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Jennifer C. Sedlachek
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ExxonMobil

January 30, 2015

Ms. Karel Detterman
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. Detterman:

Attached for your review and comment is a copy of the letter report entitled ***Soil Investigation, Groundwater Monitoring Report, and Request for Closure,*** dated January 30, 2015, for the above-referenced site. The report was prepared by Cardno ERI of Petaluma, California, and details activities pertaining to the subject site.

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

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

Sincerely,

Jennifer C. Sedlachek
Project Manager

Attachment: Cardno ERI's ***Soil Investigation, Groundwater Monitoring Report, and Request for Closure,*** dated January 30, 2015

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

w/o attachment
Mr. Greg Gurss, Cardno ERI

Soil Assessment, Groundwater Monitoring Report, and Request for Closure

Former Exxon Service Station 73006

Cardno ERI 2010C.R34

January 30, 2015

Cardno ERI

Shaping the Future

Soil Assessment, Groundwater Monitoring Report, and Request for Closure

Former Exxon Service Station 73006
720 High Street
Oakland, California

Alameda County No. 491

Cardno ERI 2010C.R34

January 30, 2015

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1 Introduction

At the request of ExxonMobil Environmental Services (EMES), on behalf of Exxon Mobil Corporation, Cardno ERI prepared this soil investigation, groundwater monitoring report, and request for closure for the subject site. This report was prepared in response to electronic correspondence from Alameda County Environmental Health (County), dated September 25, 2014 (Appendix A). The work included the drilling and sampling of soil boring B38 (located in the vicinity of the former used-oil UST), the sampling of newly-installed wells MW20 and MW21, and evaluating the site under the State Water Resources Control Board's *Low-Threat Underground Storage Tank Case Closure Policy* (Low-Threat Policy), effective August 17, 2012 (SWRCB, 2012). The work was performed in accordance with the *Work Plan for Soil Boring* (Work Plan), dated October 29, 2014 (Cardno ERI, 2014b), which was approved by the County in electronic correspondence dated November 26, 2014 (Appendix A).

2 Site Description

Former Exxon Service Station 73006 is located at 720 High Street, Oakland, California (Assessor's Parcel Number 34-2290-6-3) on the southeastern corner of the intersection of High Street and Coliseum Way adjacent to an elevated portion of Interstate Highway 880 (Plate 1). The site operated as an Exxon-branded service station from 1970 to 1987. Prior to use as a service station, the site was used as an oil storage and distribution facility from 1912 to 1934, an automobile junkyard from 1953 to 1969, and a dump site prior to 1970 (RESNA, 1993a). The site is currently an active Gas and Food-branded station owned and operated by Mash Petroleum, Inc. The locations of select site features are shown on the Generalized Site Plan (Plate 2).

Additional information (including site history, features, geology, hydrogeology, and environmental activities) is included in Cardno ERI's *Updated SCM and Soil and Groundwater Investigation and Groundwater Monitoring Report* dated July 17, 2014 (Cardno ERI, 2014a).

3 Soil and Groundwater Assessment

Cardno ERI performed the fieldwork in accordance with the Work Plan (Cardno ERI, 2014b), standard field protocols (Appendix B), a site-specific safety plan, and applicable regulatory guidelines under the advisement of a professional geologist.

3.1 Pre-Field Work

Cardno ERI obtained permits from the Alameda County Public Works Agency (Appendix C), contacted Underground Service Alert (USA), and contracted with a private utility-locating company to locate underground utilities at the site.

3.2 Boring

On January 5, 2015, Cardno ERI observed Cascade Drilling, LP clear the location for boring B38 to 5 feet bgs using hand tools and drill the boring to 10 feet bgs using a direct-push drill rig. The boring log is included in Appendix D.

3.3 Groundwater Monitoring and Sampling

On September 18, 2014, Cardno ERI measured DTW and collected groundwater samples from newly-installed wells MW20 and MW21. Groundwater monitoring and sampling were performed in accordance with Cardno ERI's groundwater sampling protocol (Appendix B). Field data sheets are included in Appendix E.

3.4 Laboratory Analysis

Groundwater and soil samples were submitted to Eurofins Calscience, Inc., of Garden Grove, California, a California state-certified laboratory, under COC protocol, and analyzed for the analytes and methods listed in Tables 1A through 1D and Tables 3A through 3D. Laboratory analytical reports are included in Appendix F. Select soil and groundwater analytical results are illustrated on Plates 3 and 4, respectively.

3.5 Waste Disposal

Soil, groundwater, and purge and decon water generated during drilling activities and/or the groundwater monitoring and sampling event were temporarily stored on site in drums pending disposal at an EMES-approved facility. Waste disposal documentation is included in Appendix G. Soil disposal documentation will be submitted under separate cover.

4 Results

Cardno ERI installed soil boring B38 and collected groundwater samples from off-site wells MW20 and MW21 as part of this investigation.

4.1 Site Geology

The sediments encountered in boring B38 are consistent with previous observations. With the exception of fill material in the upper 1.5 feet of the boring, the soils encountered consisted primarily of silt and clay with lesser amounts of fine-grained sand to 10 feet bgs, the maximum depth explored.

4.2 Hydrocarbons in Soil

Soil samples from 3, 5.5, and 9.5 feet bgs were submitted for laboratory analysis. Concentrations of TPHg, TPHd, PAHs, and BTEX were not reported in the soil samples collected from boring B38. With the exception of select metals, the requested analytes were not detected above laboratory reporting limits.

4.3 Hydrocarbons in Groundwater

The dissolved-phase concentrations reported in wells MW20 and MW21 were consistent with previous results. Maximum concentrations were reported in well MW21 with TPHg and benzene concentrations of 2,200 µg/L and 170 µg/L, respectively. Benzene concentrations reported in well MW21 are greater than the concentrations reported in well MW20 and the other site wells sampled during recent years, suggesting that the concentrations reported in well MW21 (beneath Interstate 880) may be from another source. Well MW21 is located approximately 100 feet downgradient of well MW20 and approximately 180 feet from the site (Plate 4).

5 Low-Threat UST Case Closure Policy Evaluation

Cardno ERI evaluated the case under the Low-Threat Policy (SWRCB, 2012). Cardno ERI concludes that the site adequately meets the criteria for a low-threat closure for commercial land use. The criteria for low-threat closure are addressed in the following sections.

5.1 General Criteria

a. The unauthorized release is located within a service area of a public water system.

The site is located in an area of a public water system (EBMUD).

b. The unauthorized release consists only of petroleum.

Cumulative analytical data and the site history indicate that the unauthorized release related to operations associated with EMES at the site consist only of petroleum.

c. The unauthorized ("primary") release from the UST system has been stopped.

In April 1987, the four original USTs were excavated and removed (AGS, 1987a). The ongoing groundwater monitoring data indicate that there is not an ongoing release from the UST system.

d. Free product has been removed to the maximum extent practicable.

In 1987, NAPL was observed floating on top of the water at the bottom of the gasoline UST excavation; approximately 1,350 gallons of water (containing 99% water and 1% gasoline) were removed from the excavation (AGS, 1987b). Approximately 27 gallons of NAPL were removed in 1989 from wells MW2, MW3, MW4, and MW8 (AGS, 1989). Approximately 6.3 gallons of NAPL were removed in 1993 (RESNA, 1993b). Remediation systems operated at the site from 1995 to 1999 (ERI, 1999a; ERI, 1999b).

A grab groundwater sample collected from boring CPT2 in 2005 had reported concentrations of TPHg (1,060,000 µg/L) indicative of the potential presence of NAPL off site to the west (ERI, 2005).

Since April 2011, NAPL and/or sheen have been periodically observed in well MW3. During fourth quarter 2012, Cardno ERI installed a passive NAPL skimmer in well MW3 (Cardno ERI, 2013a). NAPL samples collected from the skimmer indicated that the NAPL was consistent with weathered diesel with little to no BTEX and MTBE concentrations near or below 5 µg/L. During pumping, well MW3 is observed to go dry after approximately two well casing volumes, indicating that significant NAPL recovery is not feasible. The NAPL does not extend off site and appears to be limited in extent to the area near well MW3.

e. A conceptual model that assesses the nature, extent, and mobility of the release has been developed.

Cumulative site reports, including the *Site Conceptual Model* (ERI, 2005), *Soil and Groundwater Investigation Report with Updated Site Conceptual Model and Monitoring Well Replacement Recommendations* (ERI, 2007), *Conduit Study and Summary of Field Activities* (ERI, 2008), *Site Assessment Report* (ERI, 2009), *Site Conceptual Model Update and Data Gap Investigation Work Plan* (Cardno ERI, 2013b), *Updated SCM and Soil and Groundwater Investigation and Groundwater Monitoring Report* (Cardno ERI, 2014a), and this document provide a conceptual model for the site.

f. Secondary source has been removed to the extent practicable.

Between May and July 1987, approximately 760 cubic yards of soil were excavated from the former gasoline UST excavation, aerated, and subsequently removed from the site for disposal (AGS, 1987a). In July 1989, approximately 300 cubic yards of soil and debris (including bricks and lumber) were excavated from the southern and southwestern sides of the former gasoline UST pit as far towards Coliseum Way as possible (AGS, 1989). In January 1991, approximately 500 cubic yards of soil were excavated from the northwestern corner of the site for the new UST cavity (AGS, 1991).

A GWPTS operated at the site from 1995 to 1998, removing approximately 10 pounds of TPHg and 3 pounds of benzene. An AS/SVE system operated from 1996 to 1999, removing approximately 5,144 pounds of TPHg and 61 pounds of benzene (ERI, 1999a; ERI, 1999b).

A biosparge system operated from 2001 to 2003. The biosparge system used an air compressor to inject air into the on-site groundwater interceptor trench to enhance biodegradation (ERI, 2005).

The cumulative site data including recent groundwater monitoring data indicate that additional active remediation is not warranted and secondary source has been removed the extent practicable.

g. Soil or groundwater has been tested for MTBE and the results reported in accordance with Health and Safety Code section 25296.15.

MTBE has been analyzed for in groundwater samples collected at the site since 1996 (Table 1A) and in soil samples collected at the site since 2005 (Table 3A).

h. Nuisance as defined by Water Code section 13050 does not exist at the site.

The site is an active gas station in an industrial part of Oakland adjacent to the elevated portion of Interstate 880. The current site conditions do not interfere with foreseeable use of the property. The off-site conditions did not prohibit the completion of an extensive infrastructure project that was recently completed across the street from the site beneath Interstate 880. The off-site concentrations are present on property located beneath an elevated freeway, which is unlikely to have residential land use in the foreseeable future.

The site is zoned for a variety of heavy commercial and industrial establishments (CIX-2). The adjacent property to the east is designated General Industrial (IG); to the north and south, CIX-2, and to the west Central Estuary District Industrial Zone -6 (D-CE-6) allowing for industrial and manufacturing uses, transportation facilities, warehousing and distribution, and similar related uses (City of Oakland, 2013).

5.2 Media-Specific Criteria

5.2.1 Groundwater

The site adequately meets two of the five criteria established for groundwater in the Low-Threat Policy. The site is compared to scenarios 3 and 4 from the Low-Threat Policy in the following subsections.

5.2.1.1 Criteria 3

1. The contaminant plume that exceeds WQOs is less than 250 feet in length.

Based on historic and recent on-site and off-site groundwater data (including data from the EkoTek at 4200 Alameda Avenue and the Shell branded service station at 620 High Street), petroleum hydrocarbons that originate from the site likely extend less than 250 feet in groundwater. The well network at the site extends approximately 300 feet in the downgradient direction. Dissolved-phase concentrations increase in well MW21 (as compared to well MW20), although it is further downgradient than well MW20. The reported concentration of benzene in well MW21 (170 µg/L) is not consistent with the general lack of benzene reported in recent samples collected from the site (even when NAPL was observed in well MW3, benzene was below reporting limits in the well). The industrial history of the area and multiple identified sources preclude delineating concentrations to a non-detect level. Assuming a plume originating from the former USTs and extending to the midpoint between wells MW20 and MW21, the estimated plume length would be approximately 185 feet.

2. Free product has been removed to the maximum extent practicable, may still be present below the site where the release originated, but does not extend off-site.

A grab groundwater sample collected in 2005 from boring CPT2, located off site to the west, had reported concentrations of TPHg (1,060,000 µg/L) indicative of the potential presence of NAPL (ERI, 2005). The results from newly-installed well MW20 demonstrate that NAPL is not currently present in that vicinity.

NAPL and/or sheen have been periodically reported in well MW3 since April 2011; however, the quantities observed are not likely feasibly recoverable. During fourth quarter 2012, Cardno ERI installed a passive NAPL skimmer in well MW3 (Cardno ERI, 2013a). A NAPL sample was collected from the skimmer during second quarter 2014. The analytical results were consistent with weathered diesel with BTEX and MTBE concentrations near or below 5 µg/L. BTEX compounds have been below reporting limits in well MW3 for several years. Some NAPL with limited mobility may be present at the site; however, the NAPL is limited in extent and the volatile fraction (i.e., BTEX) is near or below laboratory reporting limits.

Destroyed well MW1, located across Coliseum Avenue, did not show evidence of NAPL between two observations of sheen in 1989 and the well destruction in 2007 to accommodate a construction project.

Between May and July 1987, approximately 760 cubic yards of soil were excavated from the former gasoline UST excavation, aerated, and subsequently removed from the site for disposal (AGS, 1987a). In July 1989, approximately 300 cubic yards of soil and debris (including bricks and lumber) were excavated from the southern and southwestern sides of the former gasoline UST pit as far towards Coliseum Way as possible (AGS, 1989). In January 1991, approximately 500 cubic yards of soil were excavated from the northwestern corner of the site for the new UST cavity (AGS, 1991).

A GWPTS operated at the site from 1995 to 1998, removing approximately 10 pounds of TPHg and 3 pounds of benzene. An AS/SVE system operated from 1996 to 1999, removing approximately 5,144 pounds of TPHg and 61 pounds of benzene (ERI, 1999a; ERI, 1999b).

A biosparge system operated from 2001 to 2003. The biosparge system used an air compressor to inject air into the on-site groundwater interceptor trench to enhance biodegradation (ERI, 2005).

The cumulative site data, including recent groundwater monitoring data, indicate that NAPL has been removed the extent practicable and does not extend off site.

3. The plume has been stable or decreasing for a minimum of five years.

Groundwater monitoring has been performed at the site since 1989. With the exception of minor fluctuations, concentrations at the site have shown stable or declining trends for a period greater than five years (Table 1A).

4. The nearest existing drinking water well or surface water body is greater than 1,000 feet from the defined plume boundary.

Records from the DWR and Public Works do not indicate the presence of municipal or domestic wells within a 2,000-foot radius of the site. Field reconnaissance has also not confirmed the presence of any water supply wells within a 2,000-foot radius of the site. There are reported wells that have not been confirmed to be present near the site during filed visits. Additional information on these reported wells is included in the *Updated SCM and Soil and Groundwater Investigation and Groundwater Monitoring Report* (Cardno ERI, 2014a).

The nearest surface water body (the Oakland Estuary Tidal Canal) is located approximately 1,900 northeast of the site. The canal is connected to the San Leandro Bay, which is part of the San Francisco Bay, and is located approximately 3,100 south of the site. Using the 90th percentile plume length for MTBE from the technical justification from the Low-Threat Policy provides a separation of approximately 1,350 feet to the surface water (SWRCB, 2011).

5. The property owner is willing to accept a land use restriction if the regulatory agency requires a land use restriction as a condition of closure.

During a conference call attended by the property owner, the County, and Cardno ERI representatives on September 19, 2014, the property owner indicated that he was amenable to a land use restriction. The zoning of the property and location of the property suggest that the land use is likely to be commercial for the foreseeable future regardless of a land use restriction.

5.2.1.2 Criteria 4

1. The contaminant plume that exceeds WQOs is less than 1,000 feet in length.

Based on the results of historical and recent on-site and off-site groundwater data (including the EkoTek located at 4200 Alameda Avenue and the Shell-branded service station at 620 High Street in Oakland), petroleum hydrocarbons that originate from the site appear to extend less than 1,000 feet in groundwater. The well network at the site extends approximately 300 feet in the downgradient direction. The industrial history of the area and multiple identified sources preclude delineating concentrations to a non-detect level.

To additionally evaluate the plume length, Cardno ERI used the plume lengths in the technical justification for the Low-Threat Policy (SWRCB, 2011). The average plume length and the 90th percentile plume length are shown on Plate 4 along with site-specific groundwater data. Both the average plume length and 90 percentile plume length are less than 1,000 feet long.

2. There is no free product.

A grab groundwater sample collected from boring CPT2 in 2005 had reported concentrations of TPHg (1,060,000 µg/L) indicative of the potential presence of NAPL off site to the west (ERI, 2005). The results from newly-installed well MW20 demonstrate that NAPL is not currently present in that vicinity.

NAPL and/or sheen have been periodically reported in well MW3 since April 2011; however, the quantities observed are not likely feasibly recoverable. During fourth quarter 2012, Cardno ERI installed a passive NAPL skimmer in well MW3 (Cardno ERI, 2013a). A NAPL sample was collected from the skimmer during second quarter 2014. The analytical results were consistent with weathered diesel with little to no BTEX and MTBE concentrations near or below 5 µg/L. BTEX compounds have been below reporting limits in well MW3 for several years. Some NAPL with limited mobility may be present at the site, but it is limited in extent with little to no volatile components.

3. The nearest existing drinking water well or surface water body is greater than 1,000 feet from the defined plume boundary.

Records from the DWR and Public Works do not indicate the presence of municipal or domestic wells within a 2,000-foot radius of the site. Field reconnaissance has not confirmed the presence of any water supply wells within a 2,000-foot radius of the site. There are some reported wells that have not been confirmed to be present near the site during filed visits. Additional information on these reported wells is included in the *Updated SCM and Soil and Groundwater Investigation and Groundwater Monitoring Report* (Cardno ERI, 2014a).

The nearest surface water body (the Oakland Estuary Tidal Canal) is located approximately 1,900 northeast of the site. The canal is connected to the San Leandro Bay, which is part of the San Francisco Bay, and is located approximately 3,100 south of the site. Using the 90th percentile plume length for MTBE from the technical justification from the Low-Threat Policy provides a separation of approximately 1,350 feet to the surface water.

5.2.2 Soil

Maximum post-remediation concentrations of petroleum hydrocarbons in soil were compared with the concentrations in soil that will have no significant risk of adversely affecting human health (SWRCB, 2012).

Concentrations of Petroleum Constituents in Soil That Will Have No Significant Risk of Adversely Affecting Human Health (SWRCB, 2012)

Constituent	Residential		Commercial/Industrial		Utility Worker
	0 to 5 feet bgs (mg/kg)	Volatilization to Outdoor Air (5 to 10 feet bgs) (mg/kg)	0 to 5 feet bgs (mg/kg)	Volatilization to Outdoor Air (5 to 10 feet bgs) (mg/kg)	0 to 10 feet bgs (mg/kg)
Benzene	1.9	2.8	8.2	12	14
Ethylbenzene	21	32	89	134	314
Naphthalene	9.7	9.7	45	45	219
PAH	0.063	---	0.68	---	4.5

Concentrations in post-remediation (2005 and later) soil samples collected at the site above these levels are listed in the following table.

Soil Concentrations Reported Remaining In Place at the Site in Excess of Soil Quality Goals

Constituent	Residential		Commercial/Industrial		Utility Worker
	0 to 5 feet bgs mg/kg	Volatilization to Outdoor Air (5 to 10 feet bgs) mg/kg	0 to 5 feet bgs mg/kg	Volatilization to Outdoor Air (5 to 10 feet bgs) mg/kg	0 to 10 feet bgs mg/kg
Benzene	None	7.79 (DP5, 2 feet) 6.99 (DP5, 8 feet)	None	None	None
Ethylbenzene	None	None	None	None	None
Naphthalene	None	None	None	None	None
PAH	None	---	None	---	None

Concentrations of ethylbenzene, naphthalene, and PAHs have not been reported at or above residential or commercial levels in post-remediation soil samples. Benzene was reported above residential levels in soil samples collected from boring DP5 in April 2005, but has not been reported above commercial levels. Naphthalene and PAHs were only analyzed for in borings MW20, MW21, and B38. The results of the soil samples collected since 2005 meet the Low-Threat Policy criteria assuming commercial land use.

