07/05	6.0	<0.0020	<0.00199	<0.0498	<0.0020	<0.0020	<0.0020	---	---
S-8-DP4	---	04/07/05	8.0	<0.0020	<0.00199	<0.0497	<0.0020	<0.0020	<0.0020	---	---
S-10.5-DP5	---	04/14/05	10.5	<0.0020	<0.00200	<0.0501	<0.0020	<0.0020	<0.0020	---	---
S-2-DP5	---	04/07/05	2.0	<0.0020	<0.00198	<0.0496	<0.0020	<0.0020	<0.0020	---	---
S-4-DP5	---	04/07/05	4.0	<0.0020	<0.00199	<0.0498	<0.0020	<0.0020	<0.0020	---	---
S-6-DP5	---	04/07/05	6.0	<0.0020	<0.00200	<0.0501	<0.0020	<0.0020	<0.0020	---	---
S-8-DP5	---	04/07/05	8.0	<0.0020	<0.00200	<0.0500	<0.0020	<0.0020	<0.0020	---	---
S-2-DP6	---	04/06/05	2.0	<0.0020	<0.00200	<0.0500	<0.0020	<0.0020	<0.0020	---	---
S-4-DP6	---	04/06/05	4.0	<0.0020	<0.00199	<0.0498	<0.0020	<0.0020	<0.0020	---	---
S-6-DP6	---	04/06/05	6.0	<0.0020	<0.00199	<0.0498	<0.0020	<0.0020	<0.0020	---	---
S-10-DP7	---	12/14/06	10.0	<0.050	<0.050	<0.20	<0.050	<0.050	<0.050	<1.0	---
S-15.5-DP7	---	12/14/06	15.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-20-DP7	---	12/14/06	20.0	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-25.5-DP7	---	12/14/06	25.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-29.5-DP7	---	12/14/06	29.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-5-DP7	---	12/08/06	5.0	<0.00200	<0.00200	<0.0500	<0.00200	<0.00500	<0.00200	---	---
S-10-DP8	---	12/14/06	10.0	<0.050	<0.050	<0.20	<0.050	<0.050	<0.050	<1.0	---
S-15-DP8	---	12/14/06	15.0	<0.050	<0.050	<0.20	<0.050	<0.050	<0.050	<1.0	---
S-19.5-DP8	---	12/14/06	19.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-29.5-DP8	---	12/14/06	29.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-5-DP8	---	12/08/06	5.0	<0.00200	<0.00200	<0.0500	<0.00200	<0.00500	<0.00200	---	---
S-14.5-DP9	---	12/15/06	14.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-20-DP9	---	12/15/06	20.0	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-25.5-DP9	---	12/15/06	25.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-29.5-DP9	---	12/15/06	29.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-5-DP9	---	12/11/06	5.0	<0.00200	<0.00200	<0.0500	<0.00200	<0.00500	<0.00200	---	---
S-9.5-DP9	---	12/15/06	9.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
<b>Old Tank Pit Samples</b>											
S-5-T1F	---	04/28/87	5.0	---	---	---	---	---	---	---	---
S-5-T1P	---	04/28/87	5.0	---	---	---	---	---	---	---	---
S-5-T2F	---	04/28/87	5.0	---	---	---	---	---	---	---	---
S-5-T2P	---	04/28/87	5.0	---	---	---	---	---	---	---	---
S-5-T3F	---	04/28/87	5.0	---	---	---	---	---	---	---	---
S-5-T3P	---	04/28/87	5.0	---	---	---	---	---	---	---	---
S-5-WOT	---	04/28/87	5.0	---	---	---	---	---	---	---	---

**TABLE 2B**  
**ADDITIONAL CUMULATIVE SOIL ANALYTICAL RESULTS**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

Sample ID	Associated Well/Boring	Sampling Date	Depth (feet bgs)	EDB (mg/kg)	1,2-DCA (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	ETBE (mg/kg)	DIPE (mg/kg)	Ethanol (mg/kg)	Add'l VOCs (mg/kg)
S-8-N	---	05/05/87	8.0	---	---	---	---	---	---	---	---
S-10-E	---	05/05/87	10.0	---	---	---	---	---	---	---	---
S-7-S	---	05/05/87	7.0	---	---	---	---	---	---	---	---
S-6-W	---	05/05/87	6.0	---	---	---	---	---	---	---	---
S-16-S	---	05/06/87	16.0	---	---	---	---	---	---	---	---
S1	---	05/14/87	14.0	---	---	---	---	---	---	---	---
S2	---	05/14/87	14.0	---	---	---	---	---	---	---	---
S-14EE	---	05/15/87	14.0	---	---	---	---	---	---	---	---
<b>New Tank Pit Excavation</b>											
S-12-TPW1	---	01/15/91	12.0	---	---	---	---	---	---	---	---
S-8-TPW2	---	01/15/91	8.0	---	---	---	---	---	---	---	---
S-12-TPW4	---	01/15/91	12.0	---	---	---	---	---	---	---	---
S-8-TPW5	---	01/15/91	8.0	---	---	---	---	---	---	---	---
S-4-TPW6	---	01/15/91	4.0	---	---	---	---	---	---	---	---
S-8-TPW8	---	01/15/91	8.0	---	---	---	---	---	---	---	---
S-4-TPW9	---	01/15/91	4.0	---	---	---	---	---	---	---	---
S-12-TPW10	---	01/15/91	12.0	---	---	---	---	---	---	---	---
S-8-TPW11	---	01/15/91	8.0	---	---	---	---	---	---	---	---
S-4-TPW12	---	01/15/91	4.0	---	---	---	---	---	---	---	---
S-15-TPF1	---	01/15/91	15.0	---	---	---	---	---	---	---	---
S-15-TPF2	---	01/15/91	15.0	---	---	---	---	---	---	---	---
S-15-TPF3	---	01/15/91	15.0	---	---	---	---	---	---	---	---
S-15-TPF4	---	01/15/91	15.0	---	---	---	---	---	---	---	---
<b>Stockpile Soil Samples</b>											
SP-1 (A-D)	---	12/15/06	---	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
SP1-(1-4)	---	09/01/09	---	<0.50	<0.50	<1.0	<5.0	<1.0	<1.0	---	ND

**TABLE 2B**  
**ADDITIONAL CUMULATIVE SOIL ANALYTICAL RESULTS**  
Former Exxon Service Station 73006  
720 High Street  
Oakland, California

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Notes:	
S-2-CPT1	= Soil - Sample Depth - Sample Location.
TPHd	= Total petroleum hydrocarbons as diesel analyzed using EPA Method 8015B.
TPHg	= Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015B.
MTBE	= Methyl tertiary butyl ether analyzed using EPA Method 8260B.
BTEX	= Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 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.
1,2-DCA	= 1,2-dichloroethane analyzed using EPA Method 8260B.
EDB	= 1,2-dibromoethane analyzed using EPA Method 8260B.
DIPE	= Di-isopropyl ether analyzed using EPA Method 8260B.
Ethanol	= Ethanol analyzed using EPA Method 8260B.
Lead	= Lead analyzed using EPA Method 6010B.
feet bgs	= Feet below ground surface.
mg/kg	= Milligrams per kilogram.
<	= Less than the stated reporting limit.
a	= Result is not consistent with specified fuel.
b	= Hydrocarbons greater than C22 were detected, and 460 mg/kg of Oil and Grease analyzed using SM5520 were detected.
c	= Data missing from historical files.