5.2.3 Petroleum Vapor Intrusion to Indoor Air

The site is an active retail gasoline station; therefore, the media-specific criteria for petroleum vapor intrusion to indoor air are not applicable per the Low-Threat Policy (SWRCB, 2012). In addition, the lack of volatile components (i.e., benzene) in the remaining hydrocarbons greatly reduces the potential for off-site vapor intrusion risks. In addition, the area where off-site concentrations have been reported is beneath an elevated portion of Interstate 880 that is vacant and unlikely to have a change in land use in the foreseeable future.

6 Conclusions

Based on current site conditions, Cardno ERI concludes that:

- The site is in a long-industrialized part of Oakland and the surrounding area and historical land use make it difficult to perform environmental work without encountering concentrations associated with other sources.
- The site is zoned for industrial uses; land use is not expected to change in the foreseeable future.
- Residual petroleum hydrocarbon concentrations meet the commercial criteria listed in the Low-Threat Policy.
- Dissolved-phase petroleum hydrocarbons show overall stable and/or decreasing trends.
- Petroleum hydrocarbons remaining at the site are not likely to migrate to water wells, deeper drinking water aquifers, surface water, or other sensitive receptors and do not pose a significant risk to human health or the environment.
- The site adequately meets the criteria for Low-Threat Closure under a commercial land-use scenario.

7 Recommendations

Cardno ERI recommends the site be evaluated for case closure and that groundwater monitoring and sampling be suspended pending the evaluation.

8 Contact Information

The responsible party contact is Ms. Jennifer C. Sedlachek, ExxonMobil Environmental Services Company, 4096 Piedmont Avenue #194, Oakland, California, 94611. The consultant contact is Mr. Greg Gurss, Cardno ERI, 601 N. McDowell Boulevard, Petaluma, California, 94952. The agency contact is Ms. Karel Detterman, Alameda County Health Care Services Agency, Department of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, California, 94502.

9 Distribution List

Cardno ERI recommends forwarding copies of this document to:

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10 Limitations

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

This document and the work performed have been undertaken in good faith, with due diligence and with the expertise, experience, capability, and specialized knowledge necessary to perform the work in a good and workmanlike manner and within all accepted standards pertaining to providers of environmental services 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.

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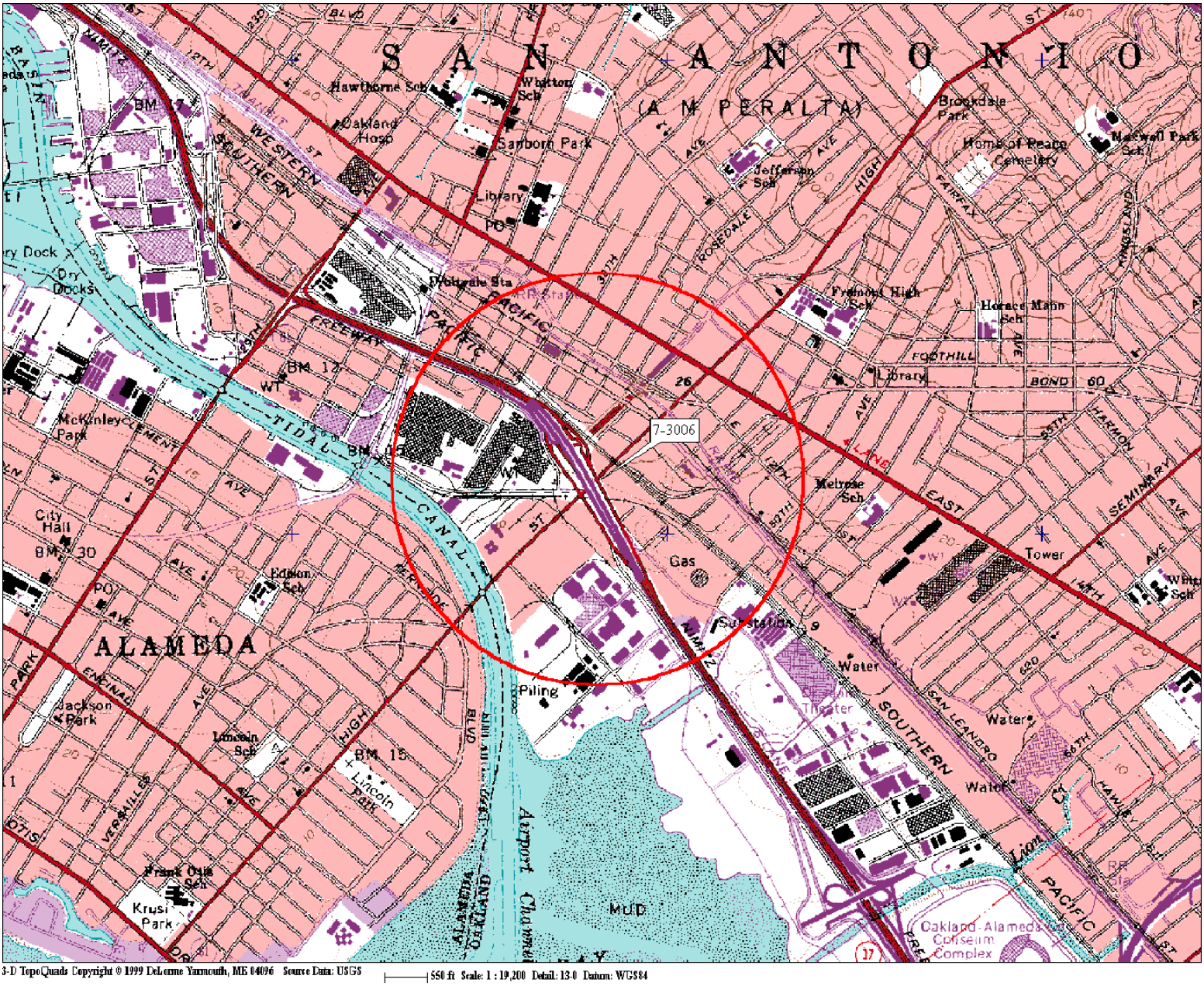
12 Acronym List

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



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

FN 2010

EXPLANATION

1/2-mile radius circle

N

APPROXIMATE SCALE

0 0.5 1 mile

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

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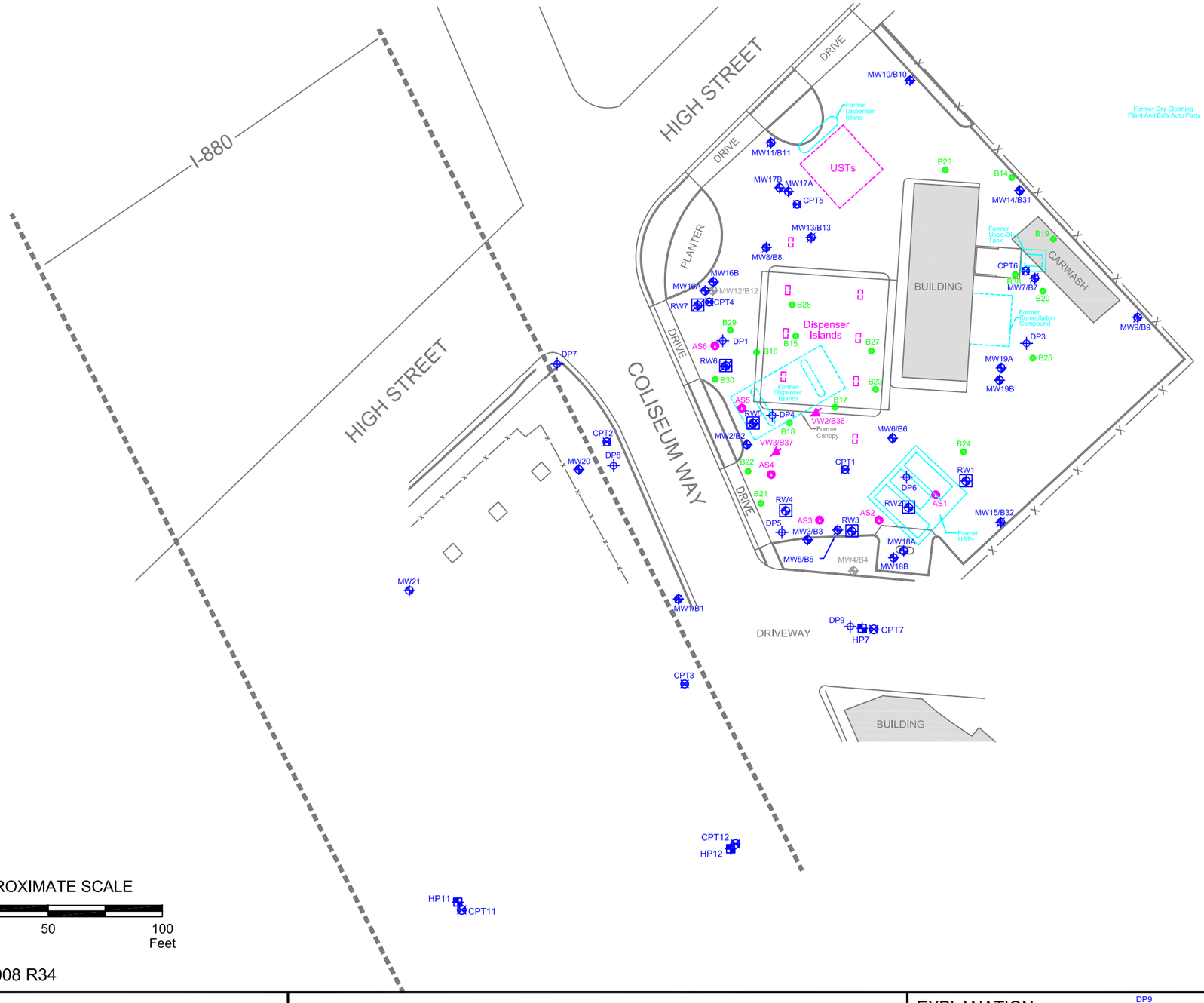
SITE VICINITY MAP

FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California

PROJECT NO.
2010

PLATE
1



FN 20100008 R34

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GENERALIZED SITE PLAN

FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California

EXPLANATION

- MW21 — Groundwater Monitoring Well
- AS6 — Air Sparge Well
- RW4 — Recovery Well
- RW7 — Destroyed Recovery Well
- DP9 — Direct-Push Boring
- CPT12 — Cone Penetration Test Boring
- HP12 — Hydropunch Boring
- B38 — Soil Boring/Soil Sample
- MW15 — Destroyed Groundwater Monitoring Well
- VW3/B37 — Soil Vapor Extraction Well
- MW12/B12 — Well Paved over - Inaccessible

PROJECT NO. 2010

PLATE 2

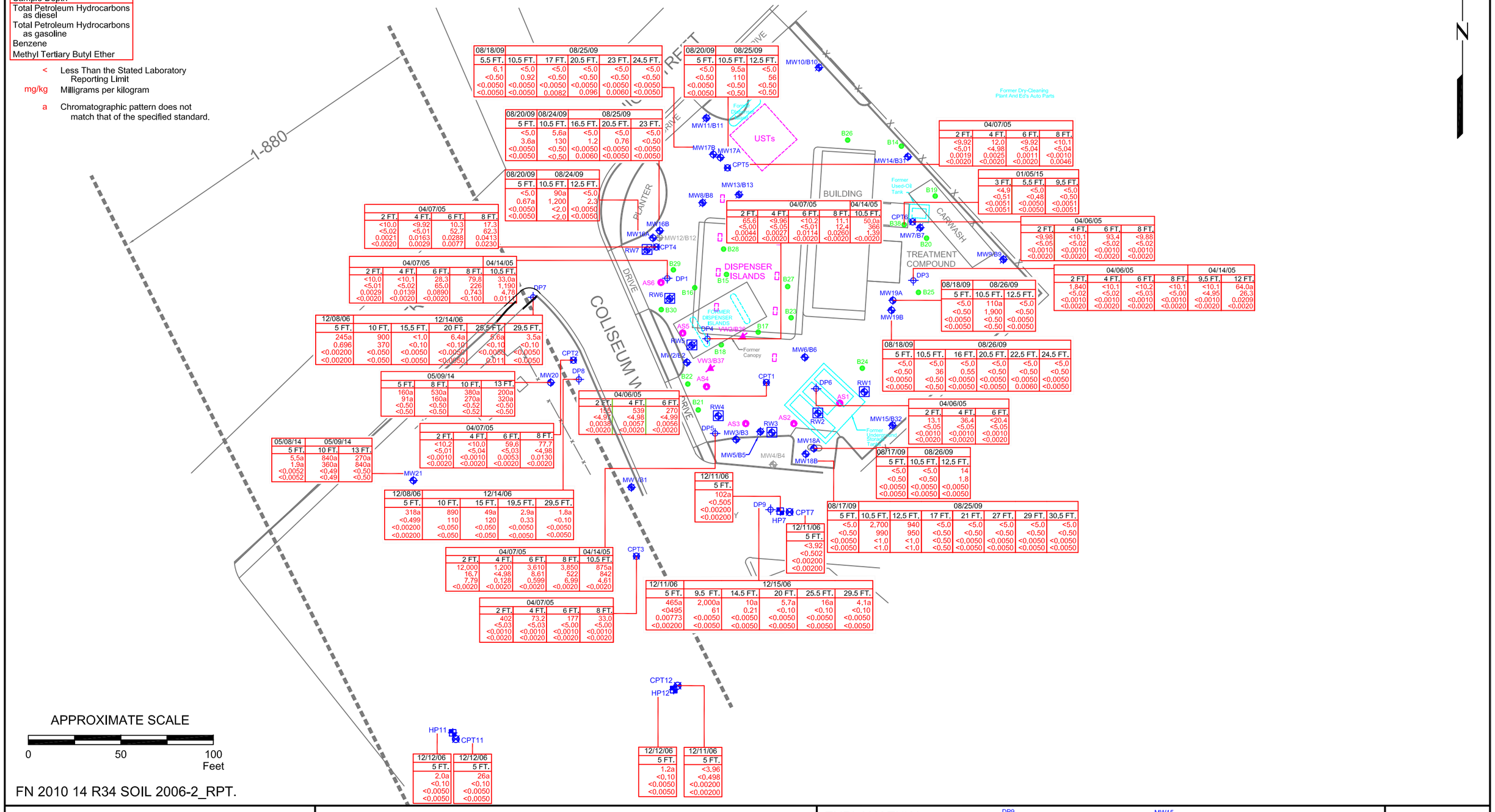
Analyte Concentrations in mg/kg

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 Chromatographic pattern does not match that of the specified standard.



08/18/09	08/25/09				
5.5 FT.	10.5 FT.	17 FT.	20.5 FT.	23 FT.	24.5 FT.
6.1	<5.0	<5.0	<5.0	<5.0	<5.0
<0.50	0.92	<0.50	<0.50	<0.50	<0.50
<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
<0.0050	<0.0050	0.0082	0.096	0.0060	<0.0050

08/20/09	08/25/09	
5 FT.	10.5 FT.	12.5 FT.
<5.0	9.5a	<5.0
<0.50	110	56
<0.0050	<0.50	<0.50
<0.0050	<0.50	<0.50

08/20/09	08/24/09	08/25/09		
5 FT.	10.5 FT.	16.5 FT.	20.5 FT.	23 FT.
<5.0	5.6a	<5.0	<5.0	<5.0
3.6a	130	1.2	0.76	<0.50
<0.0050	<0.50	<0.0050	<0.0050	<0.0050
<0.0050	<0.50	0.0060	<0.0050	<0.0050

08/20/09	08/24/09	
5 FT.	10.5 FT.	12.5 FT.
<5.0	90a	<5.0
0.67a	1,200	2.3
<0.0050	<2.0	<0.0050
<0.0050	<2.0	<0.0050

04/07/05				
2 FT.	4 FT.	6 FT.	8 FT.	
9.92	12.0	<9.92	<10.1	
<5.01	<4.98	<5.04	<5.04	
0.0019	0.0025	0.0011	<0.0010	
<0.0020	<0.0020	<0.0020	0.0046	

01/05/15		
3 FT.	5.5 FT.	9.5 FT.
<4.9	<5.0	<5.0
<0.51	<0.48	<0.50
<0.0051	<0.0050	<0.0051
<0.0051	<0.0050	<0.0051

04/07/05					
2 FT.	4 FT.	6 FT.	8 FT.	10.5 FT.	04/14/05
65.6	<9.96	<10.2	11.1	50.0a	
<5.00	<5.05	<5.01	12.4	366	
0.0044	0.0027	0.0114	0.0280	1.39	
<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	

04/06/05				
2 FT.	4 FT.	6 FT.	8 FT.	
<9.98	<10.1	93.4	<9.88	
<5.05	<5.02	<5.02	<5.02	
<0.0010	<0.0010	<0.0010	<0.0010	
<0.0020	<0.0020	<0.0020	<0.0020	

04/07/05				
2 FT.	4 FT.	6 FT.	8 FT.	
<10.0	<9.92	10.3	17.3	
<5.02	<5.01	52.7	62.3	
0.0021	0.0163	0.0288	0.0413	
<0.0020	0.0029	0.0077	0.0230	

04/07/05				04/14/05
2 FT.	4 FT.	6 FT.	8 FT.	10.5 FT.
<10.0	<10.1	28.3	79.8	33.0a
<5.01	<5.02	65.0	226	1,190
0.0029	0.0139	0.0890	0.743	4.78
<0.0020	<0.0020	<0.0020	<0.100	0.011

04/06/05				04/14/05	
2 FT.	4 FT.	6 FT.	8 FT.	9.5 FT.	12 FT.
1,840	<10.1	<10.2	<10.1	<10.1	64.0a
<5.02	<5.02	<5.03	<5.00	<4.95	26.3
<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0209
<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020

08/18/09	08/26/09		
5 FT.	10.5 FT.	12.5 FT.	
<5.0	110a	<5.0	
<0.50	1,900	<0.50	
<0.0050	<0.50	<0.0050	
<0.0050	<0.50	<0.0050	

12/08/06	12/14/06				
5 FT.	10 FT.	15.5 FT.	20 FT.	25.5 FT.	29.5 FT.
245a	900	<1.0	6.4a	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

05/09/14				
5 FT.	8 FT.	10 FT.	13 FT.	
160a	530a	380a	200a	
91a	160a	270a	320a	
<0.50	<0.50	<0.52	<0.50	
<0.50	<0.50	<0.52	<0.50	

04/06/05			
2 FT.	4 FT.	6 FT.	
155	539	270	
<4.97	<4.98	<4.99	
0.0038	0.0057	0.0056	
<0.0020	<0.0020	<0.0020	

08/18/09	08/26/09				
5 FT.	10.5 FT.	16 FT.	20.5 FT.	22.5 FT.	24.5 FT.
<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
<0.50	36	0.55	<0.50	<0.50	<0.50
<0.0050	<0.50	<0.0050	<0.0050	<0.0050	<0.0050
<0.0050	<0.50	<0.0050	<0.0050	0.0060	<0.0050

04/06/05		
2 FT.	4 FT.	6 FT.
13.1	36.4	<20.4
<5.05	<5.05	<5.05
<0.0010	<0.0010	<0.0010
<0.0020	<0.0020	<0.0020

04/07/05			
2 FT.	4 FT.	6 FT.	8 FT.
<10.2	<10.0	59.6	77.7
<5.01	<5.04	<5.03	<4.98
<0.0010	<0.0010	0.0053	0.0130
<0.0020	<0.0020	<0.0020	<0.0020

05/08/14	05/09/14	
5 FT.	10 FT.	13 FT.
5.5a	840a	270a
1.9a	360a	840a
<0.0052	<0.49	<0.50
<0.0052	<0.49	<0.50

08/17/09	08/26/09	
5 FT.	10.5 FT.	12.5 FT.
<5.0	<5.0	14
<0.50	<0.50	1.8
<0.0050	<0.0050	<0.0050
<0.0050	<0.0050	<0.0050

12/08/06	12/14/06			
5 FT.	10 FT.	15 FT.	19.5 FT.	29.5 FT.
318a	890	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.	
102a	
<0.505	
<0.00200	
<0.00200	

08/17/09	08/25/09						
5 FT.	10.5 FT.	12.5 FT.	17 FT.	21 FT.	27 FT.	29 FT.	30.5 FT.
<5.0	2,700	940	<5.0	<5.0	<5.0	<5.0	<5.0
<0.50	990	950	<0.50	<0.50	<0.50	<0.50	<0.50
<0.0050	<1.0	<1.0	<0.50	<0.0050	<0.0050	<0.0050	<0.0050
<0.0050	<1.0	<1.0	<0.50	<0.0050	<0.0050	<0.0050	<0.0050

12/11/06
5 FT.
<3.92
<0.502
<0.00200
<0.00200

04/07/05				04/14/05
2 FT.	4 FT.	6 FT.	8 FT.	10.5 FT.
12,000	1,200	3,610	3,850	875a
16.7	<4.98	8.61	522	842
7.79	0.128	0.599	6.99	4.61
<0.0020	<0.0020	<0.0020	<0.0020	<0.0020

04/07/05			
2 FT.	4 FT.	6 FT.	8 FT.
402	73.2	177	33.0
<5.03	<5.03	<5.00	<5.00
<0.0010	<0.0010	<0.0010	<0.0010
<0.0020	<0.0020	<0.0020	<0.0020

12/11/06	12/15/06					
5 FT.	9.5 FT.	14.5 FT.	20 FT.	25.5 FT.	29.5 FT.	
465a	2,000a	10a	5.7a	16a	4.1a	
<0495	61	0.21	<0.10	<0.10	<0.10	
0.00773	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	
<0.00200	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	

12/12/06	12/12/06
5 FT.	5 FT.
2.0a	26a
<0.10	<0.10
<0.0050	<0.0050
<0.0050	<0.0050

12/12/06	12/11/06
5 FT.	5 FT.
1.2a	<3.96
<0.10	<0.498
<0.0050	<0.00200
<0.0050	<0.00200

APPROXIMATE SCALE

0 50 100 Feet

FN 2010 14 R34 SOIL 2006-2_RPT.

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RESIDUAL HYDROCARBONS IN SOIL POST-REMEDIATION

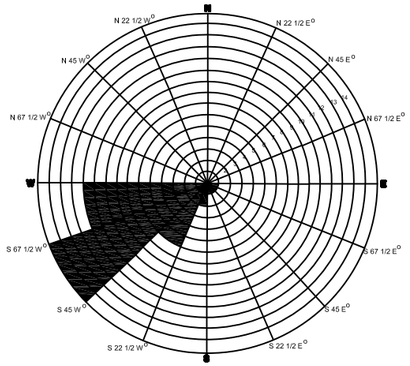
FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California

EXPLANATION

- MW21 Groundwater Monitoring Well
- AS6 Air Sparge Well
- RW4 Recovery Well
- RW7 Destroyed Recovery Well
- DP9 Direct-Push Boring
- CPT12 Cone Penetration Test Boring
- HP12 Hydropunch Boring
- B38 Soil Boring/Soil Sample
- MW15 Destroyed Groundwater Monitoring Well
- VW3/B37 Soil Vapor Extraction Well
- MW12/B12 Well Paved over - Inaccessible

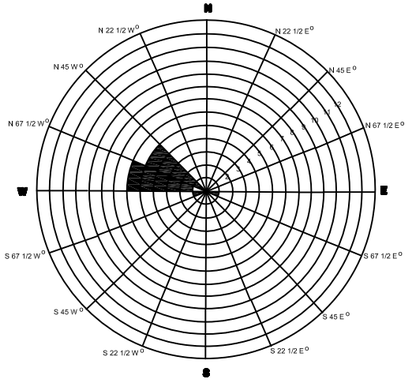
PROJECT NO.
2010

PLATE
3



GROUNDWATER FLOW DIRECTION ROSE DIAGRAM SHALLOW WATER-BEARING ZONE

March 11, 2003 through June 25, 2014



GROUNDWATER FLOW DIRECTION ROSE DIAGRAM DEEP WATER-BEARING ZONE

October 1, 2009 through June 25, 2014

NOTE:

Groundwater flow direction measured upgradient from well MW16B.

Analyte Concentrations in ug/L

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

< Less than the Stated Laboratory Reporting Limit

ug/L Micrograms per Liter

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

NOTE:

Most recent data for wells sampled since 2004 shown.

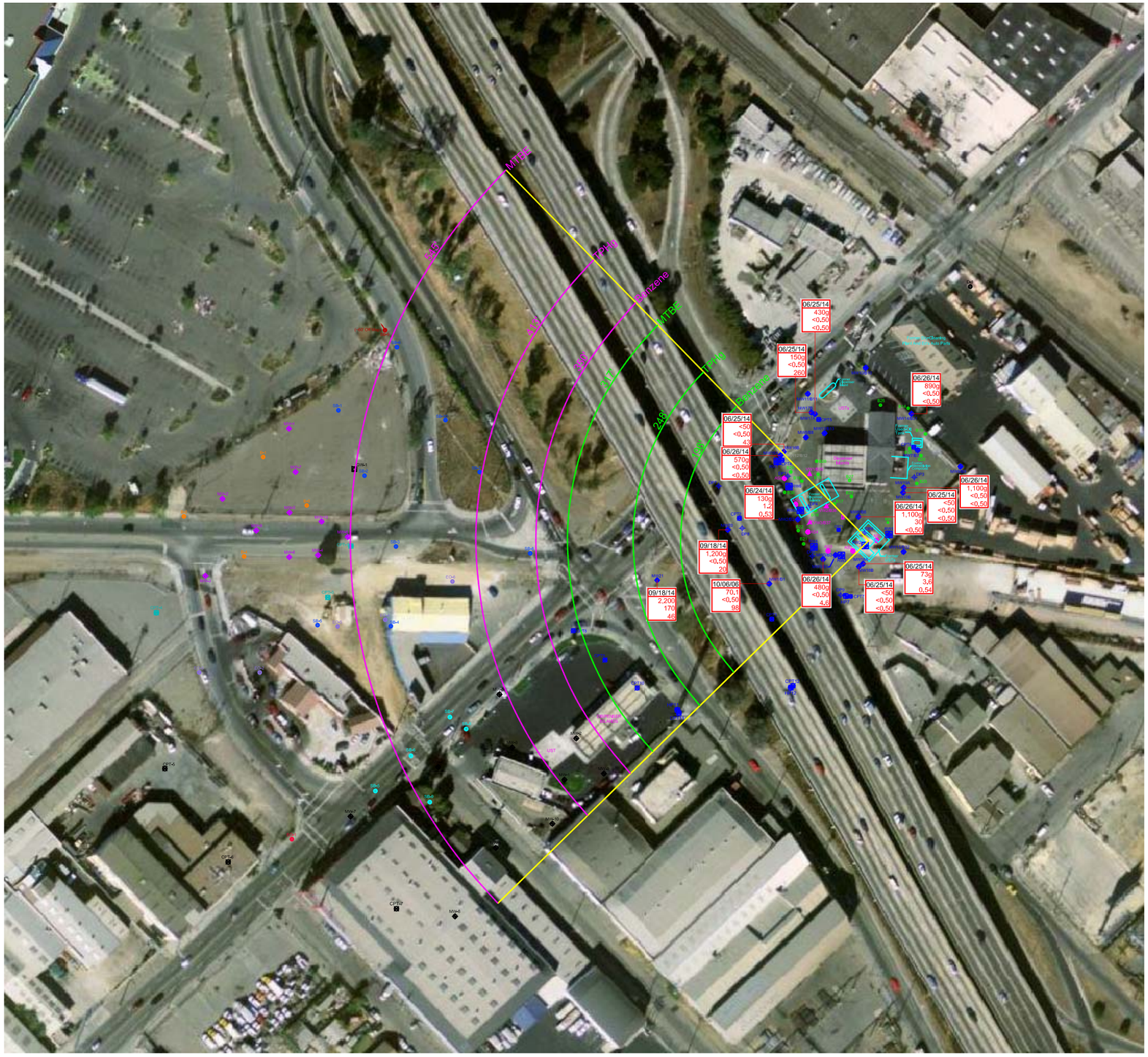
Plume lengths from SWRCB, 2011.

90th Percentile Plume Length

Average Plume Length

APPROXIMATE SCALE

0 120 240 Feet



N

EXPLANATION

MW21 Groundwater Monitoring Well

AS6 Air Sparge Well

RW4 Recovery Well

RW7 Destroyed Recovery Well

B38 Soil Boring/Soil Sample

DP9 Direct-Push Boring

CPT12 Cone Penetration Test Boring

HP12 Hydropunch Boring

VW1/B35 Soil Vapor Extraction Well

MW15 Destroyed Groundwater Monitoring Well

VW3/B37 Soil Vapor Extraction Well

CPT10 Abandoned Cone Penetrometer Test Boring

MW12/B12 Well Paved over - Inaccessible

MW-10 Groundwater Monitoring Well by Shell

SB-9 Soil Boring by Shell

MW-10 Groundwater Monitoring Well by Ekotek

CPT-7 Cone Penetration Test Boring by Ekotek Off Site

CPT-4 Cone Penetration Test Boring by Ekotek

SB-10 Soil Boring by Ekotek 12/2009 & 01-2010

B-6 Soil Boring by Ekotek July 1995

SB-9 Soil Boring by Ekotek Off Site

EC-1 Soil Boring by Enviro-Core Off Site

EC-6 Soil Boring By Enviro-Core

C-22 Soil Boring by Southern Pacific

MW-C-6 Groundwater Monitoring Well by Southern Pacific

GW-1 EBMUD Excavation Grab Groundwater Sample

DISSOLVED PHASE HYDROCARBONS IN GROUNDWATER

FORMER EXXON SERVICE STATION
720 High Street
Oakland, California

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Shaping the Future

Project	Figure
2010	4
Scale: 1"= 120'	

File Name: 2010 R34 TYPICAL PLUME LENGTH AERIAL_SP

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
Monitoring Well Samples														
MW1	05/21/88	---	Well installed.											
MW1	May-88	---	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
MW1	04/06/93	---	12.87	5.84	7.03	No	---	---	---	---	---	---	---	---
MW1	05/28/93	---	12.87	7.27	5.60	No	---	---	---	---	---	---	---	---
MW1	06/10/93	---	12.87	7.40	5.47	No	<100	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW1	07/17/93	---	12.87	8.08	4.79	No	---	---	---	---	---	---	---	---
MW1	08/11/93	---	12.87	8.54	4.33	No	<50p	<50	---	---	<0.5/<5o	<0.5/<5o	<0.5/<5o	<0.5/<5o
MW1	09/01/93	---	12.87	8.80	4.07	No	---	---	---	---	---	---	---	---

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

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

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW1	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-87	---	12.98	---	---	---	---	1,445	---	---	233	810	56	209
MW2	May-88	---	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	---	---	---	---	---	---	---	---
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.]	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW2	12/08/92	---	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	---	---	---	---	---	---	---	---
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

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW2	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.										
MW2	03/11/02 k	---	13.06	3.78	9.28	No	293	<1,000	62.0	30	<10.0	<10.0	<10.0	<10.0
MW2	03/11/03	---	13.06	5.49	7.57	No	422	1,490	325	428	279	3.0	9.8	18.9
MW2	03/27/04	---	13.06	4.65	8.41	No	184g	254	---	131	6.80	0.5	<0.5	1.2
MW2	11/02/04	---	13.06	4.43	8.63	No	96	52.0	---	8.00	1.40	<0.5	<0.5	<0.5
MW2	02/04/05	---	13.06	3.32	9.74	No	372g	66.0	---	8.30	<0.50	<0.5	<0.5	<0.5
MW2	05/02/05	---	13.06	2.74	10.32	No	195g	84.2	---	5.30	<0.50	<0.5	<0.5	<0.5
MW2	08/01/05	---	13.06	2.99	10.07	No	344g	<50.0	---	1.70	0.60	<0.5	<0.5	<0.5
MW2	10/25/05	---	13.06	2.08	10.98	No	55.3g	<50.0	---	1.22	<0.50	<0.50	<0.50	<0.50
MW2	01/24/06	---	13.06	2.77	10.29	No	170g	<50	---	1.6	<0.50	<0.50	<0.50	<0.50
MW2	04/28/06	---	13.06	1.46	11.60	No	6,900m	<50	---	1.4n	0.99n	<0.50	<0.50	<0.50
MW2	08/04/06	---	13.06	1.52	11.54	No	145	<50.0	---	0.820	<0.50	<0.50	<0.50	<0.50
MW2	10/06/06	---	13.06	5.55	7.51	No	90g	<50	---	2.1	0.78	<0.50	<0.50	<0.50
MW2	01/12/07	---	13.06	5.50	7.56	No	180g	95	---	7.0	7.6	<0.50	<0.50	<0.50
MW2	04/09/07	---	13.06	5.68	7.38	No	230g	115	---	8.99	1.36j	<0.50	<0.50	0.62
MW2	08/06/07	---	13.06	6.15	6.91	No	160g	83	---	7.4	0.65	<0.50	<0.50	<0.50
MW2	11/15/07	---	13.06	6.71	6.35	No	120g	140	---	13	22	<0.50	<0.50	<0.50
MW2	01/02/08	---	13.06	6.20	6.86	No	430j	890	---	25	330	<5.0	<5.0	6.6
MW2	04/03/08	---	13.06	5.10	7.96	No	230g	170	---	13	<0.50	1.0	<0.50	1.9
MW2	07/09/08	---	13.06	6.23	6.83	No	350g	86	---	6.4	<0.50	<0.50	<0.50	<0.50
MW2	10/01/08	---	13.06	Well covered by asphalt.										
MW2	01/07/09	---	13.06	Well covered by asphalt.										
MW2	01/16/09	---	13.06	6.99	6.07	No	1,100	1,000	---	14	290	3.6	1.2	11
MW2	04/24/09	---	13.06	5.76	7.30	No	310	570	---	6.1	<0.50	<0.50	<0.50	<1.0
MW2	07/01/09	---	13.06	6.37	6.69	No	290	68	---	11	<0.50	<0.50	<0.50	<1.0
MW2	10/01/09	---	13.06	6.61	6.45	No	---	---	---	---	---	---	---	---
MW2	03/04/10	---	13.06	3.84	9.22	No	---	---	---	---	---	---	---	---
MW2	05/06/10	---	13.06	4.10	8.96	No	680	230g	---	1.8	<0.50	<0.50	<0.50	<1.0
MW2	08/06/10	---	13.06	6.10	6.96	No	---	---	---	---	---	---	---	---
MW2	11/02/10	---	13.06	6.83	6.23	No	290	240g	---	4.4	15	<0.50	<0.50	<1.0
MW2	04/21/11	---	13.06	7.10	5.96	No	230	120g	---	1.2	<0.50	<0.50	<0.50	<1.0
MW2	10/18/11	---	13.06	7.51	5.55	No	270	100g	---	2.7	4.3	1.2	0.71t	3.0
MW2	04/25/12	---	13.06	4.77	8.29	No	200	140	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW2	10/04/12	---	13.06	7.27	5.79	No	420g	650g	---	1.5	34	3.8	<0.50	2.8
MW2	04/16/13	---	13.06	6.21	6.85	No	240	95g	---	1.3	3.1	<0.50	<0.50	<0.50
MW2	11/13/13	---	13.06	6.85	6.21	No	---	---	---	---	---	---	---	---
MW2	11/14/13	---	13.06	---	---	---	450g	930	---	1.1	37	1.1	1.6	3.0
MW2	06/25/14	---	13.06	5.79	7.27	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)	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	06/26/14	---	13.06	---	---	---	150g	130g	---	0.53	1.2	<0.50	<0.50	<0.50
MW3	09/10/87	---	Well installed.											
MW3	Sept-87	---	12.92	---	---	---	660	2,101	---	---	360	1,062	68	298
MW3	May-88	---	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	---	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW3	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	---	---	---	---	---	---	---	---
MW3	02/14/96	---	12.92	8.34	4.58	Sheen	---	---	---	---	---	---	---	---
MW3	06/19/96	---	12.92	6.35	6.57	Sheen	---	---	---	---	---	---	---	---
MW3	09/24/96	---	12.92	11.45	1.47	Sheen	---	---	---	---	---	---	---	---
MW3	12/11/96	---	12.92	7.89	5.03	No	17,000	4,800	30	---	340	<5.0	8.2	20
MW3	03/19/97	---	12.92	9.83	3.09	No	3,000	1,900	80	---	160	11	5.6	10
MW3	06/04/97	---	12.92	10.43	2.49	No	8,000	920	11	---	15	2.8	2.4	<2.0
MW3	09/02/97	---	12.92	12.45	0.47	Sheen	---	---	---	---	---	---	---	---
MW3	12/02/97	---	12.92	11.21	1.71	No	6,700	920	21	---	10	2.1	<1.0	2.7
MW3	03/24/98	---	12.92	5.93	6.99	No	4,600	1,500	25	---	5,500	<5.0	<5.0	<5.0
MW3	06/23/98	---	12.92	11.13	1.79	No	39,000	1,300	9.4	---	53	<1.0	<1.0	<1.0
MW3	09/29/98	---	12.92	10.46	2.46	Sheen	2,600	540	<5.0	---	6.8	1.9	1.4	2.3
MW3	12/30/98	---	12.92	9.72	3.20	No	11,000	4,000	<50	---	74	<10	<10	<10
MW3	03/24/99	---	12.92	4.36	8.56	Sheen	3,850	2,330	<20	---	<5.0	<5.0	<5.0	<5.0
MW3	06/22/99	---	12.92	6.22	6.70	No	6,860	1,470	<10	---	492	<2.5	<2.5	<2.5
MW3	09/29/99	---	12.92	8.10	4.82	No	2,290e	315	<5.0	---	11.5	3.07	<1.0	2.54
MW3	12/21/99	---	12.92	7.99	4.93	No	37,000	6,600	4	---	22	5	5.1	31.4
MW3	01/26/00	---	12.92	5.48	7.44	No	2,600g	---	---	---	---	---	---	---
MW3	03/21/00	---	12.92	Well inaccessible.										
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.										
MW3	03/11/02 k	---	13.71	4.72	8.99	No	19,100	<2,500	130	175	165	<25.0	<25.0	<25.0
MW3	03/11/03	---	13.71	6.23	7.48	No	1,190	887	122	119	71.9	0.8	1.1	2.0