**APPENDIX A**

**CORRESPONDENCE**

ALAMEDA COUNTY  
**HEALTH CARE SERVICES**  
AGENCY  
ALEX BRISCOE, Director



ENVIRONMENTAL HEALTH DEPARTMENT  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

April 29, 2011

Jennifer Sedlachek  
Exxon Mobil  
4096 Piedmont Avenue #194  
Piedmont, CA 94611  
(Sent via E-mail to: [jennifer.c.sedlachek@exxonmobil.com](mailto:jennifer.c.sedlachek@exxonmobil.com))

Victor and Lye Chu  
3915 Forest Hill Ave.  
Oakland, CA 94602

Mohammed Mashoon  
Mash Petroleum  
428 13<sup>th</sup> Street, 10<sup>th</sup> Floor  
Oakland, CA 94612  
(Sent via E-mail to: [mashpetroleum@yahoo.com](mailto:mashpetroleum@yahoo.com))

Subject: Work Plan Request for Fuel Leak Case No. RO0000491 and GeoTracker Global ID T0600100552, EXXON #7-3006, 720 High Street, Oakland, CA 94601

Dear Ms. Sedlachek and Messrs. Mashoon and Chu:

Thank you for the recently submitted document entitled *Site Assessment Report* dated October 19, 2009, which was prepared by Environmental Resolutions Inc., for the subject site. Alameda County Environmental Health (ACEH) staff has reviewed the case file including the above-mentioned report and has determined that additional work is needed to define the off-site extent of contamination.

Work to date has consisted of on-site investigation and remediation of floating product at the site. Remediation consisted of operation of an on-site air-sparge system from 1996 to 1999 and a biosparge system from 2001 to 2003. Confirmation borings were advanced in 2005. Off-site boring (CPT-2) had a detection of 1,060,000 micrograms per liter ( $\mu\text{g/L}$ ) total petroleum hydrocarbons as gasoline (TPHg) and over 1,380  $\mu\text{g/L}$  benzene in groundwater at 10 feet below ground surface (bgs). The investigation shows that although on-site remediation has been performed, significant off-site contamination is present and its extent is undefined. Additionally, sampling at the downgradient Ekotek site in 2010 detected hydrocarbons at concentrations of 46,000  $\mu\text{g/L}$  TPHg and 58,000  $\mu\text{g/L}$  TPHd that potentially originate from your site. Therefore, an investigation as to the off-site extent of petroleum hydrocarbons is needed.

ACEH requests that you address the following technical comments and send us the report requested below.



### **TECHNICAL COMMENTS**

1. **Off-Site Petroleum Hydrocarbons** – Previous work performed by Exxon-Mobil off-site indicates that petroleum hydrocarbons are present in free-product range. As discussed above, groundwater concentrations from samples collected in boring CPT-2 indicate TPHg was detected at 1,060,000 parts per billion (ppb) and benzene at 1,380 ppb. ACEH approved a work plan to investigate this contamination on August 5, 2008. However, the wells have yet to be installed due to Caltrans restrictions for work during the High Street project.

In 2009, East Bay Municipal Utility District was required to move a sewer line downgradient of the Exxon/Mobil site for the Caltrans High Street project. Petroleum hydrocarbons were encountered and the Regional Water Quality Control Board required the Ekotek Lube site at 4200 Alameda Avenue, Oakland, CA to advance soil borings south of Highway 880 to investigate the petroleum hydrocarbons. The results from boring SB-8 revealed 46,000 µg/L TPHg and 58,000 µg/L TPHd. This boring is downgradient of the Exxon/Mobil site and from the free product which was detected in CPT-2. The chromatogram suggests that these hydrocarbons differ from the constituents detected at the Ekotek site, indicating Ekotek is not the source. Therefore, additional investigation is needed in this area to determine the downgradient extent of the petroleum hydrocarbons originating from the Exxon/Mobil site. Please prepare a work plan to evaluate the extent of contamination downgradient of your site by the due date requested below.

2. **Contaminant Source Area Characterization** – On-site petroleum hydrocarbons remain near the former waste-oil tank at concentrations of up to 3,100 mg/kg TPHg and 1,338 mg/kg TPHd. Groundwater concentrations remain elevated in this area (MW-7) and had increased before the well was destroyed in 2000 and no remediation was performed here. Also no apparent volatile organic analysis was performed adjacent to the waste oil UST and no vapor survey has been performed at the site. Please address these aspects in the work plan requested below.
3. **Groundwater Contaminant Plume Monitoring** – Please reduce groundwater monitoring to semi-annual for all site wells and report on a semi-annual basis.

### **TECHNICAL REPORT REQUEST**

Please submit technical reports to ACEH (Attention: Barbara Jakub), according to the following schedule:

- **July 15, 2011** – Soil and Water Investigation Work Plan
- **July 31, 2011** – Semi-annual Monitoring Report (2nd Quarter 2011)
- **December 30, 2011** – Semi-annual Monitoring Report (4th Quarter 2012)

Ms. Sedlachek and Messrs. Mashoon and Chu:  
RO0000491  
April 29, 2011, Page 3

Thank you for your cooperation. Should you have any questions or concerns regarding this correspondence or your case, please call me at (510) 639-1287 or send me an electronic mail message at [barbara.jakub@acgov.org](mailto:barbara.jakub@acgov.org).

Sincerely,



Digitally signed by Barbara J. Jakub  
DN: cn=Barbara J. Jakub, o, ou,  
email=barbara.jakub@acgov.org,  
c=US  
Date: 2011.04.29 11:36:34 -07'00'

Barbara J. Jakub, P.G.  
Hazardous Materials Specialist

Enclosure: Responsible Party(ies) Legal Requirements/Obligations  
ACEH Electronic Report Upload (ftp) Instructions

cc: Paula Sime, Environmental Resolutions, Inc., 601 North McDowell Blvd. Petaluma, CA 94954 (*Sent via E-mail to: [psime@ERI-US.com](mailto:psime@ERI-US.com)*)  
Mansour Sepehr, Ph.D., P.E., SOMA Environmental Engineering, Incorporated, 6620 Owens Drive, Suite A, Pleasanton, California 94588 (*Sent via E-mail to: [msepehr@somaenv.com](mailto:msepehr@somaenv.com)*)  
Leroy Griffin, Oakland Fire Department, 250 Frank H. Ogawa Plaza, Ste. 3341, Oakland, CA 94612-2032 (*Sent via E-mail to: [lgriffin@oaklandnet.com](mailto:lgriffin@oaklandnet.com)*)  
Donna Drogos, ACEH (*Sent via E-mail to: [donna.drogos@acgov.org](mailto:donna.drogos@acgov.org)*)  
Barbara Jakub, ACEH (*Sent via E-mail to: [barbara.jakub@acgov.org](mailto:barbara.jakub@acgov.org)*)  
GeoTracker, e-file

## Responsible Party(ies) Legal Requirements/Obligations

### REPORT REQUESTS

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

### ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) GeoTracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the GeoTracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in GeoTracker (in PDF format). Please visit the SWRCB website for more information on these requirements ([http://www.waterboards.ca.gov/water\\_issues/programs/ust/electronic\\_submittal/](http://www.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/)).

### PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "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." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

### PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

### UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

### AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

<b>Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)</b>	<b>REVISION DATE:</b> July 20, 2010
	<b>ISSUE DATE:</b> July 5, 2005
	<b>PREVIOUS REVISIONS:</b> October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010
<b>SECTION:</b> Miscellaneous Administrative Topics & Procedures	<b>SUBJECT:</b> Electronic Report Upload (ftp) Instructions

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

## REQUIREMENTS

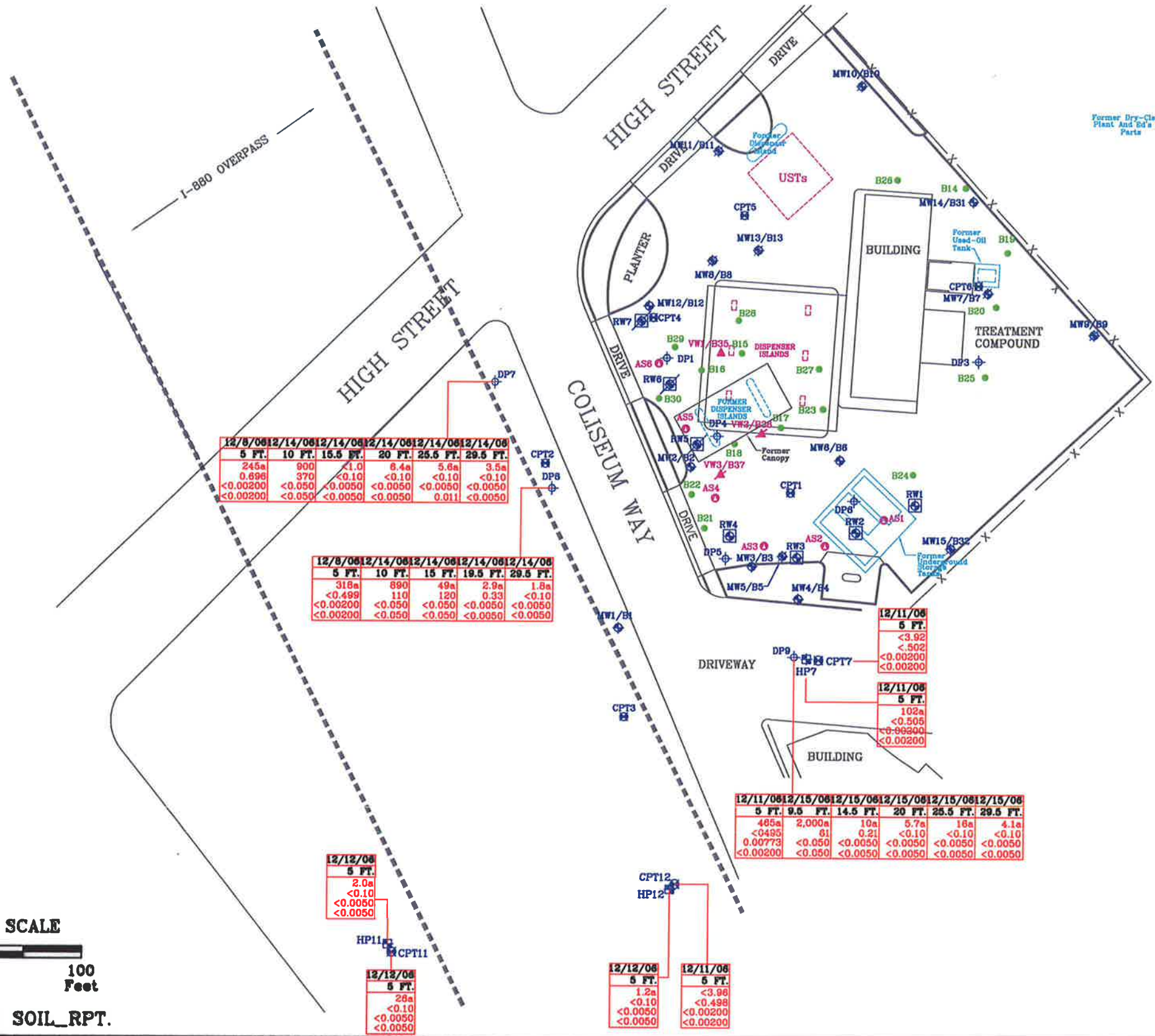
- **Please do not submit reports as attachments to electronic mail.**
- Entire report including cover letter must be submitted to the ftp site as a **single portable document format (PDF) with no password protection.**
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- **Signature pages and perjury statements must be included and have either original or electronic signature.**
- **Do not password protect the document.** Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:  
RO#\_Report Name\_Year-Month-Date (e.g., RO#5555\_WorkPlan\_2005-06-14)

## Submission Instructions

- 1) Obtain User Name and Password:
  - a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
    - i) Send an e-mail to [deh.loptoxic@acgov.org](mailto:deh.loptoxic@acgov.org)
  - b) In the subject line of your request, be sure to include "**ftp PASSWORD REQUEST**" and in the body of your request, include the **Contact Information, Site Addresses, and the Case Numbers (RO# available in Geotracker) you will be posting for.**
- 2) Upload Files to the ftp Site
  - a) Using Internet Explorer (IE4+), go to <ftp://alcoftp1.acgov.org>
    - (i) Note: Netscape, Safari, and Firefox browsers will not open the FTP site.
  - b) Click on Page located on the Command bar on upper right side of window, and then scroll down to Open FTP Site in Windows Explorer.
  - c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
  - d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
  - e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.
- 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
  - a) Send email to [deh.loptoxic@acgov.org](mailto:deh.loptoxic@acgov.org) notify us that you have placed a report on our ftp site.
  - b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
  - c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload) If site is a new case without an RO#, use the street address instead.
  - d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.