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)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW3	03/26/04	---	13.71	5.47	8.24	No	16,500g	1,350	---	98.4	30.8	1.6	<0.5	3.8
MW3	11/02/04	---	13.71	5.30	8.41	No	3,620g	466	---	30.8	32.4	<0.5	<0.5	4.7
MW3	02/04/05	---	13.71	4.14	9.57	No	2,850g	531	---	22.7	19.3	<0.5	0.6	1.6
MW3	05/02/05	---	13.71	3.41	10.30	No	3,940g	586	---	29.5	36.3	3.1	0.8	4.3
MW3	08/01/05	---	13.71	3.88	9.83	No	1,550	815	---	18.1	36.6	0.6	1.1	2.4
MW3	10/25/05	---	13.71	3.11	10.60	No	4,010g	379	---	3.47	<0.50	<0.50	<0.50	1.01
MW3	01/24/06	---	13.71	2.69	11.02	No	2,200g	510	---	13	35	<1.0	2.1	<1.0
MW3	04/28/06	---	13.71	2.44	11.27	No	100g	330	---	13n	3.8n	<1.0	<1.0	<1.0
MW3	08/04/06	---	13.71	2.51	11.20	No	3,890	441	---	10.1	14.7	0.57	1.44	4.23
MW3	10/06/06	---	13.71	6.33	7.38	No	5,300j	360	---	9.7	3.8	<1.0	<1.0	<1.0
MW3	01/12/07	---	13.71	6.20	7.51	No	4,700	300	---	9.0	3.9	<2.5	<2.5	<2.5
MW3	04/09/07	---	13.71	6.47	7.24	No	1,600	428	---	11.8	3.33j	<0.50	0.74	4.11
MW3	08/06/07	---	13.71	6.91	6.80	No	5,200	390	---	8.1	5.3	<0.50	<0.50	<0.50
MW3	11/15/07	---	13.71	7.47	6.24	No	7,000	290	---	6.2	3.0	<0.50	<0.50	<0.50
MW3	01/02/08	---	13.71	6.87	6.84	No	19,000j	390	---	9.9	6.4	<1.0	<1.0	<1.0
MW3	04/03/08	---	13.71	5.96	7.75	No	1,200	330	---	10	4.7	2.5	<0.50	2.9
MW3	07/09/08	---	13.71	7.00	6.71	No	2,500	640	---	11	10	3.2	<0.50	1.6
MW3	10/01/08	---	13.71	7.56	6.15	No	590	730	---	6.0	1.4	<0.50	<0.50	<1.0
MW3	01/07/09	---	13.71	7.61	6.10	No	6,900	760	---	5.9	<0.50	<0.50	1.5	3.0
MW3	01/16/09	---	13.71	7.74	5.97	No	---	---	---	---	---	---	---	---
MW3	04/24/09	---	13.71	6.47	7.24	No	6,700	2,200	---	12	<0.50	<0.50	1.5	3.3
MW3	07/01/09	---	13.71	7.05	6.66	No	1,700	390	---	4.3	<0.50	<0.50	<0.50	2.8
MW3	10/01/09	---	13.71	7.36	6.35	No	---	---	---	---	---	---	---	---
MW3	03/04/10	---	13.71	4.64	9.07	No	---	---	---	---	---	---	---	---
MW3	05/06/10	---	13.71	4.83	8.88	No	2,700	1,300	---	8.9	<0.50	<0.50	<0.50	<1.0
MW3	08/06/10	---	13.71	8.52	5.19	No	---	---	---	---	---	---	---	---
MW3	11/02/10	---	13.71	7.37	6.34	No	1,300	1,100g	---	10	<0.50	<0.50	<0.50	<1.0
MW3	04/21/11	---	13.71	7.67	6.04	0.04	---	---	---	---	---	---	---	---
MW3	04/22/11	---	13.71	---	---	---	26,000	1,900g	---	5.4	<0.50	<0.50	<0.50	<1.0
MW3	05/02/11	---	13.71	7.62	6.09	0.05	---	---	---	---	---	---	---	---
MW3	10/18/11	---	13.71	8.45	5.26	0.13	---	---	---	---	---	---	---	---
MW3	04/25/12	---	13.71	5.63	8.08	Sheen	9,100	3,200,000g	---	4.5v	<0.50	<0.50	<0.50	<1.0
MW3	10/04/12	---	13.71	8.00	5.71	0.19	110,000g	5,400,000g	---	<50	<0.50	<0.50	<0.50	<1.0
MW3	04/16/13	---	13.71	7.37	6.34	Sheen	3,600	570g	---	7.5	<0.50	<0.50	<0.50	<0.50
MW3	11/13/13	---	13.71	7.90	5.85	0.05	---	---	---	---	---	---	---	---
MW3	11/14/13	---	13.71	---	---	---	1,200g	320	---	4.3	<0.50	<0.50	<0.50	<0.50
MW3	06/25/14	---	13.71	7.35	6.36	No	---	---	---	---	---	---	---	---
MW3	06/26/14	---	13.71	---	---	---	3,900g	480g	---	4.6	<0.50	<0.50	<0.50	<0.50
MW4	09/10/87	---	Well installed.											
MW4	Sept-87	---	12.77	---	---	---	740	92,500	---	---	70	7	10	16
MW4	May-88	---	12.77	---	---	LPH	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW4	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	---	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW4	01/20/94	---	12.77	---	---	---	---	---	---	---	---	---	---	---
MW4	02/02/94 - 02/03/94	---	12.77	---	---	[1 c.]	---	---	---	---	---	---	---	---
MW4	03/10/94	---	12.77	7.12	5.65	[8 c.]	---	---	---	---	---	---	---	---
MW4	04/22/94	---	12.77	---	---	[10 c.]	---	---	---	---	---	---	---	---
MW4	05/10/94 - 05/11/94	---	12.77	---	---	[5 c.]	---	---	---	---	---	---	---	---
MW4	06/27/94	---	12.77	6.5	6.27	0.01	---	---	---	---	---	---	---	---
MW4	08/31/94	---	12.77	7.84	4.93	0.02	---	---	---	---	---	---	---	---
MW4	09/29/94	---	12.77	8.43	4.34	0.03	---	---	---	---	---	---	---	---
MW4	10/25/94	---	12.77	9.24	3.53	Sheen	---	---	---	---	---	---	---	---
MW4	11/30/94	---	12.77	6.77	6.00	---	---	---	---	---	---	---	---	---
MW4	12/27/94	---	12.77	6.14	6.63	Sheen	---	---	---	---	---	---	---	---
MW4	02/06/95	---	12.77	4.87	7.90	Sheen	---	---	---	---	---	---	---	---
MW4	06/07/95	---	12.77	6.91	5.86	Sheen	---	---	---	---	---	---	---	---
MW4	09/18/95	---	12.77	9.59	3.18	Sheen	---	---	---	---	---	---	---	---
MW4	11/01/95	---	12.77	11.52	1.25	Sheen	---	---	---	---	---	---	---	---
MW4	02/14/96	---	12.77	8.56	4.21	Sheen	---	---	---	---	---	---	---	---
MW4	06/19/96	---	12.77	6.09	6.68	Sheen	---	---	---	---	---	---	---	---
MW4	09/24/96	---	12.77	10.20	2.57	Sheen	---	---	---	---	---	---	---	---
MW4	12/11/96	---	12.77	7.78	4.99	Sheen	---	---	---	---	---	---	---	---
MW4	03/19/97	---	12.77	8.56	4.21	Sheen	---	---	---	---	---	---	---	---
MW4	06/04/97	---	12.77	9.31	3.46	Sheen	---	---	---	---	---	---	---	---
MW4	09/02/97	---	12.77	10.00	2.77	Sheen	---	---	---	---	---	---	---	---
MW4	12/02/97	---	12.77	8.72	4.05	No	15,000	1,500	50	---	<2.5	9.7	3.0	10
MW4	03/24/98	---	12.77	5.79	6.98	No	6,400	540	38	---	<0.5	4.4	1.6	5.4
MW4	06/23/98	---	12.77	8.50	4.27	Sheen	7,500	1,000	25	---	3.3	<2.0	<2.0	<2.0
MW4	09/29/98	---	12.77	9.77	3.00	Sheen	65,000	7,300	<50	---	<10	<10	<10	<10
MW4	12/30/98	---	12.77	8.54	4.23	Sheen	12,000	1,000	170	---	3.8	5.1	<2.5	4.1
MW4	03/24/99	---	12.77	4.41	8.36	Sheen	20,500	1,300	4.40	---	2.64	<1.0	<1.0	<1.0
MW4	06/22/99	---	12.77	5.71	7.06	No	9,760	1,470	<10	---	404	<2.5	<2.5	<2.5
MW4	09/29/99	---	12.77	7.32	5.45	No	2,470f	589c	8.12	---	12.6	<1.0	<1.0	<1.0
MW4	12/21/99	---	12.77	7.58	5.19	No	230,000	2,000	<2	---	<0.5	0.56	1.9	18.6
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	09/10/87	---	Well installed.											
MW5	Sept-87	---	8.38	---	---	---	37,220	26,600	---	---	560	1,710	1,580	7,150
MW5	May-88	---	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-88	---	14.27	---	---	---	---	29,300	---	---	12,820	550	1,440	5,500

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)	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	04/25/89	---	14.27	8.02	6.25	No	---	---	---	---	---	---	---	---
MW6	09/06/89	---	14.27	13.64	0.69	0.08	---	---	---	---	---	---	---	---
MW6	09/22/89	---	14.27	13.79	0.54	0.07	---	---	---	---	---	---	---	---
MW6	11/01/89	---	14.27	12.78	1.49	Sheen	---	---	---	---	---	---	---	---
MW6	11/15/89	---	14.27	12.91	1.36	Sheen	---	---	---	---	---	---	---	---
MW6	12/06/89	---	14.27	11.84	2.43	No	4,800	9,000	---	---	370	13	2.6	430
MW6	02/20/90	---	14.27	9.08	5.19	No	---	---	---	---	---	---	---	---
MW6	04/19/90	---	14.27	9.72	4.55	No	26,000	27,000	---	---	3,000	120	490	2,100
MW6	07/03/90	---	14.27	8.00	6.27	No	13,000	30,000	---	---	5,500	1,400	1,200	3,100
MW6	07/26/90	---	14.27	8.70	5.57	No	---	---	---	---	---	---	---	---
MW6	08/20/90	---	14.27	9.62	4.65	No	---	---	---	---	---	---	---	---
MW6	09/19/90	---	14.27	10.25	4.02	Sheen	---	---	---	---	---	---	---	---
MW6	11/27/90	---	14.27	10.82	3.45	Sheen	7,600	15,000	---	---	4,400	120	800	2,300
MW6	01/17/91	---	14.27	9.93	4.34	No	---	---	---	---	---	---	---	---
MW6	03/26/91	---	14.27	8.45	5.82	No	<100	55,000	---	---	10,000	380	1,600	6,900
MW6	05/02/91	---	14.27	8.90	5.37	No	---	---	---	---	---	---	---	---
MW6	06/20/91	---	14.27	9.47	4.80	Sheen	---	---	---	---	---	---	---	---
MW6	08/07/91	---	14.27	10.10	4.17	Sheen	---	---	---	---	---	---	---	---
MW6	09/17/91	---	14.27	10.21	4.06	Sheen	---	17,000	---	---	4,500	160	890	3,100
MW6	11/13/91	---	14.27	9.62	4.65	Sheen	---	---	---	---	---	---	---	---
MW6	12/10/91	---	14.27	9.59	4.68	Sheen	1,200	32,000	---	---	6,000	290	1,400	4,700
MW6	01/21/92	---	14.27	9.25	5.02	Sheen	---	---	---	---	---	---	---	---
MW6	03/25/92	---	14.27	6.88	7.39	No	2,700	21,000	---	---	8,000	250	1,700	5,000
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	---	---	---	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW6	03/10/94	---	14.27	7.82	6.45	[1/4 c.]	---	---	---	---	---	---	---	---
MW6	04/22/94	---	14.27	---	---	[10 c.]	---	---	---	---	---	---	---	---
MW6	05/10/94 - 05/11/94	---	14.27	---	---	[3 c.]	---	---	---	---	---	---	---	---
MW6	06/27/94	---	14.27	7.77	6.50	Sheen	---	---	---	---	---	---	---	---
MW6	08/31/94	---	14.27	9.02	5.25	Sheen	---	---	---	---	---	---	---	---
MW6	09/29/94	---	14.27	9.51	4.76	Sheen	---	---	---	---	---	---	---	---
MW6	10/25/94	---	14.27	9.93	4.34	Sheen	---	---	---	---	---	---	---	---
MW6	11/30/94	---	14.27	8.05	6.22	---	---	---	---	---	---	---	---	---
MW6	12/27/94	---	14.27	7.54	6.73	---	---	---	---	---	---	---	---	---
MW6	02/06/95	---	14.27	5.86	8.41	Sheen	---	---	---	---	---	---	---	---
MW6	06/07/95	---	14.27	8.07	6.20	Sheen	---	---	---	---	---	---	---	---
MW6	09/18/95	---	14.27	10.54	3.73	Sheen	---	---	---	---	---	---	---	---
MW6	11/01/95	---	14.27	11.41	2.86	Sheen	---	---	---	---	---	---	---	---
MW6	02/14/96	---	14.27	9.17	5.10	Sheen	---	---	---	---	---	---	---	---
MW6	06/19/96	---	14.27	7.13	7.14	Sheen	---	---	---	---	---	---	---	---
MW6	09/24/96	---	14.27	11.24	3.03	Sheen	---	---	---	---	---	---	---	---
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.										
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

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)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW6	08/04/06	---	14.23	3.07	11.16	No	899	4,070	---	0.920	294	4.42	74.1	19.9
MW6	10/06/06	---	14.23	5.64	8.59	No	430g,j	1,900	---	<0.50	140	<12	24	<12
MW6	01/12/07	---	14.23	5.82	8.41	No	300g	1,700	---	<0.50	98	<5.0	16	<5.0
MW6	04/09/07	---	14.23	6.03	8.20	No	230g	2,150	---	<0.500	116j	1.66	12.3	6.39
MW6	08/06/07	---	14.23	6.40	7.83	No	190g	<500	---	<0.50	85	<5.0	<5.0	<5.0
MW6	11/15/07	---	14.23	6.93	7.30	No	390g	410	---	<0.50	57	<2.5	<2.5	<2.5
MW6	01/02/08	---	14.23	6.40	7.83	No	170g,j	670	---	<0.50	63	<2.5	<2.5	<2.5
MW6	04/03/08	---	14.23	5.47	8.76	No	340g	460	---	<0.50	13	1.9	2.3	2.9
MW6	07/09/08	---	14.23	6.50	7.73	No	290g	1,200	---	<0.50	86	<5.0	<5.0	<5.0
MW6	10/01/08	---	14.23	Well covered by asphalt.										
MW6	01/07/09	---	14.23	Well covered by asphalt.										
MW6	01/16/09	---	14.23	7.25	6.98	No	110	200	---	<0.50	1.9	<0.50	<0.50	<1.0
MW6	04/24/09	---	14.23	5.91	8.32	No	160	450	---	<0.50	54	<0.50	0.57o	<1.0
MW6	07/01/09	---	14.23	6.47	7.76	No	<50	150	---	<0.50	30	<0.50	<0.50	<1.0
MW6	10/01/09	---	14.23	6.70	7.53	No	---	---	---	---	---	---	---	---
MW6	03/04/10	---	14.23	4.21	10.02	No	---	---	---	---	---	---	---	---
MW6	05/06/10	---	14.23	4.46	9.77	No	74g	480g	---	<0.50	38	0.57t	0.56t	<1.0
MW6	08/06/10	---	14.23	6.07	8.16	No	---	---	---	---	---	---	---	---
MW6	11/02/10	---	14.23	6.92	7.31	No	84g	200g	---	<0.50	14	<0.50	<0.50	<1.0
MW6	04/21/11	---	14.23	6.22	8.01	No	110g	420g	---	<0.50	42	<0.50	<0.50	<1.0
MW6	10/18/11	---	14.23	6.64	7.59	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW6	04/25/12	---	14.23	4.35	9.88	No	<50	200	---	<0.50	9.4	<0.50	<0.50	4.9
MW6	10/04/12	---	14.23	6.34	7.89	No	<50	93g	---	<0.50	7.2	2.0	<0.50	1.5t
MW6	04/16/13	---	14.23	5.52	8.71	No	120g	140g	---	<0.50	2.9	<0.50	<0.50	<0.50
MW6	11/13/13	---	14.23	5.87	8.36	No	---	---	---	---	---	---	---	---
MW6	11/14/13	---	14.23	---	---	---	87g	160	---	<0.50	14	<0.50	<0.50	<0.50
MW6	06/25/14	---	14.23	4.73	9.50	No	---	---	---	---	---	---	---	---
MW6	06/26/14	---	14.23	---	---	---	90g	1,100g	---	<0.50	30	<0.50	<0.50	<0.50
MW7	09/10/87	---	Well installed.											
MW7	Sept-87	---	14.84	---	---	---	1,531	2,790	---	---	258	2	<2	42
MW7	May-88	---	14.84	---	---	---	---	19	---	---	300o	<10o	<10o	<10o
MW7	04/25/89	---	14.84	8.66	6.18	No	---	---	---	---	---	---	---	---
MW7	09/06/89	---	14.84	11.72	3.12	Sheen	---	---	---	---	---	---	---	---
MW7	09/22/89	---	14.84	11.89	2.95	No	---	---	---	---	---	---	---	---
MW7	12/06/89	---	14.84	10.46	4.38	No	2,500	1,700	---	---	220	5.3	5	8.6
MW7	02/20/90	---	14.84	8.44	6.40	No	---	---	---	---	---	---	---	---
MW7	04/19/90	---	14.84	9.54	5.30	No	3,500	2,700	---	---	220	8.6	7	20
MW7	07/03/90	---	14.84	7.54	7.39	No	910	2,500	---	---	380	13	16	35
MW7	07/26/90	---	14.84	8.08	6.76	No	---	---	---	---	---	---	---	---
MW7	08/20/90	---	14.84	8.82	6.02	No	---	---	---	---	---	---	---	---
MW7	09/19/90	---	14.84	9.01	5.83	No	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW7	11/27/90	---	14.84	9.54	5.30	No	1,300	2,300	---	---	630	16	32	29
MW7	01/17/91	---	14.84	8.50	6.34	No	---	---	---	---	---	---	---	---
MW7	03/26/91	---	14.84	5.92	8.92	No	<100	<3,500	---	---	420	18	17	27
MW7	05/02/91	---	14.84	7.72	7.12	No	---	---	---	---	---	---	---	---
MW7	06/20/91	---	14.84	8.19	6.65	No	<100	3,100	---	---	270	8.8	33	19
MW7	08/07/91	---	14.84	8.70	6.14	No	---	---	---	---	---	---	---	---
MW7	09/17/91	---	14.84	8.77	6.07	No	---	2,400	---	---	390	10	15	18
MW7	11/13/91	---	14.84	8.51	6.33	No	---	---	---	---	---	---	---	---
MW7	12/10/91	---	14.84	8.58	6.26	No	530	1,700	---	---	290	5.3	7.1	<0.5
MW7	01/21/92	---	14.84	8.32	6.52	No	---	---	---	---	---	---	---	---
MW7	03/25/92	---	14.84	9.27	5.57	No	760	1,500	---	---	320	7.2	16	19
MW7	06/22/92	---	14.84	6.97	7.87	No	830	3,100	---	---	260	5.8	21	27
MW7	09/24/92	---	14.84	8.00	6.84	No	660	3,900	---	---	160	4.6	3.7	13
MW7	10/14/92	---	14.84	8.15	6.69	No	---	---	---	---	---	---	---	---
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