## **APPENDIX B**

### **HISTORICAL SOIL AND GROUNDWATER ANALYTICAL MAPS**



12/8/06 12/14/06 12/14/06 12/14/06 12/14/06 12/14/06						
5 FT.	10 FT.	15.5 FT.	20 FT.	25.5 FT.	29.5 FT.	
245a	900	<1.0	8.4a	5.6a	3.5a	
0.696	370	<0.10	<0.10	<0.10	<0.10	
<0.00200	<0.050	<0.0050	<0.0050	<0.0050	<0.0050	
<0.00200	<0.050	<0.0050	<0.0050	0.011	<0.0050	

12/8/06 12/14/06 12/14/06 12/14/06 12/14/06					
5 FT.	10 FT.	15 FT.	19.5 FT.	29.5 FT.	
318a	690	49a	2.9a	1.8a	
<0.499	110	120	0.33	<0.10	
<0.00200	<0.050	<0.050	<0.0050	<0.0050	
<0.00200	<0.050	<0.050	<0.0050	<0.0050	

12/11/06	
5 FT.	
<3.92	
<.502	
<0.00200	
<0.00200	

12/11/06	
5 FT.	
102a	
<0.505	
<0.00200	
<0.00200	

12/11/06 12/15/06 12/15/06 12/15/06 12/15/06 12/15/06						
5 FT.	9.5 FT.	14.5 FT.	20 FT.	25.5 FT.	29.5 FT.	
485a	2,000a	10a	5.7a	18a	4.1a	
<0.485	81	0.21	<0.10	<0.10	<0.10	
0.00773	<0.050	<0.0050	<0.0050	<0.0050	<0.0050	
<0.00200	<0.050	<0.0050	<0.0050	<0.0050	<0.0050	

12/12/06	
5 FT.	
2.0a	
<0.10	
<0.0050	
<0.0050	

12/12/06	
5 FT.	
29a	
<0.10	
<0.0050	
<0.0050	

12/12/06	
5 FT.	
1.2a	
<3.96	
<0.10	
<0.498	
<0.0050	
<0.0050	

12/11/06	
5 FT.	
<3.96	
<0.498	
<0.00200	
<0.00200	



FN 2010 08 R30 SOIL\_RPT.

Analyte Concentrations in mg/kg

12/15/06	Sample Date
9.5 FT.	Sample Depth
2,000a	Total Petroleum Hydrocarbons as diesel
81	Total Petroleum Hydrocarbons as gasoline
<0.050	Benzene
<0.050	Methyl Tertiary Butyl Ether
<	Less Than the Stated Laboratory Reporting Limit
mg/kg	Milligrams per kilogram
a	TPHG result is not consistent with diesel fuel.

**RESIDUAL HYDROCARBONS IN SOIL**  
**December 8 through 15, 2006**  
 FORMER EXXON SERVICE STATION 73006  
 720 High Street  
 Oakland, California

**EXPLANATION**

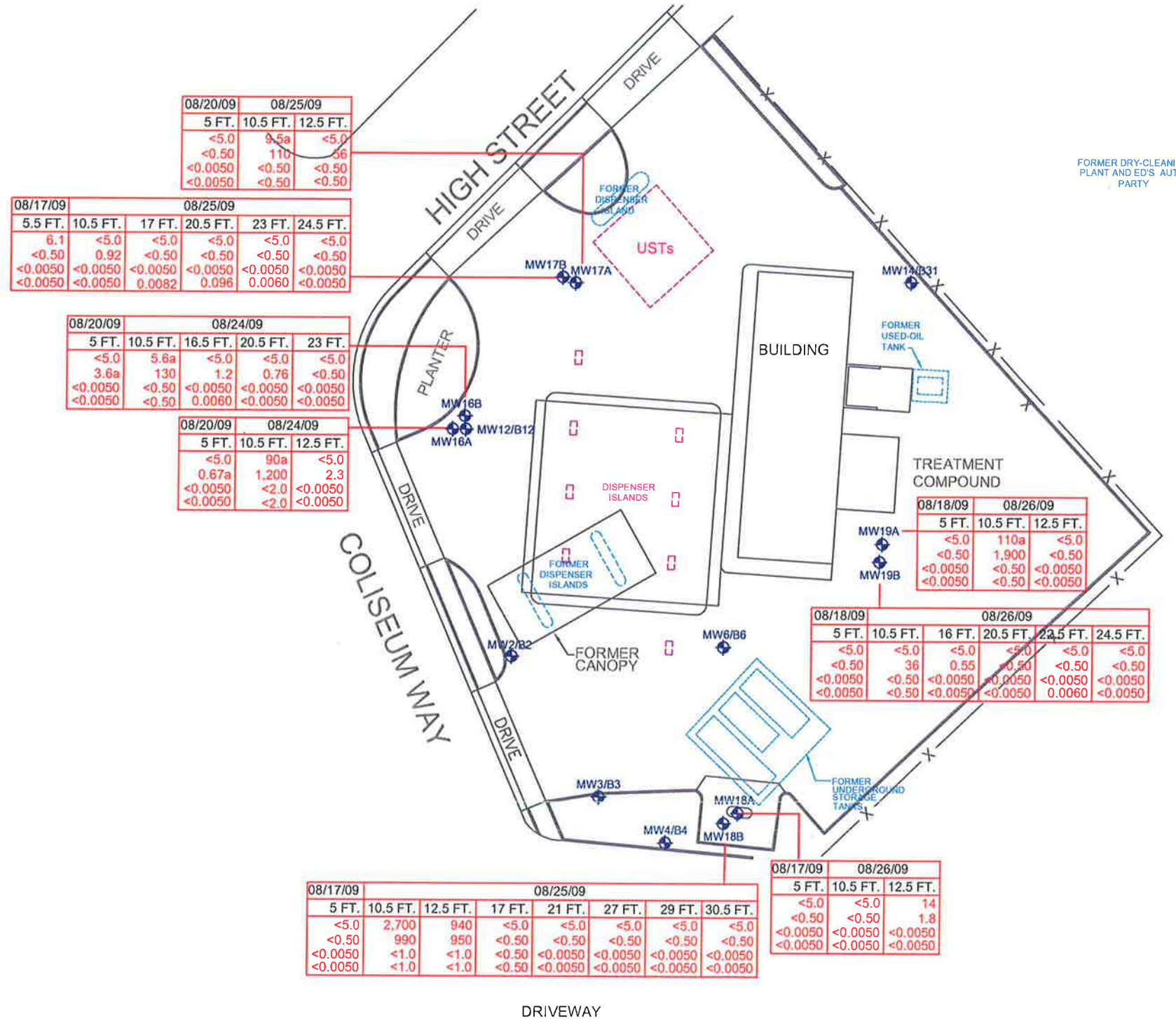
- MW14 Groundwater Monitoring Well
- B30 Soil Boring/Soil Sample
- AS6 Air Sparge Well
- RW4 Recovery Well
- DP9 Direct Push Boring
- CPT12 Cone Penetrometer Test Boring
- HP12 Hydropunch Boring
- VW1/B35 Soil Vapor Extraction Well
- RW7 Destroyed Recovery Well
- MW15 Destroyed Groundwater Monitoring Well
- VW3/B37 Soil Vapor Extraction Well

**PROJECT NO.**  
 2010  
**APPENDIX**  
 B

Analyte Concentrations in mg/kg

Sample Date  
 Sample Depth  
 Total Petroleum Hydrocarbons as diesel  
 Total Petroleum Hydrocarbons as gasoline  
 Benzene  
 Methyl Tertiary Butyl Ether

< Less Than the Stated Laboratory Reporting Limit  
 mg/kg Milligrams per kilogram  
 a Result is not consistent with specified fuel



APPROXIMATE SCALE



FN 09 R31 SOIL\_RPT.