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW7	09/18/95	---	14.84	9.81	5.03	No	1,100	1,800	<25	---	17	<5.0	<5.0	<5.0
MW7	11/01/95	---	14.84	10.56	4.28	No	1,700	3,000	<13	---	2.7	11	25	<2.5
MW7	02/14/96	---	14.84	8.04	6.80	No	1,200	1,900	<25	---	59	<5.0	<5.0	<5.0
MW7	06/19/96	---	14.84	7.33	7.51	No	1,400	2,000	<25	---	96	<5.0	<5.0	5.6
MW7	09/24/96	---	14.84	10.10	4.74	No	1,100	950	<25	---	6.8	<5.0	<5.0	<5.0
MW7	12/11/96	---	14.84	8.50	6.34	No	1,600	2,500	<10	---	50	<2.0	6.4	30
MW7	03/19/97	---	14.84	8.88	5.96	No	840	2,700	<25	---	61	8.0	21	68
MW7	06/04/97	---	14.84	9.38	5.46	No	1,000	1,900	<2.5	---	45	<2.0	5.3	13
MW7	09/02/97	---	14.84	9.69	5.15	No	790	1,700	<2.5	---	28	2.2	<2.0	5.9
MW7	12/02/97	---	14.84	8.65	6.19	No	1,100	2,000	14	---	33	2.2	2.0	5.8
MW7	03/24/98	---	14.84	6.40	8.44	No	950	2,300	<25	---	73	<5.0	<5.0	22
MW7	06/23/98	---	14.84	8.34	6.50	No	1,600	4,700	140	---	50	<5.0	12	20
MW7	09/29/98	---	14.84	9.76	5.08	No	630	700	<5.0	---	2.7	1.3	2.4	5.3
MW7	12/30/98	---	14.84	8.86	5.98	No	1,700	1,400	<5.0	---	17	7.7	2.8	16
MW7	03/24/99	---	14.84	5.48	9.36	Sheen	860	1,740	6.73	---	59.2	2.76	4.33	15.1
MW7	06/22/99	---	14.84	6.54	8.30	No	5,330	3,250	<4.0	---	59.5	3.96	2.89	6.38
MW7	09/29/99	---	14.84	8.45	6.39	No	1,750f	1,360c,d	<25	---	3.07	<2.5	5.02	6.32
MW7	12/21/99	---	14.84	8.39	6.45	No	4,600	2,900	<2	---	47	2	1.7	8.53
MW7	03/21/00	---	14.84	4.72	10.12	No	1,500	760	<2	---	43	2	2.2	10.8
MW7	12/21/00	---	Well destroyed.											
MW8	09/10/87	---	Well installed.											
MW8	Sept-87	---	13.45	---	---	---	---	1,325	---	---	81	74	42	182
MW8	May-88	---	13.45	---	---	LPH	---	---	---	---	---	---	---	---
MW8	04/25/89	---	13.45	8.31	5.67	0.66	---	---	---	---	---	---	---	---
MW8	07/19/89	---	13.45	10.97	3.48	1.25	---	---	---	---	---	---	---	---
MW8	07/27/89	---	13.45	10.34	3.17	0.08	---	---	---	---	---	---	---	---
MW8	09/06/89	---	13.45	11.09	2.50	0.17	---	---	---	---	---	---	---	---
MW8	09/22/89	---	13.45	11.58	2.16	0.36	---	---	---	---	---	---	---	---
MW8	11/01/89	---	13.45	11.03	2.42	No	---	---	---	---	---	---	---	---
MW8	11/15/89	---	13.45	11.25	2.21	0.01	---	---	---	---	---	---	---	---
MW8	12/06/89	---	13.45	10.30	3.15	Sheen	34,000	42,000	---	---	2,600	630	210	3,700
MW8	02/20/90	---	13.45	8.00	5.46	0.01	---	---	---	---	---	---	---	---
MW8	04/19/90	---	13.45	8.50	4.95	No	53,000	49,000	---	---	2,100	820	1,100	4,800
MW8	07/03/90	---	13.45	7.55	5.90	No	32,000	44,000	---	---	4,000	1,500	2,000	6,300
MW8	07/26/90	---	13.45	7.86	5.59	No	---	---	---	---	---	---	---	---
MW8	08/20/90	---	13.45	8.92	4.53	No	---	---	---	---	---	---	---	---
MW8	09/19/90	---	13.45	9.55	3.90	No	---	---	---	---	---	---	---	---
MW8	11/27/90	---	13.45	10.29	3.17	0.01	---	---	---	---	---	---	---	---
MW8	01/17/91	---	13.45	9.97	3.48	Sheen	---	---	---	---	---	---	---	---
MW8	03/26/91	---	13.45	8.45	5.00	Sheen	---	---	---	---	---	---	---	---
MW8	05/02/91	---	13.45	8.85	4.60	Sheen	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW8	06/20/91	---	13.45	9.45	4.00	Sheen	---	---	---	---	---	---	---	---
MW8	08/07/91	---	13.45	10.00	3.45	Sheen	---	---	---	---	---	---	---	---
MW8	09/17/91	---	13.45	10.11	3.34	Sheen	---	57,000	---	---	14,000	7,800	3,100	12,000
MW8	11/13/91	---	13.45	9.63	3.82	Sheen	---	---	---	---	---	---	---	---
MW8	12/10/91	---	13.45	9.66	3.79	Sheen	1,400	66,000	---	---	9,500	5,000	3,100	12,000
MW8	01/21/92	---	13.45	9.35	4.10	Sheen	---	---	---	---	---	---	---	---
MW8	03/25/92	---	13.45	8.02	5.43	Sheen	---	---	---	---	---	---	---	---
MW8	06/22/92	---	13.45	7.01	6.44	Sheen	---	---	---	---	---	---	---	---
MW8	09/24/92	---	13.45	8.33	5.12	Sheen	---	---	---	---	---	---	---	---
MW8	10/14/92	---	13.45	8.65	4.80	Sheen	---	---	---	---	---	---	---	---
MW8	11/16/92	---	13.45	8.27	5.18	Sheen	---	---	---	---	---	---	---	---
MW8	12/08/92	---	13.45	8.25	5.20	Sheen	---	---	---	---	---	---	---	---
MW8	01/27/93	---	13.45	5.22	8.23	Sheen	---	---	---	---	---	---	---	---
MW8	02/18/93	---	13.45	4.27	9.18	Sheen	---	---	---	---	---	---	---	---
MW8	03/10/93	---	13.45	5.30	8.15	Sheen	---	---	---	---	---	---	---	---
MW8	04/06/93	---	13.45	4.56	8.89	Sheen	---	---	---	---	---	---	---	---
MW8	05/28/93	---	13.45	5.62	7.83	Sheen	---	---	---	---	---	---	---	---
MW8	06/10/93	---	13.45	5.75	7.70	Sheen	---	---	---	---	---	---	---	---
MW8	07/17/93	---	13.45	6.43	7.02	Sheen	---	---	---	---	---	---	---	---
MW8	08/11/93	---	13.45	6.99	6.46	Sheen	2,600/370q	53,000	---	---	4,200/4,900o	1,300/1,600o	2,600/3,300o	7,200/8,200o
MW8	09/01/93	---	13.45	7.33	6.12	Sheen	---	---	---	---	---	---	---	---
MW8	10/26/93	---	13.45	7.98	5.47	Sheen	---	---	---	---	---	---	---	---
MW8	11/12/93	---	13.45	8.07	5.38	Sheen	---	---	---	---	---	---	---	---
MW8	12/27/93	---	13.45	---	---	---	---	---	---	---	---	---	---	---
MW8	01/20/94	---	13.45	8.90	4.55	Sheen	---	---	---	---	---	---	---	---
MW8	02/02/94 - 02/03/94	---	13.45	8.58	4.87	Sheen	---	---	---	---	---	---	---	---
MW8	03/10/94	---	13.45	7.16	6.29	No	---	---	---	---	---	---	---	---
MW8	04/22/94	---	13.45	7.34	6.11	Sheen	---	---	---	---	---	---	---	---
MW8	05/10/94 - 05/11/94	---	13.45	7.04	6.41	Sheen	---	---	---	---	---	---	---	---
MW8	06/27/94	---	13.45	6.01	7.44	Sheen	---	---	---	---	---	---	---	---
MW8	08/31/94	---	13.45	9.26	4.19	Sheen	---	---	---	---	---	---	---	---
MW8	09/29/94	---	13.45	9.76	3.69	Sheen	---	---	---	---	---	---	---	---
MW8	10/25/94	---	13.45	10.05	3.40	Sheen	---	---	---	---	---	---	---	---
MW8	11/30/94	---	13.45	7.68	5.77	---	---	---	---	---	---	---	---	---
MW8	12/27/94	---	13.45	7.11	6.34	Sheen	---	---	---	---	---	---	---	---
MW8	02/06/95	---	13.45	5.39	8.06	Sheen	---	---	---	---	---	---	---	---
MW8	06/07/95	---	13.45	7.53	5.92	Sheen	---	---	---	---	---	---	---	---
MW8	09/18/95	---	13.45	9.84	3.61	Sheen	---	---	---	---	---	---	---	---
MW8	11/01/95	---	13.45	10.47	2.98	Sheen	---	---	---	---	---	---	---	---
MW8	02/14/96	---	13.45	8.27	5.18	Sheen	---	---	---	---	---	---	---	---
MW8	06/19/96	---	13.45	6.88	6.57	Sheen	---	---	---	---	---	---	---	---
MW8	09/24/96	---	13.45	10.13	3.32	Sheen	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW8	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	05/12/88	---	Well installed.											
MW9	May-88	---	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	---	---	---	---	---	---	---	---
MW9	09/17/91	---	14.64	9.57	5.07	No	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	11/13/91	---	14.64	9.46	5.18	No	---	---	---	---	---	---	---	---
MW9	12/10/91	---	14.64	9.30	5.34	No	52	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	01/21/92	---	14.64	9.68	4.96	No	---	---	---	---	---	---	---	---
MW9	03/25/92	---	14.64	8.93	5.71	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	06/22/92	---	14.64	7.45	7.19	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	09/24/92	---	14.64	8.69	5.95	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	10/14/92	---	14.64	8.83	5.81	No	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW9	11/16/92	---	14.64	8.80	5.84	No	---	---	---	---	---	---	---	---
MW9	12/08/92	---	14.64	8.70	5.94	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	01/27/93	---	14.64	---	---	---	---	---	---	---	---	---	---	---
MW9	02/18/93	---	14.64	9.22	5.42	No	---	---	---	---	---	---	---	---
MW9	03/10/93	---	14.64	5.25	9.39	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	04/06/93	---	14.64	5.07	9.57	No	---	---	---	---	---	---	---	---
MW9	05/28/93	---	14.64	6.08	8.56	No	---	---	---	---	---	---	---	---
MW9	06/10/93	---	14.64	6.27	8.37	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	07/17/93	---	14.64	7.09	7.55	No	---	---	---	---	---	---	---	---
MW9	08/11/93	---	14.64	7.60	7.04	No	<50/<50p	<50	---	---	<0.5/<5o	<0.5/<5o	<0.5/<5o	<0.5/<5o
MW9	09/01/93	---	14.64	7.95	6.69	No	---	---	---	---	---	---	---	---
MW9	10/26/93	---	14.64	8.44	6.20	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	11/12/93	---	14.64	8.44	6.20	No	---	---	---	---	---	---	---	---
MW9	12/27/93	---	14.64	8.37	6.27	No	---	---	---	---	---	---	---	---
MW9	01/20/94	---	14.64	---	---	---	---	---	---	---	---	---	---	---
MW9	02/02/94 - 02/03/94	---	14.64	---	---	---	---	---	---	---	---	---	---	---
MW9	03/10/94	---	14.64	6.90	7.74	No	---	---	---	---	---	---	---	---
MW9	04/22/94	---	14.64	7.38	7.26	No	---	---	---	---	---	---	---	---
MW9	05/10/94 - 05/11/94	---	14.64	6.96	7.68	No	---	---	---	---	---	---	---	---
MW9	06/27/94	---	14.64	7.65	6.99	No	---	---	---	---	---	---	---	---
MW9	08/31/94	---	14.64	8.87	5.77	No	---	---	---	---	---	---	---	---
MW9	09/29/94	---	14.64	9.19	5.45	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	10/25/94	---	14.64	9.66	4.98	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	11/30/94	---	14.64	8.38	6.26	---	---	---	---	---	---	---	---	---
MW9	12/27/94	---	14.64	7.29	7.35	No	---	---	---	---	---	---	---	---
MW9	02/06/95	---	14.64	5.74	8.90	No	56	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	06/07/95	---	14.64	8.33	6.31	No	72	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9	09/18/95	---	14.64	9.28	5.36	No	60	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9	11/01/95	---	14.64	10.09	4.55	No	61	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9	02/14/96	---	14.64	6.26	8.38	No	83	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9	06/19/96	---	14.64	6.68	7.96	No	68	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9	09/24/96	---	14.64	9.72	4.92	No	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9	12/11/96	---	14.64	8.11	6.53	No	91	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9	03/19/97	---	14.64	7.72	6.92	No	140	<50	<2.5	---	0.83	<0.5	<0.5	<0.5
MW9	06/04/97	---	14.64	8.87	5.77	No	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9	09/02/97	---	14.64	9.44	5.20	No	140	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9	12/02/97	---	14.64	8.43	6.21	No	71	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9	03/24/98	---	14.64	5.84	8.80	No	62	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9	06/23/98	---	14.64	7.81	6.83	No	69	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9	09/29/98	---	14.64	9.26	5.38	No	52	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9	12/30/98	---	14.64	8.28	6.36	No	74	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9	03/24/99	---	14.64	4.74	9.90	No	71.1	b	b	---	b	b	b	b

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW9	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	11/27/89	---	Well installed.											
MW10	12/06/89	---	14.05	10.46	3.59	No	<100	320	---	---	3.7	14	5.6	32
MW10	02/20/90	---	14.05	8.12	5.93	No	---	---	---	---	---	---	---	---
MW10	04/19/90	---	14.05	8.54	5.51	No	<100	<20	---	---	<0.5	<0.5	<0.5	<0.5
MW10	07/03/90	---	14.05	7.88	6.17	No	<100	<20	---	---	<0.5	<0.5	<0.5	<0.5
MW10	07/26/90	---	14.05	8.19	5.86	No	---	---	---	---	---	---	---	---
MW10	08/20/90	---	14.05	10.33	3.72	No	---	---	---	---	---	---	---	---
MW10	09/19/90	---	14.05	9.49	4.56	No	---	---	---	---	---	---	---	---
MW10	11/27/90	---	14.05	9.89	4.16	No	<100	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW10	01/17/91	---	14.05	9.19	4.86	No	---	---	---	---	---	---	---	---
MW10	03/26/91	---	14.05	7.48	6.57	No	<100	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW10	05/02/91	---	14.05	8.16	5.89	No	---	---	---	---	---	---	---	---
MW10	06/20/91	---	14.05	8.75	5.3	No	<100	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW10	08/07/91	---	14.05	9.53	4.52	No	---	---	---	---	---	---	---	---
MW10	09/17/91	---	14.05	9.72	4.33	No	<100	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW10	11/13/91	---	14.05	10.02	4.03	No	---	---	---	---	---	---	---	---
MW10	12/10/91	---	14.05	9.12	4.93	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW10	01/21/92	---	14.05	8.31	5.74	No	---	---	---	---	---	---	---	---
MW10	03/25/92	---	14.05	5.70	8.35	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW10	06/22/92	---	14.05	7.50	6.55	No	<50	<50	---	---	<0.5	0.6	<0.5	0.8
MW10	09/24/92	---	14.05	8.68	5.37	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW10	10/14/92	---	14.05	8.88	5.17	No	---	---	---	---	---	---	---	---
MW10	11/16/92	---	14.05	8.70	5.35	No	---	---	---	---	---	---	---	---
MW10	12/08/92	---	14.05	8.31	5.74	No	<50	<50	---	---	<0.5	<0.5	<0.5	0.9
MW10	01/27/93	---	14.05	5.49	8.56	No	---	---	---	---	---	---	---	---
MW10	02/18/93	---	14.05	4.26	9.79	No	---	---	---	---	---	---	---	---
MW10	03/10/93	---	14.05	5.40	8.65	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW10	04/06/93	---	14.05	5.28	8.77	No	---	---	---	---	---	---	---	---
MW10	05/28/93	---	14.05	6.22	7.83	No	---	---	---	---	---	---	---	---
MW10	06/10/93	---	14.05	6.49	7.56	No	<50	<50	---	---	<0.5	0.6	0.7	1.2
MW10	07/17/93	---	14.05	6.79	7.26	No	---	---	---	---	---	---	---	---
MW10	08/11/93	---	14.05	7.20	6.85	No	<50/<50p	<50	---	---	<0.5/<5o	<0.5/<5o	<0.5/<5o	1.4/<5o
MW10	09/01/93	---	14.05	8.03	6.02	No	---	---	---	---	---	---	---	---
MW10	10/26/93	---	14.05	8.38	5.67	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW10	11/12/93	---	14.05	8.49	5.56	No	---	---	---	---	---	---	---	---
MW10	12/27/93	---	14.05	8.22	5.83	No	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW10	01/20/94	---	14.05	8.40	5.65	No	---	---	---	---	---	---	---	---
MW10	02/02/94 - 02/03/94	---	14.05	8.00	6.05	No	<50	<50	---	---	<0.5	1.0	<0.5	1.8
MW10	03/10/94	---	14.05	7.56	6.49	No	---	---	---	---	---	---	---	---
MW10	04/22/94	---	14.05	7.35	6.70	No	---	---	---	---	---	---	---	---
MW10	05/10/94 - 05/11/94	---	14.05	7.06	6.99	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW10	06/27/94	---	14.05	7.59	6.46	No	---	---	---	---	---	---	---	---
MW10	08/31/94	---	14.05	8.73	5.32	No	---	---	---	---	---	---	---	---
MW10	09/29/94	---	14.05	9.07	4.98	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW10	10/25/94	---	14.05	9.41	4.64	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW10	11/30/94	---	14.05	7.62	6.43	---	---	---	---	---	---	---	---	---
MW10	12/27/94	---	14.05	7.01	7.04	No	---	---	---	---	---	---	---	---
MW10	02/06/95	---	14.05	5.60	8.45	No	---	<50	<50	---	<0.5	<0.5	<0.5	<0.5
MW10	06/07/95	---	14.05	7.12	6.93	No	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW10	09/18/95	---	14.05	8.54	5.51	No	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW10	11/01/95	---	14.05	9.44	4.61	No	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW10	02/14/96	---	14.05	9.36	4.69	No	64	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW10	06/19/96	---	14.05	7.32	6.73	No	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW10	09/24/96	---	14.05	9.07	4.98	No	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW10	12/11/96	---	14.05	7.73	6.32	No	67	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW10	03/19/97	---	14.05	7.62	6.43	No	51	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW10	06/04/97	---	14.05	8.38	5.67	No	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW10	09/02/97	---	14.05	8.64	5.41	No	120	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW10	12/02/97	---	14.05	7.22	6.83	No	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW10	03/24/98	---	14.05	5.71	8.34	No	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW10	06/23/98	---	14.05	7.23	6.82	No	90	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW10	09/29/98	---	14.05	8.39	5.66	No	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW10	12/06/98	---	14.05	10.46	3.59	No	<100	320	---	---	4	14	6	32
MW10	12/30/98	---	14.05	7.74	6.31	No	58	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW10	03/24/99	---	14.05	4.74	9.31	No	<50	<50	<2.0	---	<0.5	<0.5	<0.5	<0.5
MW10	06/22/99	---	14.05	---	---	---	---	---	---	---	---	---	---	---
MW10	09/29/99	---	14.05	8.17	5.88	No	---	---	---	---	---	---	---	---
MW10	12/21/99	---	14.05	7.87	6.18	No	---	---	---	---	---	---	---	---
MW10	12/21/00	---	Well destroyed.											
MW11	11/27/89	---	Well installed.											
MW11	12/06/89	---	13.55	10.62	2.93	No	<100	78	---	---	5.9	6.3	<0.5	48,000
MW11	02/20/90	---	13.55	9.20	4.35	No	---	---	---	---	---	---	---	---
MW11	04/19/90	---	13.55	9.80	3.75	No	<100	<20	---	---	<0.5	<0.5	<0.5	<0.5
MW11	07/03/90	---	13.55	8.90	4.65	No	<100	<20	---	---	<0.5	<0.5	<0.5	<0.5
MW11	07/26/90	---	13.55	9.36	4.19	No	---	---	---	---	---	---	---	---
MW11	08/20/90	---	13.55	9.90	3.65	No	---	---	---	---	---	---	---	---
MW11	09/19/90	---	13.55	10.39	3.16	No	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW11	11/27/90	---	13.55	10.97	2.58	No	<100	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW11	01/17/91	---	13.55	10.76	2.79	No	---	---	---	---	---	---	---	---
MW11	03/26/91	---	13.55	8.80	4.75	No	<100	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW11	05/02/91	---	13.55	9.38	4.17	No	---	---	---	---	---	---	---	---
MW11	06/20/91	---	13.55	10.16	3.39	No	<100	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW11	08/07/91	---	13.55	10.69	2.86	No	---	---	---	---	---	---	---	---
MW11	09/17/91	---	13.55	10.80	2.75	No	---	<50	---	---	<0.5	0.7	<0.5	<0.5
MW11	11/13/91	---	13.55	10.44	3.11	No	---	---	---	---	---	---	---	---
MW11	12/10/91	---	13.55	10.84	3.07	No	<50	<50	---	---	<0.5	0.7	<0.5	<0.5
MW11	01/21/92	---	13.55	10.10	3.45	No	---	---	---	---	---	---	---	---
MW11	03/25/92	---	13.55	7.30	6.25	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW11	06/22/92	---	13.55	9.02	4.53	No	57	84	---	---	1.5	3.1	1.4	9.6
MW11	09/24/92	---	13.55	9.91	3.64	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW11	10/14/92	---	13.55	10.11	3.44	No	---	---	---	---	---	---	---	---
MW11	11/16/92	---	13.55	9.79	3.76	No	---	---	---	---	---	---	---	---
MW11	12/08/92	---	13.55	9.77	3.78	No	310	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW11	01/27/93	---	13.55	5.67	7.88	No	---	---	---	---	---	---	---	---
MW11	02/18/93	---	13.55	5.06	8.49	No	---	---	---	---	---	---	---	---
MW11	03/10/93	---	13.55	6.40	7.14	No	240	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW11	04/06/93	---	13.55	6.42	7.13	No	---	---	---	---	---	---	---	---
MW11	05/28/93	---	13.55	7.65	5.90	No	---	---	---	---	---	---	---	---
MW11	06/10/93	---	13.55	7.80	5.75	No	50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW11	07/17/93	---	13.55	8.42	5.13	No	---	---	---	---	---	---	---	---
MW11	08/11/93	---	13.55	8.87	4.68	No	<50/<50p	<50	---	---	0.5/<5o	0.7/<5o	1.2/<5o	2.7/<5o
MW11	09/01/93	---	13.55	9.09	4.46	No	---	---	---	---	---	---	---	---
MW11	10/26/93	---	13.55	9.70	3.85	No	80	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW11	11/12/93	---	13.55	9.72	3.83	No	---	---	---	---	---	---	---	---
MW11	12/27/93	---	13.55	9.56	3.99	No	---	---	---	---	---	---	---	---
MW11	01/20/94	---	13.55	9.61	3.94	No	---	---	---	---	---	---	---	---
MW11	02/02/94 - 02/03/94	---	13.55	9.56	3.99	No	160	<50	---	---	<0.5	1.0	<0.5	0.9
MW11	03/10/94	---	13.55	8.59	4.96	No	---	---	---	---	---	---	---	---
MW11	04/22/94	---	13.55	8.47	5.08	No	---	---	---	---	---	---	---	---
MW11	05/10/94 - 05/11/94	---	13.55	8.12	5.43	No	100g	<50	---	---	<0.5a	<0.5	<0.5	3.2
MW11	06/24/94	---	13.55	8.65	4.90	No	---	---	---	---	---	---	---	---
MW11	08/31/94	---	13.55	9.80	3.75	No	---	---	---	---	---	---	---	---
MW11	09/29/94	---	13.55	10.16	3.39	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW11	10/25/94	---	13.55	10.48	3.07	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW11	11/30/94	---	13.55	8.55	5.00	---	---	---	---	---	---	---	---	---
MW11	12/27/94	---	13.55	7.98	5.57	No	---	---	---	---	---	---	---	---
MW11	02/06/95	---	13.55	6.49	7.06	No	160	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW11	06/07/95	---	13.55	7.98	5.57	No	50	<50	42	---	<0.5	<0.5	<0.5	<0.5
MW11	09/18/95	---	13.55	10.12	3.43	No	56	<50	32	---	<0.5	<0.5	<0.5	<0.5