# SELECT SOIL ANALYTICAL RESULTS

FORMER  
 EXXON SERVICE STATION 73006  
 720 High Street  
 Oakland, California

## EXPLANATION

MW19B  
 Groundwater Monitoring Well

PROJECT NO.

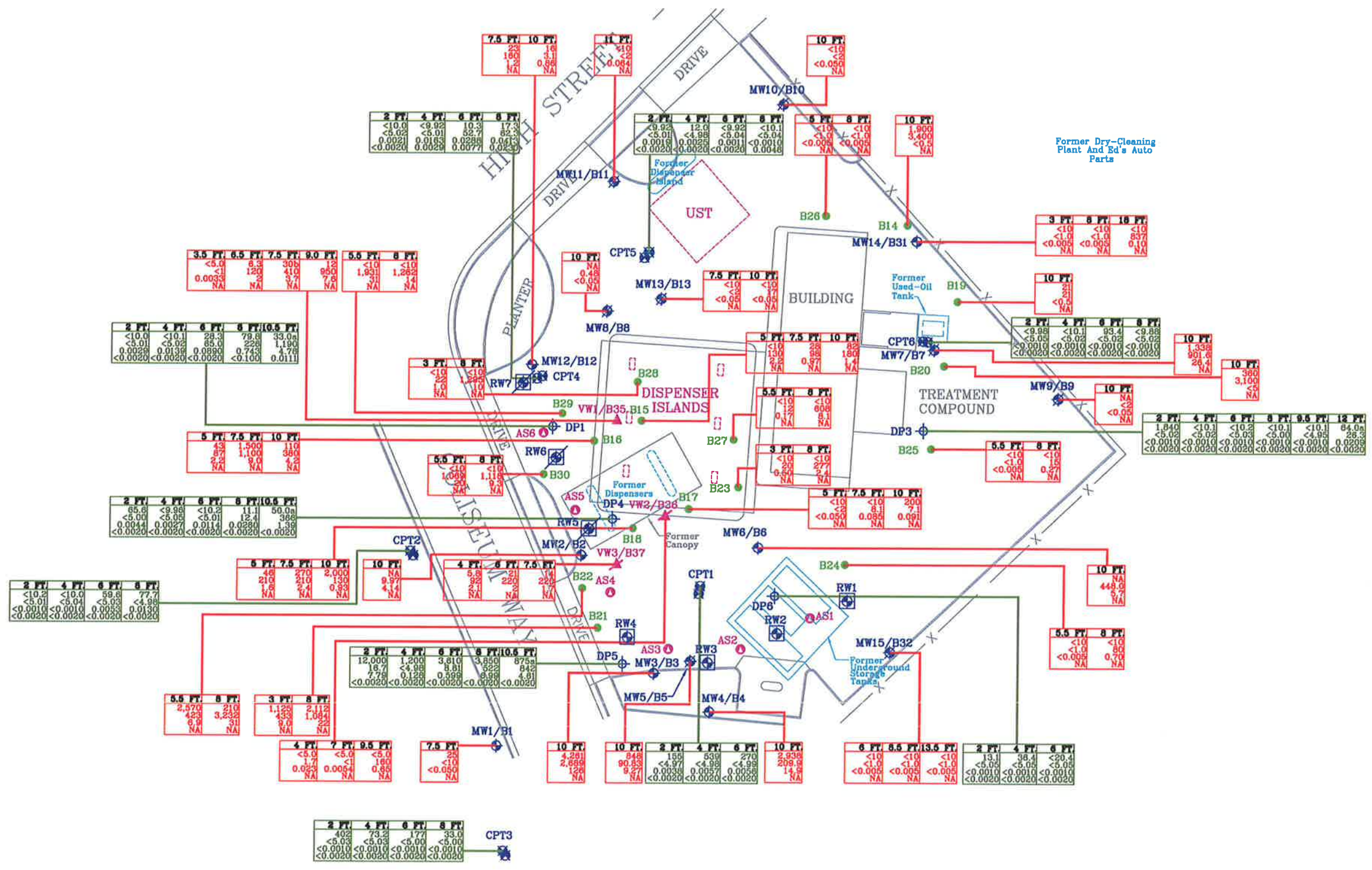
2010

PLATE

3

2005 Investigation results

12,000	Sample Depth
16.7	Total Petroleum Hydrocarbons as diesel
7.79	Total Petroleum Hydrocarbons as gasoline
<0.0020	Benzene
<	Methyl Tertiary Butyl Ether
<	Less Than the Stated Laboratory Reporting Limit
mg/Kg	Milligrams per Kilogram
NA	Not Analyzed
a	TPHd result was not consistent with diesel fuel.
b	Hydrocarbons greater than C22 were detected. 460 mg/Kg Oil and Grease by SM5520 detected.



FN 20100006\_SCM\_SP



**RESIDUAL HYDROCARBONS IN SOIL**  
**FORMER**  
**EXXON SERVICE STATION 7-3006**  
**720 High Street**  
**Oakland, California**

**EXPLANATION**

- MW14 Groundwater Monitoring Well
- B30 Soil Boring/Soil Sample
- AS6 Air Sparge Well
- RW4 Recovery Well
- DP5 Direct Push Boring
- RW7 Destroyed Recovery Well
- MW15 Destroyed Groundwater Monitoring Well
- CPT6 Cone Penetrometer Test Boring
- VW1/B35 Soil Vapor Extraction Well
- VW3/B37 Soil Vapor Extraction Well

**PROJECT NO.**  
**2010**  
**PLATE**  
**8**

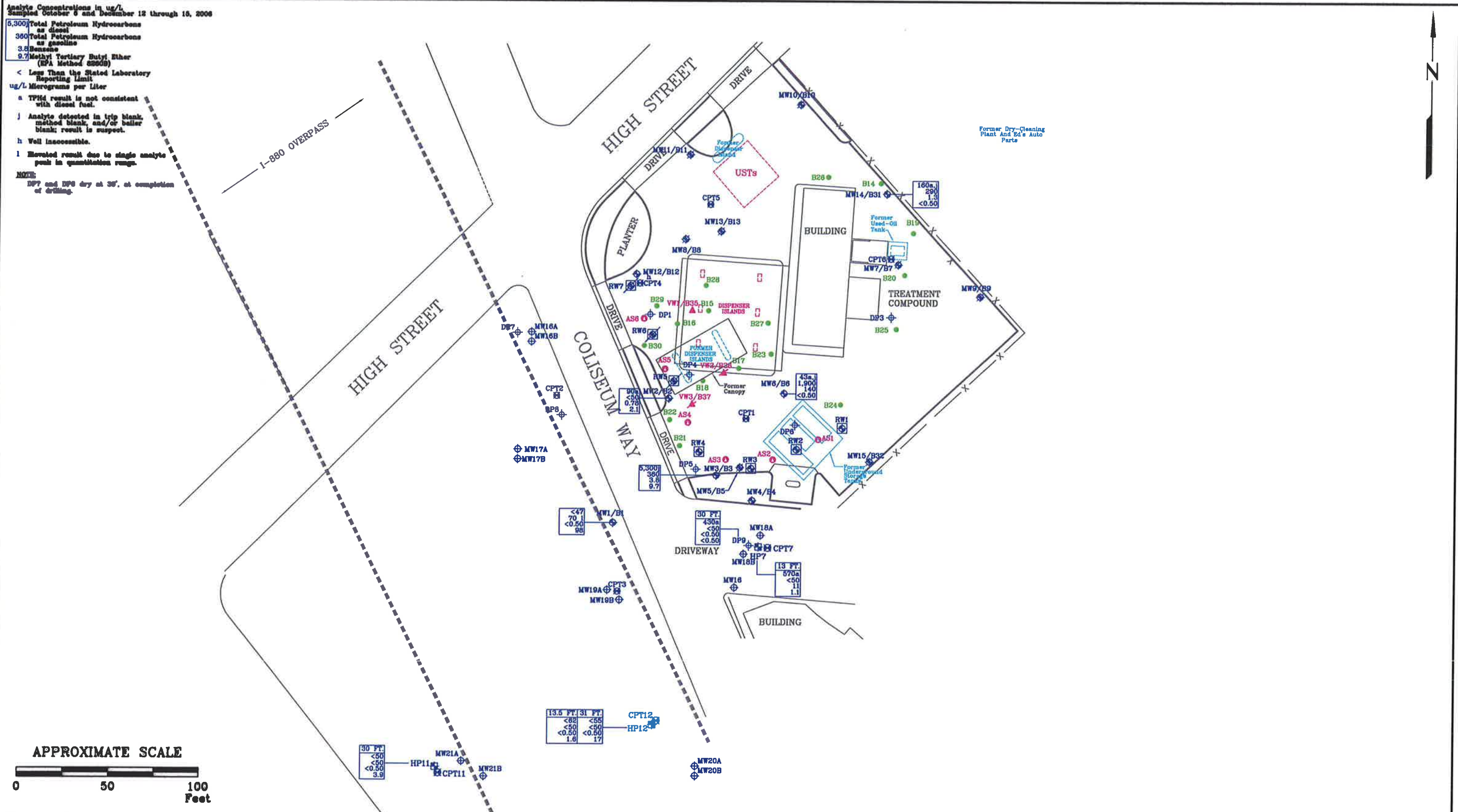


Analyte Concentrations in ug/L  
 Sampled October 6 and December 12 through 15, 2006

- 5,300 Total Petroleum Hydrocarbons as diesel
- 360 Total Petroleum Hydrocarbons as gasoline
- 3.6 Benzene
- 9.7 Methyl Tertiary Butyl Ether (EPA Method 8260B)
- < Less Than the State Laboratory Reporting Limit

- ug/L Micrograms per Liter
- a TPHd result is not consistent with diesel fuel.
- j Analyte detected in trip blank, method blank, and/or bailer blank; result is suspect.
- h Well inaccessible.
- l Elevated result due to single analyte peak in quantitation range.

NOTE:  
 DP7 and DP8 dry at 30' at completion of drilling.



FN 08\_R30 SAR GW\_RPT.

**SELECT GROUNDWATER ANALYTICAL RESULTS**  
**October 6 and December 12 Through 15, 2006**

FORMER  
 EXXON SERVICE STATION 73006  
 720 High Street  
 Oakland, California

**EXPLANATION**

- MW14 Groundwater Monitoring Well
- B30 Soil Boring/Soil Sample
- AS6 Air Sparge Well
- RW4 Recovery Well
- DP9 Direct Push Boring
- CPT12 Cone Penetrometer Test Boring
- HP12 Hydropunch Boring
- VW1/B35 Soil Vapor Extraction Well
- RW7 Destroyed Recovery Well
- MW15 Destroyed Groundwater Monitoring Well
- VW3/B37 Soil Vapor Extraction Well
- MW21A Proposed Upper Groundwater Monitoring Well
- MW21B Proposed Lower Groundwater Monitoring Well

**PROJECT NO.**  
 2010

**APPENDIX**  
 B

Analyte Concentrations in ug/L  
 Sampled November 2, 2010

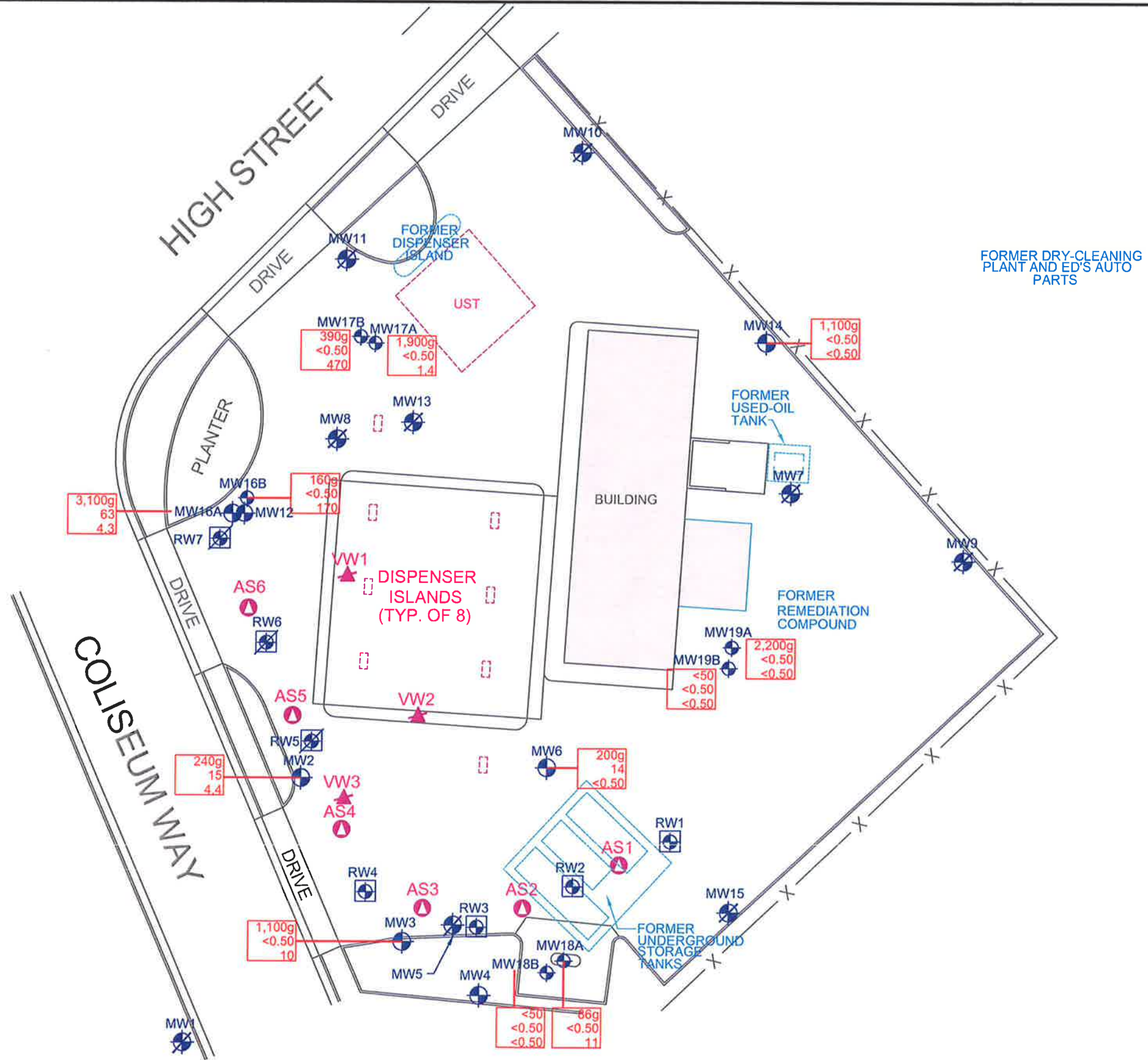
Total Petroleum Hydrocarbons  
 as gasoline  
 Benzene  
 Methyl Tertiary Butyl Ether