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW11	11/01/95	---	13.55	10.75	2.80	No	170	<50	35	---	<0.5	<0.5	<0.5	<0.5
MW11	02/14/96	---	13.55	8.03	5.52	No	76	<50	37	---	<0.5	<0.5	<0.5	<0.5
MW11	06/19/96	---	13.55	7.85	5.70	No	92	<50	33	---	<0.5	<0.5	<0.5	<0.5
MW11	09/24/96	---	13.55	10.45	3.10	No	58	<50	40	---	<0.5	<0.5	<0.5	<0.5
MW11	12/11/96	---	13.55	9.02	4.53	No	110	<50	10	---	<0.5	<0.5	<0.5	<0.5
MW11	03/19/97	---	13.55	9.16	4.39	No	100	<50	6.9	---	<0.5	<0.5	<0.5	<0.5
MW11	06/04/97	---	13.55	9.91	3.64	No	<50	<50	5.6	---	<0.5	<0.5	<0.5	<0.5
MW11	09/02/97	---	13.55	10.25	3.30	No	150	<50	4.5	---	<0.5	<0.5	<0.5	<0.5
MW11	12/02/97	---	13.55	9.33	4.22	No	70	<50	5.8	---	<0.5	<0.5	<0.5	<0.5
MW11	03/24/98	---	13.55	6.77	6.78	No	<50	<50	4.1	---	<0.5	<0.5	<0.5	<0.5
MW11	06/23/98	---	13.55	8.99	4.56	No	70	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW11	09/29/98	---	13.55	9.89	3.66	No	76	<50	7.7	---	<0.5	<0.5	<0.5	<0.5
MW11	12/30/98	---	13.55	9.17	4.38	No	71	<50	3.5	---	<0.5	<0.5	<0.5	<0.5
MW11	03/24/99	---	13.55	5.79	7.76	No	58.2	<50	4.51	---	<0.5	1.20	<0.5	<0.5
MW11	06/22/99	---	13.55	---	---	---	---	---	---	---	---	---	---	---
MW11	09/29/99	---	13.55	9.14	4.41	No	---	---	---	---	---	---	---	---
MW11	12/21/99	---	13.55	9.01	4.54	No	---	---	---	---	---	---	---	---
MW11	03/21/00	---	13.55	5.68	7.87	No	---	---	---	---	---	---	---	---
MW11	12/21/00	---	Well destroyed.											
MW12	11/27/89	---	Well installed.											
MW12	12/06/89	---	12.61	8.00	4.61	No	4,000	85,000	---	---	6,700	6,300	1,800	7,800
MW12	02/20/90	---	12.61	6.33	6.28	No	---	---	---	---	---	---	---	---
MW12	04/19/90	---	12.61	7.18	5.43	No	97,000	110,000	---	---	6,600	7,400	1,800	11,000
MW12	07/03/90	---	12.61	7.41	5.20	No	50,000	92,000	---	---	11,000	11,000	3,100	13,000
MW12	07/26/90	---	12.61	6.54	6.07	No	---	---	---	---	---	---	---	---
MW12	08/20/90	---	12.61	7.23	5.38	No	---	---	---	---	---	---	---	---
MW12	09/19/90	---	12.61	7.77	4.84	No	---	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW12	11/16/92	---	12.61	7.00	5.61	Sheen	---	---	---	---	---	---	---	---
MW12	12/08/92	---	12.61	6.70	5.91	Sheen	---	---	---	---	---	---	---	---
MW12	01/27/93	---	12.61	4.16	8.45	Sheen	---	---	---	---	---	---	---	---
MW12	02/18/93	---	12.61	4.01	8.60	Sheen	---	---	---	---	---	---	---	---
MW12	03/10/93	---	12.61	3.94	8.67	Sheen	---	---	---	---	---	---	---	---
MW12	04/06/93	---	12.61	3.69	8.92	Sheen	---	---	---	---	---	---	---	---
MW12	05/28/93	---	12.61	4.66	7.95	Sheen	---	---	---	---	---	---	---	---
MW12	06/10/93	---	12.61	4.78	7.83	Sheen	---	---	---	---	---	---	---	---
MW12	07/17/93	---	12.61	5.42	7.19	Sheen	---	---	---	---	---	---	---	---
MW12	08/11/93	---	12.61	5.83	6.78	Sheen	2,400/190q	94,000	---	---	10,000/13,000o	8,300/11,000o	2,800/4,000o	13,000/15,000o
MW12	09/01/93	---	12.61	6.22	6.39	Sheen	---	---	---	---	---	---	---	---
MW12	10/26/93	---	12.61	6.82	5.79	No	17,000	68,000	---	---	11,000	8,500	3,400	13,000
MW12	11/12/93	---	12.61	6.88	5.73	No	---	---	---	---	---	---	---	---
MW12	12/27/93	---	12.61	8.04	4.57	No	---	---	---	---	---	---	---	---
MW12	01/20/94	---	12.61	7.81	4.80	No	---	---	---	---	---	---	---	---
MW12	02/02/94 - 02/03/94	---	12.61	7.22	5.39	No	18,000	48,000	---	---	4,000	2,700	2,900	9,900
MW12	03/10/94	---	12.61	6.16	6.45	No	---	---	---	---	---	---	---	---
MW12	04/22/94	---	12.61	6.31	6.30	No	---	---	---	---	---	---	---	---
MW12	05/10/94 - 05/11/94	---	12.61	6.16	6.45	No	8,200	46,000	---	---	3,000s	1,600	2,900	9,100
MW12	06/27/94	---	12.61	6.55	6.06	No	---	---	---	---	---	---	---	---
MW12	08/31/94	---	12.61	7.97	4.64	No	---	---	---	---	---	---	---	---
MW12	09/29/94	---	12.61	8.52	4.09	Sheen	---	---	---	---	---	---	---	---
MW12	10/25/94	---	12.61	8.74	3.87	Sheen	---	---	---	---	---	---	---	---
MW12	11/30/94	---	12.61	8.73	3.88	---	---	---	---	---	---	---	---	---
MW12	12/30/94	---	12.61	6.17	6.44	No	---	---	---	---	---	---	---	---
MW12	02/06/95	---	12.61	4.44	8.17	Sheen	---	---	---	---	---	---	---	---
MW12	06/07/95	---	12.61	6.59	6.02	Sheen	---	---	---	---	---	---	---	---
MW12	09/18/95	---	12.61	8.96	3.65	Sheen	---	---	---	---	---	---	---	---
MW12	11/01/95	---	12.61	10.75	1.86	Sheen	---	---	---	---	---	---	---	---
MW12	02/14/96	---	12.61	7.73	4.88	Sheen	---	---	---	---	---	---	---	---
MW12	06/19/96	---	12.61	5.80	6.81	Sheen	---	---	---	---	---	---	---	---
MW12	09/24/96	---	12.61	9.14	3.47	Sheen	---	---	---	---	---	---	---	---
MW12	12/11/96	---	12.61	7.31	5.30	Sheen	---	---	---	---	---	---	---	---
MW12	03/19/97	---	12.61	9.96	2.65	Sheen	---	---	---	---	---	---	---	---
MW12	06/04/97	---	12.61	8.81	3.80	Sheen	---	---	---	---	---	---	---	---
MW12	09/02/97	---	12.61	8.93	3.68	Sheen	---	---	---	---	---	---	---	---
MW12	12/02/97	---	12.61	8.41	4.20	No	3,900	45,000	<250	---	1,800	560	3,100	8,700
MW12	03/24/98	---	12.61	5.37	7.24	No	8,800	42,000	<250	---	820	280	2,800	6,800
MW12	06/23/98	---	12.61	8.43	4.18	Sheen	7,800	39,000	560	---	1,000	200	2,300	4,900
MW12	09/29/98	---	12.61	8.94	3.67	Sheen	21,000	40,000	<500	---	1,100	150	2,200	3,100
MW12	12/30/98	---	12.61	8.47	4.14	Sheen	49,000	79,000	<500	---	1,400	400	3,300	8,500
MW12	03/24/99	---	12.61	3.71	8.90	Sheen	5,070	40,600	<20	---	328	182	1,690	3,930

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW12	06/22/99	---	12.61	4.91	7.70	Sheen	15,000	54,800	109	---	203	244	1,530	3,790
MW12	09/29/99	---	12.61	7.41	5.20	No	6,830f	22,900	194	---	422	72.6	1,790	2,270
MW12	12/21/99	---	12.61	7.46	5.15	No	10,000	25,000	<40	---	580	26	1,400	1,360
MW12	03/21/00	---	12.61	3.57	9.04	No	4,400	23,000	860	---	690	33	1,600	3,290
MW12	03/30/01	---	12.61	Well covered by asphalt.										
MW13	11/27/89	---	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	---	---	---			---	---				

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW13	01/20/94	---	14.20	9.08	5.12	No	---	---	---	---	---	---	---	---
MW13	02/02/94 - 02/03/94	---	14.20	8.75	5.45	No	8,100	41,000	---	---	3,800	1,500	2,700	9,500
MW13	03/10/94	---	14.20	7.46	6.74	Sheen	---	---	---	---	---	---	---	---
MW13	04/22/94	---	14.20	7.78	6.42	Sheen	---	---	---	---	---	---	---	---
MW13	05/10/94 - 05/11/94	---	14.20	7.61	6.59	No	15,000	39,000	---	---	3,400	930	2,400	8,900
MW13	06/27/94	---	14.20	7.97	6.23	No	---	---	---	---	---	---	---	---
MW13	08/31/94	---	14.20	9.21	4.99	No	---	---	---	---	---	---	---	---
MW13	09/29/94	---	14.20	9.61	4.59	No	320	57,000	---	---	2,100	470	2,600	8,100
MW13	10/25/94	---	14.20	9.93	4.27	Sheen	---	---	---	---	---	---	---	---
MW13	11/30/94	---	14.20	8.16	6.04	---	---	---	---	---	---	---	---	---
MW13	12/27/94	---	14.20	7.61	6.59	---	---	---	---	---	---	---	---	---
MW13	02/06/95	---	14.20	5.89	8.31	Sheen	---	---	---	---	---	---	---	---
MW13	06/07/95	---	14.20	8.05	6.15	Sheen	---	---	---	---	---	---	---	---
MW13	09/18/95	---	14.20	9.94	4.26	Sheen	---	---	---	---	---	---	---	---
MW13	11/01/95	---	14.20	10.48	3.72	Sheen	---	---	---	---	---	---	---	---
MW13	02/14/96	---	14.20	8.88	5.32	Sheen	---	---	---	---	---	---	---	---
MW13	06/19/96	---	14.20	7.22	6.98	Sheen	---	---	---	---	---	---	---	---
MW13	09/24/96	---	14.20	10.27	3.93	Sheen	---	---	---	---	---	---	---	---
MW13	12/11/96	---	14.20	8.77	5.43	Sheen	---	---	---	---	---	---	---	---
MW13	03/19/97	---	14.20	9.46	4.74	Sheen	---	---	---	---	---	---	---	---
MW13	06/04/97	---	14.20	9.59	4.61	Sheen	---	---	---	---	---	---	---	---
MW13	09/02/97	---	14.20	9.68	4.52	Sheen	---	---	---	---	---	---	---	---
MW13	12/02/97	---	14.20	9.16	5.04	No	16,000	14,000	<250	---	210	<50	920	1,000
MW13	03/24/98	---	14.20	6.71	7.49	No	1,700	5,600	55	---	110	6.0	420	330
MW13	06/23/98	---	14.20	8.87	5.33	No	3,800	12,000	200	---	120	<20	300	300
MW13	09/29/98	---	14.20	9.79	4.41	No	2,400	4,900	130	---	130	12.0	410	200
MW13	12/30/98	---	14.20	9.03	5.17	No	2,000	6,700	520	---	100	11	400	250
MW13	03/24/99	---	14.20	4.91	9.29	Sheen	688	3,730	15.5	---	35.9	1.58	150	112
MW13	06/22/99	---	14.20	5.66	8.54	Sheen	4,090	7,220	56.4	---	29.0	<5.0	496	318
MW13	09/29/99	---	14.20	8.62	5.58	No	1,060f	5,200	103	---	83.0	5.90	322	126
MW13	12/21/99	---	14.20	8.59	5.61	No	1,800	4,400	<2	---	52	1.9	340	115
MW13	03/21/00	---	14.20	Well inaccessible.										
MW13	12/21/00	---	Well destroyed.											
MW14	10/31/90	---	Well installed.											
MW14	11/27/90	---	15.18	9.88	5.30	No	120	390	---	---	<0.5	<0.5	3.6	3.7
MW14	01/17/91	---	15.18	9.13	6.05	No	---	---	---	---	---	---	---	---
MW14	03/26/91	---	15.18	8.51	6.67	No	<100	200	---	---	<0.5	1.5	0.8	3.6
MW14	05/02/91	---	15.18	8.45	6.73	No	---	---	---	---	---	---	---	---
MW14	06/20/91	---	15.18	8.38	6.80	No	<100	110	---	---	<0.5	<0.5	<0.5	<0.5
MW14	09/17/91	---	15.18	9.14	6.04	No	---	450	---	---	<0.5	<0.5	3.2	2.3
MW14	11/13/91	---	15.18	8.83	6.35	No	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW14	12/10/91	---	15.18	8.90	6.28	No	280	71	---	---	0.5	<0.5	<0.5	<0.5
MW14	01/21/92	---	15.18	8.58	6.60	No	---	---	---	---	---	---	---	---
MW14	03/25/92	---	15.18	6.15	9.03	No	640	61	---	---	<0.5	<0.5	1.1	<0.5
MW14	06/22/92	---	15.18	7.70	7.48	No	350	140	---	---	<0.5	<0.5	0.6	2
MW14	09/24/92	---	15.18	9.34	5.84	No	300	75	---	---	<0.5	<0.5	<0.5	<0.5
MW14	10/14/92	---	15.18	9.40	5.78	No	---	---	---	---	---	---	---	---
MW14	11/16/92	---	15.18	9.17	6.01	No	---	---	---	---	---	---	---	---
MW14	12/08/92	---	15.18	8.89	6.29	No	220	350	---	---	2.5	1.0	1.5	8.1
MW14	01/17/93	---	15.18	8.54	6.64	No	---	---	---	---	---	---	---	---
MW14	02/18/93	---	15.18	---	---	---	---	---	---	---	---	---	---	---
MW14	03/10/93	---	15.18	5.55	9.63	No	<250p	410	---	---	<0.5	<0.5	0.9	1.6
MW14	04/06/93	---	15.18	5.34	9.84	No	---	---	---	---	---	---	---	---
MW14	05/28/93	---	15.18	6.07	9.11	No	---	---	---	---	---	---	---	---
MW14	06/10/93	---	15.18	6.30	8.88	No	180	180	---	---	<0.5	<0.5	0.8	1.9/500r
MW14	07/17/93	---	15.18	7.77	7.41	No	---	---	---	---	---	---	---	---
MW14	08/11/93	---	15.18	7.62	7.56	No	180/140q	180	---	---	0.6/<5o	<0.5/<5o	1.6/<5o	3.7/<5o
MW14	09/01/93	---	15.18	8.09	7.09	No	---	---	---	---	---	---	---	---
MW14	10/26/93	---	15.18	8.18	7.00	No	200	260	---	---	<0.5	<0.5	<0.5	3.6
MW14	11/12/93	---	15.18	8.16	7.02	No	---	---	---	---	---	---	---	---
MW14	12/27/93	---	15.18	7.95	7.23	No	---	---	---	---	---	---	---	---
MW14	01/20/94	---	15.18	---	---	---	---	---	---	---	---	---	---	---
MW14	02/02/94 - 02/03/94	---	15.18	Well inaccessible.										
MW14	03/10/94	---	15.18	7.84	7.34	No	---	---	---	---	---	---	---	---
MW14	04/22/94	---	15.18	8.00	7.18	No	---	---	---	---	---	---	---	---
MW14	05/10/94 - 05/11/94	---	15.18	7.93	7.25	No	1,100s	300	---	---	2.7	7.9	2.0	27
MW14	06/27/94	---	15.18	8.19	6.99	No	---	---	---	---	---	---	---	---
MW14	08/31/94	---	15.18	9.44	5.74	No	---	---	---	---	---	---	---	---
MW14	09/29/94	---	15.18	9.82	5.36	No	---	300	1,600	---	<0.5	<0.5	0.9	1.3
MW14	10/25/94	---	15.18	9.99	5.19	No	---	200	210	---	<0.5	<0.5	0.8	<0.5
MW14	11/30/94	---	15.18	8.16	7.02	---	---	---	---	---	---	---	---	---
MW14	12/27/94	---	15.18	8.15	7.03	Sheen	---	---	---	---	---	---	---	---
MW14	02/06/95	---	15.18	7.18	8.00	No	1,200	360	---	---	<1.0	<1.0	<1.0	<1.0
MW14	06/07/95	---	15.18	7.70	7.48	No	1,100	670	<2.5	---	<0.5	<0.5	3.6	<0.5
MW14	09/18/95	---	15.18	9.88	5.30	No	1,900	1,300	<10	---	<2.0	<2.0	<2.0	3
MW14	11/01/95	---	15.18	10.56	4.62	No	2,700	1,100	<13	---	<2.5	<2.5	3.2	3.1
MW14	02/14/96	---	15.18	9.08	6.10	No	1,500	470	<2.5	---	<0.5	<0.5	1.3	<0.5
MW14	06/19/96	---	15.18	8.50	6.68	No	2,000	610	<12	---	<2.5	<2.5	<2.5	<2.5
MW14	09/24/96	---	15.18	10.23	4.95	No	5,100	1,000	<25	---	<5.0	<5.0	<5.0	<5.0
MW14	12/11/96	---	15.18	9.09	6.09	No	2,100 i	1,100	<10	---	<2.0	<2.0	<2.0	3.3
MW14	03/19/97	---	15.18	7.99	7.19	No	1,400	690	<2.5	---	0.65	1.7	2.5	8.3
MW14	06/04/97	---	15.18	9.30	5.88	No	1,500	730	<2.5	---	<1.2	<1.2	3.5	5.3
MW14	09/02/97	---	15.18	9.92	5.26	No	1,900	910	<5.0	---	<5.0	<5.0	<5.0	5.9