< Less Than the Stated Laboratory  
 Reporting Limit

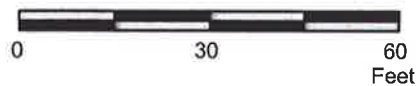
ug/L Micrograms per Liter

NS Not Sampled

g Hydrocarbon pattern is not consistent  
 with that of the specified standard.



APPROXIMATE SCALE



FN 2010 10 4QTR\_QM

SOURCE:  
 Modified from a map  
 provided by  
 Morrow Surveying

### SELECT ANALYTICAL RESULTS November 2, 2010

FORMER  
 EXXON SERVICE STATION 73006  
 720 High Street  
 Oakland, California

#### EXPLANATION

- MW19A Groundwater Monitoring Well
- RW4 Recovery Well
- AS6 Air Sparge Well

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

PROJECT NO.

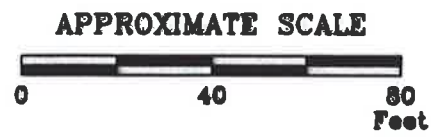
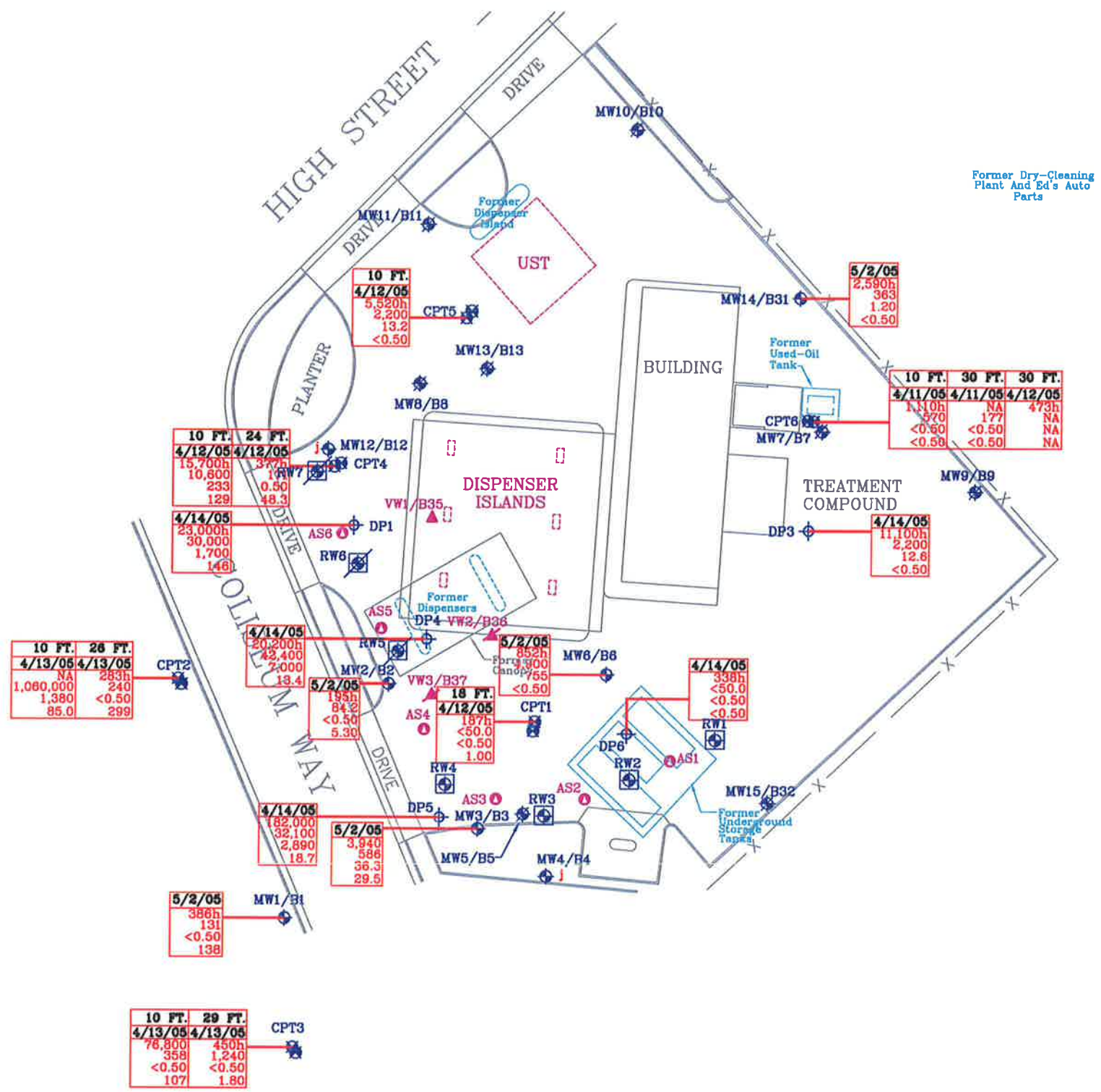
2010

PLATE

2



Analyte Concentrations in ug/L  
 4/14/05 Sample Date  
 182,000 Total Petroleum Hydrocarbons as diesel  
 32,100 Total Petroleum Hydrocarbons as gasoline  
 2,890 Benzene  
 18.7 Methyl Tertiary Butyl Ether (EPA Method 8260B)  
 < Less Than the Stated Laboratory Reporting Limit  
 ug/L Micrograms per Liter  
 NA Not Analyzed  
 h Diesel result is not consistent with diesel fuel.  
 j Well inaccessible.



FN 20100006\_SCM\_SP



**GROUNDWATER ANALYTICAL RESULTS**  
**April 11-14 and May 5, 2005**  
 FORMER  
 EXXON SERVICE STATION 7-3006  
 720 High Street  
 Oakland, California

**EXPLANATION**

- MW14 Groundwater Monitoring Well
- AS6 Air Sparge Well
- RW4 Recovery Well
- DP5 Direct Push Boring
- RW7 Destroyed Recovery Well
- MW15 Destroyed Groundwater Monitoring Well
- CPT6 Cone Penetrometer Test Boring
- VW1/B35 Soil Vapor Extraction Well
- VW3/B37 Soil Vapor Extraction Well

**PROJECT NO.**  
2010  
**PLATE**  
9

## **APPENDIX C**

### **FIELD PROTOCOL**

**Cardno ERI**  
**Soil Vapor Sampling Well Installation and Sampling Field Protocol**

**Preliminary Activities**

Prior to the onset of field activities at the site, Cardno ERI obtains the appropriate permit(s) from the governing agency(s). Advance notification is made as required by the agency(s) prior to the start of work. Cardno ERI marks the borehole locations and contacts the local one call utility locating service at least 48 hours prior to the start of work to mark buried utilities. Borehole locations may also be checked for buried utilities by a private geophysical surveyor. Prior to drilling, the borehole location is cleared in accordance with the client's procedures. Fieldwork is conducted under the advisement of a registered professional geologist and in accordance with an updated site-specific safety plan prepared for the project, which is available at the job site during field activities.

**Well Construction**

The borehole is advanced to the desired depth using either a direct-push rig, hand auger, or air vacuum rig. Lithologic conditions are recorded on a boring log during borehole advancement, and select soil matrix sampling may be conducted based on soil characteristics.

Each soil vapor sampling (SVS) well is constructed using inert screen material attached to  $\frac{1}{8}$ - to  $\frac{1}{4}$ -inch outer diameter inert tubing. A gas-tight vacuum fitting or valve is attached to the top of each length of tubing using a female compression fitting. Each screen is set within a minimum of a 12-inch thick appropriately sized sand pack, with a minimum of 3 inches of sand pack above the top of the screen. A minimum of 4 inches of dry granular bentonite is set above each screen and associated sand pack. In SVS wells with multiple and separate casings and screens, the annular space between the top of the dry granular bentonite above the deep screen and the bottom of the sand pack associated with the shallow screen is sealed with a minimum of 18 inches of hydrated bentonite. The remainder of the annular space of the well is sealed with hydrated bentonite to 1 foot below ground surface. Wellheads are finished with traffic-rated well boxes set in concrete flush with the surrounding grade. No glues, chemical cements, or solvents are used in well construction.

A boring log is completed with the construction details for each well, including the materials of construction, depth of the borehole, screen length, and annular seal thickness.

**Soil Vapor Sampling**

Samples are collected using a soil vapor purging and sampling manifold consisting of a flow regulator, vacuum gauges, vacuum pump, shroud, and laboratory-prepared, gas-tight, opaque containers such as Summa™ canisters. Samples may also be collected using a syringe and analyzed by a mobile laboratory. Prior to use, Summa™ canisters are checked to ensure they are under the laboratory induced vacuum between 31 and 25 inches of mercury (in. Hg).

New inert tubing is used to purge and sample each well. Prior to purging and sampling each SVS well, the sampling manifold is connected to the gas-tight vacuum fitting or valve at the wellhead, and the downstream tubing and fittings are vacuum tested at approximately 24 to 28 in. Hg. Purging and sampling are conducted only on SVS wells when the tubing and fittings hold the applied vacuum for 5 minutes per vacuum gauge reading.

When required, Cardno ERI conducts a purge volume versus constituent concentration test on at least one SVS well prior to purging and sampling activities. The purge volume test well is selected based on the location of the anticipated source of chemical constituents at the site and on the location of anticipated maximum soil vapor concentrations based on lithologic conditions. If the SVS well has been in place for more than 1 week, it is assumed that soil vapor in the sand pack has equilibrated with the surrounding soil, and only the screen and tubing volumes are included in the purge volume calculation. If the SVS well has been in place for less than 1 week, the volume of the sand pack around the screen is included in the purge volume calculation. A photo-ionization detector (PID) or on-site mobile laboratory is used to evaluate concentrations of chemical constituents in the vapor stream after 1, 3, and 10 volumes of vapor have been purged from the SVS well. Purging is conducted at a rate of 100 to 200 milliliters per minute (ml/min). The purge volume exhibiting the highest concentration is the volume of vapor purged from each SVS well prior to sampling. If the three separate purge volumes produce equal concentrations a default of 3 purge volumes is extracted prior to sampling.

Prior to sampling, a helium leak test is performed at each SVS well, including a summa canister and its fittings, to check for leaks in the SVS annulus. To assess the potential for leaks in the SVS well annulus, a shroud is placed over the SVS well and summa canister and the shroud is filled with a measured amount of helium. Helium screening is performed in the field by drawing soil gas into a Tedlar bag via a lung-box and screening the contents of the Tedlar bag with a helium meter. The concentration of helium in the sample divided by the concentration of helium in the shroud provides a measure of the proportion of the sample attributable to leakage. A leak that comprises less than 5% of the sample is insignificant. Helium screening is also performed using laboratory analysis of the contents of the summa canister collected under the shroud. Sampling is conducted at approximately the same rate of purging, at 100 to 200 ml/min. Soil vapor samples are submitted under chain-of-custody protocol for the specified laboratory analyses.

At a minimum, weather conditions (temperature, barometric pressure and precipitation), the sampling flow rate, the purge volume, the helium leak detection percentage results, the sample canister identification number, the method of sample collection, and the vacuum of the sampling canister at the start and end of sample collection (if applicable) are recorded on a log for each SVS well purged and sampled.

### **Decontamination Procedures**

If soil samples are collected, Cardno ERI or the contracted driller decontaminates the soil sampling equipment between each sampling interval using a non-phosphate solution, followed by a minimum of two tap water rinses.

De-ionized water may be used for the final rinse. Downhole drilling equipment is steam-cleaned or triple-rinsed prior to advancing each borehole.

### **Waste Treatment and Disposal**

Soil cuttings generated from the well installation are stored on site in labeled, Department of Transportation-approved, 55-gallon drums or other appropriate storage container. The soil is removed from the site and transported under manifest to a client- and regulatory-approved facility for recycling or disposal. Decontamination water is stored on site in labeled, regulatory-approved storage containers, and is subsequently transported under manifest to a client- and regulatory-approved facility for disposal or treated with a permitted mobile or fixed-base carbon treatment system.