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW14	12/02/97	---	15.18	9.13	6.05	No	1,200	570	<2.5	---	0.85	<0.5	<0.5	1.7
MW14	03/24/98	---	15.18	8.52	6.66	No	1,300	650	5.7	---	1.7	<1.0	<1.0	2.3
MW14	06/23/98	---	15.18	8.69	6.49	No	1,100	470	<2.5	---	<0.5	1.5	1.1	3.0
MW14	09/29/98	---	15.18	9.41	5.77	No	930	570	<2.5	---	<0.50	<0.50	2.5	3.5
MW14	12/30/98	---	15.18	9.31	5.87	No	2,000	420	<2.5	---	<0.5	<0.5	<0.5	2.8
MW14	03/24/99	---	15.18	4.23	10.95	No	936	456	<2.0	---	<0.5	<0.5	0.685	<0.5
MW14	06/22/99	---	15.18	7.24	7.94	No	1,720	403	<2.0	---	<0.5	<0.5	<0.5	<0.5
MW14	09/29/99	---	15.18	9.41	5.77	No	927f	388	<2.5	---	1.31	<0.5	0.864	2.07
MW14	12/21/99	---	15.18	8.93	6.25	No	1,400	420	<2	---	0.61	<0.5	<0.5	6.3
MW14	03/21/00	---	15.18	5.76	9.42	No	---	390	<2	---	1.4	<0.5	0.82	4.5
MW14	03/30/01	---	15.18	4.21	10.97	No	980	330	---	<5	<0.5	<0.5	1.3	3.03
MW14	11/01/01	---	15.14	Well surveyed.										
MW14	03/11/02 k	---	15.14	4.87	10.27	No	954	146	1.40	0.6	<0.50	<0.50	0.90	5.70
MW14	03/11/03	---	15.14	6.99	8.15	No	1,020	331	<0.5	---	<0.50	<0.5	<0.5	<0.5
MW14	03/26/04	---	15.14	7.82	7.32	No	586g	235	---	<0.50	1.20	0.8	0.6	1.4
MW14	11/02/04	---	15.14	7.06	8.08	No	1,110g	282	---	<0.50	0.90	<0.5	1.6	7.2
MW14	02/04/05	---	15.14	6.15	8.99	No	2,880g	327	---	<0.50	0.60	<0.5	0.8	1.8
MW14	05/02/05	---	15.14	4.97	10.17	No	2,590g	363	---	<0.50	1.20	0.5	1.4	2.5
MW14	08/01/05	---	15.14	5.31	9.83	No	2,690g	280	---	<0.50	0.90	<0.5	0.9	1.8
MW14	10/25/05	---	15.14	5.16	9.98	No	5,410g	342	---	<0.500	0.82	<0.50	<0.50	1.98
MW14	01/24/06	---	15.14	5.40	9.74	No	440g	290	---	<0.50	1.4	<0.50	1.9	<0.50
MW14	04/28/06	---	15.14	4.06	11.08	No	190g	370	---	<0.50n	1.9n	<0.50	4.2	<0.50
MW14	08/04/06	---	15.14	4.77	10.37	No	1,290	347	---	<0.500	1.14	<0.50	<0.50	0.61
MW14	10/06/06	---	15.14	6.97	8.17	No	160g,j	290	---	<0.50	1.3	1.4	3.7	3.0
MW14	01/12/07	---	15.14	6.86	8.28	No	160g	250	---	<0.50	1.2	<0.50	2.0	<0.50
MW14	04/09/07	---	15.14	8.31	6.83	No	330g	309	---	<0.500	1.01	0.55	0.97	1.17
MW14	08/06/07	---	15.14	7.41	7.73	No	200g	290	---	<0.50	<0.50	<0.50	1.0	<0.50
MW14	11/15/07	---	15.14	7.97	7.17	No	210g	260	---	<0.50	0.66	<0.50	<0.50	1.5
MW14	01/02/08	---	15.14	8.36	6.78	No	250g,j	380	---	<0.50	0.78	<0.50	1.4	3.4
MW14	04/03/08	---	15.14	8.75	6.39	No	970g	400	---	<0.50	2.0	2.8	3.9	2.4
MW14	07/09/08	---	15.14	7.43	7.71	No	1,200g	280	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW14	10/01/08	---	15.14	7.92	7.22	No	95	500	---	<0.50	<0.50	<0.50	1.5	4.4
MW14	01/07/09	---	15.14	6.96	8.18	No	1,100	370	---	<0.50	<0.50	<0.50	1.4	2.2
MW14	01/16/09	---	15.14	7.53	7.61	No	---	---	---	---	---	---	---	---
MW14	04/24/09	---	15.14	5.71	9.43	No	410	500	---	<0.50	<0.50	<0.50	1.2	<1.0
MW14	07/01/09	---	15.14	6.71	8.43	No	130	360	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW14	10/01/09	---	15.14	7.15	7.99	No	---	---	---	---	---	---	---	---
MW14	03/04/10	---	15.14	4.75	10.39	No	---	---	---	---	---	---	---	---
MW14	05/06/10	---	15.14	4.64	10.50	No	850g	990	---	<0.50	3.1	0.53	1.8	4.5
MW14	08/06/10	---	15.14	5.72	9.42	No	---	---	---	---	---	---	---	---
MW14	11/02/10	---	15.14	6.50	8.64	No	730g	1,100g	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW14	04/21/11	---	15.14	8.25	6.89	No	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW14	04/22/11	---	15.14	---	---	---	750g	1,400g	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW14	10/18/11	---	15.14	8.81	6.33	No	---	---	---	---	---	---	---	---
MW14	10/19/11	---	15.14	---	---	---	810g	1,700g	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW14	04/25/12	---	15.14	3.63	11.51	Sheen	1,400g	1,600g	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW14	10/04/12	---	15.14	4.03	11.11	No	650g	1,700g	---	<0.50	6.0	<0.50	<0.50	<1.0
MW14	04/16/13	---	15.14	3.74	11.40	No	600g	2,000g	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW14	11/13/13	---	15.14	4.22	10.92	No	---	---	---	---	---	---	---	---
MW14	11/14/13	---	15.14	---	---	---	970g	1,300	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW14	06/25/14	---	15.14	3.37	11.77	No	---	---	---	---	---	---	---	---
MW14	06/26/14	---	15.14	---	---	---	610g	890g	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW15	10/31/90	---	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	---	---	---	---	---	---	---	---
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

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW15	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.											
MW16A	09/11/09	---	13.02	Well surveyed.										
MW16A	10/01/09	---	13.02	6.72	6.30	No	1,000g	5,300g	---	12	96	5.9	45	20
MW16A	03/04/10	---	13.02	3.97	9.05	No	1,000g	3,000g	---	9.9	34	2.6	6.9	5.9
MW16A	05/06/10	---	13.02	4.20	8.82	No	1,000g	4,500g	---	7.7	31	2.7	8.9	7.2
MW16A	08/06/10	---	13.02	5.92	7.10	No	550g	2,900g	---	5.5	48	2.1	11	3.4
MW16A	11/02/10	---	13.02	6.64	6.38	No	610g	3,100g	---	4.3	63	<0.50	7.2	4.0
MW16A	04/21/11	---	13.02	6.89	6.13	No	---	---	---	---	---	---	---	---
MW16A	04/22/11	---	13.02	---	---	---	170g	2,100g	---	<0.50	13	2.5	6.3	<1.0
MW16A	10/18/11	---	13.02	7.32	5.70	No	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW16A	10/19/11	---	13.02	---	---	---	320g	3,300g	---	2.8	32	<0.50	12	<1.0
MW16A	04/25/12	---	13.02	4.62	8.40	No	340g	1,800g	---	<0.50	19	<0.50	<0.50	<1.0
MW16A	10/04/12	---	13.02	7.03	5.99	No	240g	2,400g	---	<0.50	28	<0.50	5.2	<1.0
MW16A	04/16/13	---	13.02	6.06	6.96	No	230g	1,300g	---	<0.50	18	<0.50	<0.50	<0.50
MW16A	11/13/13	---	13.02	6.55	6.47	No	---	---	---	---	---	---	---	---
MW16A	11/14/13	---	13.02	---	---	---	200g	1,600	---	<0.50	<0.50	<0.50	2.7	<0.50
MW16A	06/25/14	---	13.02	5.47	7.55	No	---	---	---	---	---	---	---	---
MW16A	06/26/14	---	13.02	---	---	---	120g	570g	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW16B	08/24/09	---	Well installed.											
MW16B	09/11/09	---	13.19	Well surveyed.										
MW16B	10/01/09	---	13.19	9.02	4.17	No	<50	180g	---	210	<0.50	<0.50	<0.50	<1.0
MW16B	03/04/10	---	13.19	7.21	5.98	No	<50	160g	---	210	<0.50	<0.50	<0.50	<1.0
MW16B	05/06/10	---	13.19	6.39	6.80	No	65g	120g	---	210	<0.50	<0.50	<0.50	<1.0
MW16B	08/06/10	---	13.19	7.23	5.96	No	<50	160g	---	170	<0.50	<0.50	<0.50	<1.0
MW16B	11/02/10	---	13.19	8.25	4.94	No	<50	160g	---	170	<0.50	<0.50	<0.50	<1.0
MW16B	04/21/11	---	13.19	10.91	2.28	0.04	---	---	---	---	---	---	---	---
MW16B	04/22/11	---	13.19	---	---	---	<50	130g	---	180	<0.50	<0.50	<0.50	<1.0
MW16B	10/18/11	---	13.19	10.71	2.48	No	---	---	---	---	---	---	---	---
MW16B	10/19/11	---	13.19	---	---	---	<50	67g	---	90	<0.50	<0.50	<0.50	<1.0
MW16B	04/25/12	---	13.19	7.74	5.45	No	<50	86g	---	110	<0.50	<0.50	<0.50	<1.0
MW16B	10/04/12	---	13.19	9.64	3.55	No	<50	59g	---	73	<0.50	<0.50	<0.50	<1.0
MW16B	04/16/13	---	13.19	8.82	4.37	No	<50	<50	---	73	<0.50	<0.50	<0.50	<0.50
MW16B	11/13/13	---	13.19	9.29	3.90	No	<50	<50	---	57	<0.50	<0.50	<0.50	<0.50
MW16B	06/25/14	---	13.19	8.61	4.58	No	<48	<50	---	43	<0.50	<0.50	<0.50	<0.50
MW17A	08/25/09	---	Well installed.											
MW17A	09/11/09	---	13.99	Well surveyed.										
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
MW17A	04/21/11	---	13.99	7.04	6.95	No	---	---	---	---	---	---	---	---
MW17A	04/22/11	---	13.99	---	---	---	150g	1,300g	---	<0.50	6.5	<0.50	3.5	<1.0
MW17A	10/18/11	---	13.99	7.51	6.48	No	<50	77g	---	0.85	<0.50	<0.50	<0.50	<1.0
MW17A	04/25/12	---	13.99	4.67	9.32	No	190g	990g	---	<0.50	3.2	<0.50	2.0	<1.0
MW17A	10/04/12	---	13.99	6.75	7.24	No	95g	430	---	<0.50	5.1	<0.50	<0.50	<1.0
MW17A	04/16/13	---	13.99	9.31	4.68	No	140g	550g	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW17A	11/13/13	---	13.99	6.23	7.76	No	130g	480	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW17A	06/25/14	---	13.99	5.03	8.96	No	72g	430g	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW17B	08/25/09	---	Well installed.											

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW17B	09/11/09	---	13.92	Well surveyed.										
MW17B	10/01/09	---	13.92	8.83	5.09	No	<50	450g	---	560	<0.50	<0.50	<0.50	<1.0
MW17B	03/04/10	---	13.92	6.15	7.77	No	<50	490g	---	340	<0.50	<0.50	<0.50	<1.0
MW17B	05/06/10	---	13.92	6.48	7.44	No	<50	270g	---	530	<0.50	<0.50	<0.50	<1.0
MW17B	08/06/10	---	13.92	7.81	6.11	No	<50	380g	---	510	<0.50	<0.50	<0.50	<1.0
MW17B	11/02/10	---	13.92	8.78	5.14	No	<50	390g	---	470	<0.50	<0.50	<0.50	<1.0
MW17B	04/21/11	---	13.92	9.42	4.50	No	---	---	---	---	---	---	---	---
MW17B	04/22/11	---	13.92	---	---	---	60	220g	---	290	<0.50	<0.50	<0.50	<1.0
MW17B	10/18/11	---	13.92	10.01	3.91	No	<50	300g	---	390	<0.50	<0.50	<0.50	<1.0
MW17B	04/25/12	---	13.92	8.39	5.53	No	<50	190g	---	230	<0.50	<0.50	<0.50	<1.0
MW17B	10/04/12	---	13.92	10.24	3.68	No	<50	310g	---	400	<0.50	<0.50	<0.50	1.8t
MW17B	04/16/13	---	13.92	5.87	8.05	No	<50	250g	---	410	<0.50	<0.50	<0.50	<0.50
MW17B	11/13/13	---	13.92	9.81	4.11	No	---	---	---	---	---	---	---	---
MW17B	11/14/13	---	13.92	---	---	---	<50	180g	---	390	<0.50	<0.50	<0.50	<0.50
MW17B	06/25/14	---	13.92	9.10	4.82	No	<48	150g	---	260	<0.50	<0.50	<0.50	<0.50
MW18A	08/26/09	---	Well installed.											
MW18A	09/11/09	---	13.55	Well surveyed.										
MW18A	10/01/09	---	13.55	5.16	8.39	No	150	150g	---	93	<0.50	<0.50	<0.50	<1.0
MW18A	03/04/10	---	13.55	3.97	9.58	No	130	<50	---	34	<0.50	<0.50	<0.50	<1.0
MW18A	05/06/10	---	13.55	3.68	9.87	No	140	55g	---	35	<0.50	<0.50	<0.50	<1.0
MW18A	08/06/10	---	13.55	4.40	9.15	No	110	110g	---	21	<0.50	<0.50	<0.50	<1.0
MW18A	11/02/10	---	13.55	6.05	7.50	No	140	86g	---	11	<0.50	<0.50	<0.50	<1.0
MW18A	04/21/11	---	13.55	4.47	9.08	No	150	<50	---	9.8	<0.50	<0.50	<0.50	<1.0
MW18A	10/18/11	---	13.55	4.53	9.02	No	60	<50	---	1.7	<0.50	<0.50	<0.50	<1.0
MW18A	04/25/12	---	13.55	3.51	10.04	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW18A	10/04/12	---	13.55	5.39	8.16	No	110g	<50	---	0.97	<0.50	3.8	<0.50	2.5
MW18A	04/16/13	---	13.55	4.66	8.89	No	<50	64g	---	1.0	<0.50	<0.50	<0.50	<0.50
MW18A	11/13/13	---	13.55	5.42	8.13	No	160g	69g	---	0.60	<0.50	<0.50	<0.50	<0.50
MW18A	06/25/14	---	13.55	4.17	9.38	No	110g	73g	---	0.54	3.6	<0.50	<0.50	<0.50
MW18B	08/25/09	---	Well installed.											
MW18B	09/11/09	---	13.21	Well surveyed.										
MW18B	10/01/09	---	13.21	7.19	6.02	No	<50	62	---	0.68	<0.50	<0.50	<0.50	<1.0
MW18B	03/04/10	---	13.21	4.97	8.24	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW18B	05/06/10	---	13.21	4.68	8.53	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW18B	08/06/10	---	13.21	6.29	6.92	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW18B	11/02/10	---	13.21	7.37	5.84	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW18B	04/21/11	---	13.21	5.69	7.52	No	<50	<50	---	<0.50	<0.50	0.60t	<0.50	<1.0
MW18B	10/18/11	---	13.21	6.45	6.76	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW18B	04/25/12	---	13.21	4.66	8.55	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	3.8
MW18B	10/04/12	---	13.21	7.19	6.02	No	<50	85	---	<0.50	6.6	34	2.4	6.6
MW18B	04/16/13	---	13.21	5.73	7.48	No	<50	<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)	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)
MW18B	11/13/13	---	13.21	6.83	6.38	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW18B	06/25/14	---	13.21	5.73	7.48	No	<48	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW19A	08/26/09	---	Well installed.											
MW19A	09/11/09	---	15.05	Well surveyed.										
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
MW19A	04/21/11	---	15.05	6.18	8.87	No	240g	1,900	---	<0.50	<0.50	<0.50	3.6	6.9
MW19A	10/18/11	---	15.05	6.41	8.64	No	260g	560g	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW19A	04/25/12	---	15.05	4.23	10.82	No	420g	2,000g	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW19A	10/04/12	---	15.05	6.22	8.83	No	450	2,000g	---	<0.50	12	<0.50	<0.50	<1.0
MW19A	04/16/13	---	15.05	4.87	10.18	No	490g	2,300g	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW19A	11/13/13	---	15.05	5.57	9.48	No	650g	2,200	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW19A	06/25/14	---	15.05	4.34	10.71	No	---	---	---	---	---	---	---	---
MW19A	06/26/14	---	15.05	---	---	---	430g	1,100g	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW19B	08/26/09	---	Well installed.											
MW19B	09/11/09	---	15.05	Well surveyed.										
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
MW19B	04/21/11	---	15.05	6.07	8.98	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW19B	10/18/11	---	15.05	6.81	8.24	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW19B	04/25/12	---	15.05	4.78	10.27	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW19B	10/04/12	---	15.05	6.75	8.30	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW19B	04/16/13	---	15.05	5.71	9.34	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW19B	11/13/13	---	15.05	6.61	8.44	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW19B	06/25/14	---	15.05	5.45	9.60	No	<48	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW20	05/09/14	---	Well installed.											
MW20	06/06/14	---	12.58	Well surveyed.										
MW20	06/25/14	---	12.58	9.39	3.19	No	---	---	---	---	---	---	---	---
MW20	06/26/14	---	12.58	---	---	---	5,900g	1,100g	---	14	<0.50	<0.50	<0.50	<0.50
MW20	**09/18/14**	**---**	**12.58**	**10.47**	**2.11**	**No**	**1,900g**	**1,200g**	**---**	**20**	**<0.50**	**<0.50**	**<0.50**	**<0.50**
MW21	05/09/14	---	Well installed.											
MW21	06/06/14	---	11.82	Well surveyed.										
MW21	06/25/14	---	11.82	10.31	1.51	No	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW21	06/26/14	---	11.82	---	---	---	3,000g	4,900g	---	29	170	<0.50	27	<0.50
MW21	**09/18/14**	**---**	**11.82**	**10.55**	**1.27**	**No**	**1,700g**	**2,200**	**---**	**46**	**170**	**<0.50**	**67**	**<0.50**
VW1	02/11/93	---	Well installed.											
VW1	02/18/93	---	14.01	4.52	9.49	No	---	---	---	---	---	---	---	---
VW1	03/10/93	---	14.01	5.25	8.76	No	---	---	---	---	---	---	---	---
VW1	04/06/93	---	14.01	5.06	8.95	No	---	---	---	---	---	---	---	---
VW1	05/28/93	---	14.01	5.52	8.49	No	---	---	---	---	---	---	---	---
VW1	06/10/93	---	14.01	6.23	7.78	No	---	---	---	---	---	---	---	---
VW1	08/11/93	---	14.01	Well dry.										
VW1	09/01/93	---	14.01	Well dry.										
VW1	10/26/93	---	14.01	Well dry.										
VW1	11/12/93	---	14.01	Well dry.										
VW1	12/27/93	---	14.01	---	---	---	---	---	---	---	---	---	---	---
VW1	01/20/94	---	14.01	Well dry.										
VW1	02/02/94 - 02/03/94	---	14.01	5.58	8.43	No	---	---	---	---	---	---	---	---
VW1	03/10/94	---	14.01	6.19	7.82	No	---	---	---	---	---	---	---	---
VW1	04/22/94	---	14.01	5.96	8.05	No	---	---	---	---	---	---	---	---
VW1	05/10/94 - 05/11/94	---	14.01	5.66	8.35	No	---	---	---	---	---	---	---	---
VW1	06/27/94	---	14.01	5.99	8.02	No	---	---	---	---	---	---	---	---
VW2	02/11/93	---	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	02/11/93	---	Well installed.											
VW3	02/18/93	---	13.37	4.62	8.69	No	---	---	---	---	---	---	---	---
VW3	03/10/93	---	13.37	4.41	8.90	No	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
VW3	04/06/93	---	13.37	4.10	9.21	No	---	---	---	---	---	---	---	---
VW3	05/28/93	---	13.37	4.98	8.33	No	---	---	---	---	---	---	---	---
VW3	06/10/93	---	13.37	4.98	8.33	No	---	---	---	---	---	---	---	---
VW3	07/17/93	---	13.37	5.57	7.74	No	---	---	---	---	---	---	---	---
VW3	08/11/93	---	13.37	7.69	5.62	No	---	---	---	---	---	---	---	---
VW3	09/01/93	---	13.37	6.78	6.54	0.01	---	---	---	---	---	---	---	---
VW3	10/26/93	---	13.37	Well dry.										
VW3	11/12/93	---	13.37	Well dry.										
VW3	12/27/93	---	13.37	7.24	6.13	No	---	---	---	---	---	---	---	---
VW3	01/20/94	---	13.37	7.49	5.88	No	---	---	---	---	---	---	---	---
VW3	02/02/94 - 02/03/94	---	13.37	7.15	6.22	No	---	---	---	---	---	---	---	---
VW3	03/10/94	---	13.37	6.21	7.16	No	---	---	---	---	---	---	---	---
VW3	04/22/94	---	13.37	6.34	7.03	No	---	---	---	---	---	---	---	---
VW3	05/10/94 - 05/11/94	---	13.37	5.92	7.45	No	---	---	---	---	---	---	---	---
VW3	06/27/94	---	13.37	6.66	6.71	No	---	---	---	---	---	---	---	---
Grab Groundwater Samples														
CPT Borings														
W-18-CPT1	04/12/05	18	---	---	---	---	187g	<50.0	---	1.00	<0.50	<0.5	<0.5	<0.5
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-10-CPT6	04/11/05	10	---	---	---	---	1,110g	570	---	<0.50	<0.50	<0.5	<0.5	1.0
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

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
W-12-DP6	04/14/05	12	---	---	---	---	338g	<50.0	---	<0.50	<0.50	<0.5	<0.5	<0.5
W-30-DP9	12/15/06	30	---	---	---	---	430g	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
Hydropunch® Borings														
W-13-HP7	12/12/06	13	---	---	---	---	570g	<50	---	1.1	11	<0.50	<0.50	<0.50
W-30-HP11	12/13/06	30	---	---	---	---	<50	<50	---	3.9	<0.50	<0.50	<0.50	<0.50
W-13.5-HP1	12/13/06	13.5	---	---	---	---	<62	<50	---	1.6	<0.50	<0.50	<0.50	<0.50
W-31-HP12	12/13/06	31	---	---	---	---	<55	<50	---	17	<0.50	<0.50	<0.50	<0.50

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

Notes:

TOC	=	Top of well casing elevation; datum is mean sea level.
DTW	=	Depth to water.
GW Elev.	=	Groundwater elevation; datum is mean sea level. If liquid-phase hydrocarbons present, elevation adjusted using TOC - [DTW - (PT x 0.8)].
NAPL	=	Non-aqueous phase liquid.
[ ]	=	Amount recovered in cups.
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using EPA Method 3510/8015 (modified).
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 5030/8015 (modified).
MTBE 8021B	=	Methyl tertiary butyl ether analyzed using EPA Method 8021B.
MTBE 8260B	=	Methyl tertiary butyl ether analyzed using EPA Method 8260B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
TOG	=	Total oil and grease analyzed using Standard Method 5520.
EHCss	=	Extractable hydrocarbons as Stoddard Solvent analyzed using EPA Method 8015.
EDB	=	1,2-dibromoethane analyzed using EPA Method 8260B.
1,2-DCA	=	1,2-dichloroethane analyzed using EPA Method 8260B.
TAME	=	Tertiary amyl methyl ether analyzed using EPA Method 8260B.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 8260B.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 8260B.
DIPE	=	Di-isopropyl ether analyzed using EPA Method 8260B.
Ethanol	=	Ethanol analyzed using EPA Method 8260B.
TPH Carbon Range	=	Total petroleum hydrocarbon range analyzed using EPA Method 8015B(M).
µg/L	=	Micrograms per liter.
mg/kg	=	Milligrams per kilogram.
ND	=	Not detected at or above laboratory reporting limits.
---	=	Not measured/Not sampled/Not analyzed.
<	=	Less than the stated laboratory reporting limit.
a	=	A peak eluting earlier than benzene, suspected to be MTBE, was present.
b	=	Sample containers broken in transit.
c	=	Chromatogram pattern: unidentified hydrocarbons C6 - C12.
d	=	Chromatogram pattern: weathered gasoline C6 - C12.
e	=	Chromatogram pattern: weathered diesel C9 - C24 and unidentified hydrocarbons C9 - C36.
f	=	Chromatogram pattern: unidentified hydrocarbons C9 - C24.
g	=	Hydrocarbon pattern is not consistent with that of the specified standard.
h	=	Analysis run. Results not available.
i	=	TPHd note: Analyst notes samples resemble paint thinner more than Stoddard Solvent.
j	=	Analyte detected in trip blank, method blank, and/or bailer blank; result is suspect.
k	=	Higher reported TPH concentrations in groundwater may be due to different laboratory quantitation procedures.
l	=	Elevated result due to single analyte peak in quantitation range.
m	=	Surrogate recovery above control limits; this may result in a high bias.
n	=	Laboratory QA/QC issue(s); ERI considers the result to be usable. Please refer to laboratory report for details.
o	=	Analyzed using EPA Method 624 (volatile organic compounds).
p	=	Analyzed for Stoddard Solvent using EPA Method 5030/8015.

Notes:

q	=	Analyzed for Stoddard Solvent using modified EPA Method 5030/8015. Sample chromotogram was not representative of a Stoddard Solvent pattern. Pattern was representative of the heavier hydrocarbons found in a gasoline pattern.
r	=	Stoddard Solution detected in the sample at approximately 320 parts per billion (ppb).
s	=	Chloromethane.
t	=	Analyte presence was not confirmed by second column or GC/MS analysis.
u	=	Product detected in well; therefore, groundwater samples were not collected.
v	=	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.

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

Well ID	Sampling Date	Depth (feet)	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Ethanol (µg/L)	VOCs (µg/L)	EHCss (µg/L)	TOG (µg/L)
Monitoring Well Samples												
MW1	05/21/88	---	Well installed.									
MW1	05/22/88 - 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.									
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	---	---	---	---	---	---	---	---	---	---	---

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	03/04/10	---	---	---	---	---	---	---	---	---	---	---
MW2	05/06/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW2	08/06/10	---	---	---	---	---	---	---	---	---	---	---
MW2	11/02/10	---	<0.50	<0.50	<0.50	12	<0.50	<0.50	<50	---	---	---
MW2	04/21/11	---	<0.50	<0.50	<0.50	6.1	<0.50	<0.50	<50	---	---	---
MW2	10/18/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW2	04/25/12	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW2	10/04/12	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW2	04/16/13	---	<0.50	<0.50	<0.50	8.9	<0.50	<0.50	<50	---	---	---
MW2	11/14/13	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW2	06/26/14	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
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	---	---	---
MW3	04/22/11	---	<0.50	<0.50	<0.50	13	<0.50	<0.50	<50	---	---	---
MW3	10/18/11 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)
MW3	04/25/12	---	<0.50	<0.50	<0.50	12	<0.50	<0.50	<50	---	---	---
MW3	10/04/12	---	<50	<50	<50	<500	<50	<50	<5,000	---	---	---
MW3	04/16/13	---	<0.50	<0.50	<0.50	19	<0.50	<0.50	<50	---	---	---
MW3	11/14/13	---	<0.50	<0.50	<0.50	11	<0.50	<0.50	<50	---	---	---
MW3	06/26/14	---	<0.50	<0.50	<0.50	14	<0.50	<0.50	<50	---	---	---
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.									
MW4	04/25/12	---	Well covered by asphalt.									
MW5	09/01/87 - 04/25/89	---	Not analyzed for these analytes.									
MW5	09/10/87	---	Well installed.									
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	---	---	---

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

Well ID	Sampling Date	Depth (feet)	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Ethanol (µg/L)	VOCs (µg/L)	EHCss (µg/L)	TOG (µg/L)
MW6	04/21/11	---	<0.50	<0.50	<0.50	5.4	<0.50	<0.50	<50	---	---	---
MW6	10/18/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW6	04/25/12	---	<0.50	<0.50	<0.50	17v	<0.50	<0.50	<50	---	---	---
MW6	10/04/12	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW6	04/16/13	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW6	11/14/13	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW6	06/26/14	---	<0.50	<0.50	<0.50	14	<0.50	<0.50	<50	---	---	---
MW7	Sept-87	---	---	---	---	---	---	---	---	ND	---	---
MW7	09/10/87	---	Well installed.									
MW7	May-88	---	---	---	---	---	---	---	---	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	09/01/87 - 07/17/93	---	Not analyzed for these analytes.									
MW8	09/10/87	---	Well installed.									
MW8	08/11/93	---	---	---	---	---	---	---	---	ND	---	---
MW8	09/01/93 - 03/21/00	---	Not analyzed for these analytes.									
MW8	12/21/00	---	Well destroyed.									

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	May-88	---	---	---	---	---	---	---	---	ND	---	---
MW9	05/12/88	---	Well installed.									
MW9	12/06/89	---	---	---	---	---	---	---	---	ND	---	<5,000
MW9	02/20/90	---	---	---	---	---	---	---	---	ND	---	---
MW9	04/19/90	---	---	---	---	---	---	---	---	ND	---	---
MW9	11/27/90	---	---	---	---	---	---	---	---	ND	---	---
MW9	08/11/93	---	---	---	---	---	---	---	---	ND	---	---
MW9	09/01/93 - 02/14/96	---	Not analyzed for these analytes.									
MW9	06/19/96	---	---	---	---	---	---	---	---	---	<50	---
MW9	09/24/96 - 12/21/00	---	Not analyzed for these analytes.									
MW9	12/21/00	---	Well destroyed.									
MW10	11/27/89	---	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	11/27/89	---	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.									
MW12	04/25/12	---	Well covered by asphalt.									
MW13	11/28/89	---	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	---

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	09/18/95	---	---	---	---	---	---	---	---	---	1,200	---
MW14	11/01/95	---	---	---	---	---	---	---	---	---	1,600	---
MW14	02/14/96	---	---	---	---	---	---	---	---	---	680	---
MW14	06/19/96	---	---	---	---	---	---	---	---	---	670	---
MW14	09/24/96	---	---	---	---	---	---	---	---	---	4,500	---
MW14	12/11/96	---	---	---	---	---	---	---	---	---	750	---
MW14	03/19/97	---	---	---	---	---	---	---	---	---	470	---
MW14	06/04/97	---	---	---	---	---	---	---	---	---	590	---
MW14	09/02/97 - 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	---	---	---
MW14	04/22/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW14	10/19/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW14	04/25/12	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW14	10/04/12	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW14	04/16/13	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW14	11/14/13	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 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	06/26/14	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW15	10/31/90	---	Well installed.									
MW15	08/11/93	---	---	---	---	---	---	---	---	ND	---	---
MW15	09/01/93 - 12/21/00	---	Not analyzed for these analytes.									
MW15	12/21/00	---	Well destroyed.									
MW16A	10/01/09	---	<2.0	<2.0	<2.0	<20	<2.0	<2.0	<200	---	---	---
MW16A	03/04/10	---	<0.50	<0.50	<0.50	28	<0.50	<0.50	<50	---	---	---
MW16A	05/06/10	---	<0.50	<0.50	<0.50	19	<0.50	<0.50	<50	---	---	---
MW16A	08/06/10	---	<0.50	<0.50	<0.50	5.6	<0.50	<0.50	<50	---	---	---
MW16A	11/02/10	---	<0.50	0.54	<0.50	5.1	<0.50	<0.50	<50	---	---	---
MW16A	04/22/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW16A	10/19/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW16A	04/25/12	---	<0.50	<0.50	<0.50	22v	<0.50	<0.50	<50	---	---	---
MW16A	10/04/12	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW16A	04/16/13	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW16A	11/14/13	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW16A	06/26/14	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW16B	10/01/09	---	<2.0	<2.0	<2.0	<20	<2.0	<2.0	<200	---	---	---
MW16B	03/04/10	---	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<500	---	---	---
MW16B	05/06/10	---	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<500	---	---	---
MW16B	08/06/10	---	<0.50	1.1	<0.50	7.3	<0.50	<0.50	<50	---	---	---
MW16B	11/02/10	---	<0.50	1.0	<0.50	5.3	<0.50	<0.50	<50	---	---	---
MW16B	04/22/11	---	<4.0	<4.0	<4.0	<40	<4.0	<4.0	<400	---	---	---
MW16B	10/19/11	---	<2.5	<2.5	<2.5	<25	<2.5	<2.5	<250	---	---	---
MW16B	04/25/12	---	<2.0	<2.0	<2.0	24	<2.0	<2.0	<200	---	---	---
MW16B	10/04/12	---	<1.0	<1.0	<1.0	14	<1.0	<1.0	<100	---	---	---
MW16B	04/16/13	---	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<100	---	---	---
MW16B	11/13/13	---	<1.0	1.1	<1.0	17	<1.0	<1.0	<100	---	---	---
MW16B	06/25/14	---	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<100	---	---	---
MW17A	10/01/09	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW17A	03/04/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW17A	05/06/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW17A	08/06/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW17A	11/02/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW17A	04/22/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW17A	10/18/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW17A	04/25/12	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW17A	10/04/12	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW17A	04/16/13	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW17A	11/13/13	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---

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

Well ID	Sampling Date	Depth (feet)	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Ethanol (µg/L)	VOCs (µg/L)	EHCss (µg/L)	TOG (µg/L)
MW17A	06/25/14	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW17B	10/01/09	---	<0.50	1.2	1.2	5.3	<0.50	<0.50	<50	---	---	---
MW17B	03/04/10	---	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<500	---	---	---
MW17B	05/06/10	---	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<500	---	---	---
MW17B	08/06/10	---	<0.50	1.1	1.2	11	<0.50	<0.50	<50	---	---	---
MW17B	11/02/10	---	<0.50	1.0	1.2	<5.0	<0.50	<0.50	<50	---	---	---
MW17B	04/22/11	---	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<500	---	---	---
MW17B	10/18/11	---	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<500	---	---	---
MW17B	04/25/12	---	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<500	---	---	---
MW17B	10/04/12	---	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<500	---	---	---
MW17B	04/16/13	---	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<500	---	---	---
MW17B	11/14/13	---	<10	<10	<10	<100	<10	<10	<1,000	---	---	---
MW17B	06/25/14	---	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<500	---	---	---
MW18A	10/01/09	---	<0.50	<0.50	<0.50	20	<0.50	<0.50	<50	---	---	---
MW18A	03/04/10	---	<0.50	<0.50	<0.50	7.0	<0.50	<0.50	<50	---	---	---
MW18A	05/06/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW18A	08/06/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW18A	11/02/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW18A	04/21/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW18A	10/18/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW18A	04/25/12	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW18A	10/04/12	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW18A	04/16/13	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW18A	11/13/13	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW18A	06/25/14	---	<0.50	<0.50	<0.50	10	<0.50	<0.50	<50	---	---	---
MW18B	10/01/09	---	<0.50	0.74	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW18B	03/04/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW18B	05/06/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW18B	08/06/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW18B	11/02/10	---	<0.50	<0.50	<0.50	6.0	<0.50	<0.50	<50	---	---	---
MW18B	04/21/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW18B	10/18/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW18B	04/25/12	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW18B	10/04/12	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW18B	04/16/13	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW18B	11/13/13	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW18B	06/25/14	---	<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	---	---	---

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)
MW19A	08/06/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19A	11/02/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19A	04/21/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19A	10/18/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19A	04/25/12	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19A	10/04/12	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19A	04/16/13	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19A	11/13/13	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19A	06/26/14	---	<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	---	---	---
MW19B	04/21/11	---	<0.50	1.3	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19B	10/18/11	---	<0.50	1.5	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19B	04/25/12	---	<0.50	1.2	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19B	10/04/12	---	<0.50	1.2	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19B	04/16/13	---	<0.50	1.5	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19B	11/13/13	---	<0.50	1.9	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19B	06/25/14	---	<0.50	1.8	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW20	05/09/14	---	Well installed.									
MW20	06/26/14	---	<1.0	<1.0	<1.0	68	<1.0	3.5	<100	---	---	---
MW20	**09/18/14**	**---**	**<1.0**	**<1.0**	**<1.0**	**56**	**<1.0**	**3.4**	**<100**	**---**	**---**	**---**
MW21	05/09/14	---	Well installed.									
MW21	06/26/14	---	<2.0	<2.0	<2.0	35	<2.0	4.7	<200	---	---	---
MW21	**09/18/14**	**---**	**<2.0**	**<2.0**	**<2.0**	**43**	**<2.0**	**5.5**	**<200**	**---**	**---**	**---**
VW1	02/11/93	---	Well installed.									
VW1	02/18/93 - Present	---	Not analyzed for these analytes.									
VW2	02/11/93	---	Well installed.									
VW2	02/18/93 - Present	---	Not analyzed for these analytes.									
VW3	02/11/93	---	Well installed.									
VW3	03/10/93 - Present	---	Not analyzed for these analytes.									
Grab Groundwater Samples												
CPT Borings												
W-18-CPT1	04/12/05	18	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Ethanol (µg/L)	VOCs (µg/L)	EHCss (µg/L)	TOG (µg/L)
W-10-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-10-CPT6	04/11/05	10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
W-30-CPT6	04/11/05	30	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
W-30-CPT6	04/12/05	30	---	---	---	---	---	---	---	---	---	---
Direct-Push Borings												
W-12-DP1	04/14/05	12	<0.50	<0.50	4.80	138	<0.50	<0.50	---	---	---	---
W-12-DP3	04/14/05	12	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
W-12-DP4	04/14/05	12	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
W-12-DP5	04/14/05	12	<0.50	<0.50	<0.50	<10.0	<0.50	0.60	---	---	---	---
W-12-DP6	04/14/05	12	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
W-30-DP9	12/15/06	30	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<100	---	---	---
Hydropunch® Borings												
W-13-HP7	12/12/06	13	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<100	---	---	---
W-30-HP11	12/13/06	30	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<100	---	---	---
W-13.5-HP1	12/13/06	13.5	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<100	---	---	---
W-31-HP12	12/13/06	31	<0.50	1.3	<0.50	<20	<0.50	<0.50	<100	---	---	---

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

Notes:

TOC	=	Top of well casing elevation; datum is mean sea level.
DTW	=	Depth to water.
GW Elev.	=	Groundwater elevation; datum is mean sea level. If liquid-phase hydrocarbons present, elevation adjusted using TOC - [DTW - (PT x 0.8)].
NAPL	=	Non-aqueous phase liquid.
[ ]	=	Amount recovered in cups.
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using EPA Method 3510/8015 (modified).
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 5030/8015 (modified).
MTBE 8021B	=	Methyl tertiary butyl ether analyzed using EPA Method 8021B.
MTBE 8260B	=	Methyl tertiary butyl ether analyzed using EPA Method 8260B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
TOG	=	Total oil and grease analyzed using Standard Method 5520.
EHCss	=	Extractable hydrocarbons as Stoddard Solvent analyzed using EPA Method 8015.
EDB	=	1,2-dibromoethane analyzed using EPA Method 8260B.
1,2-DCA	=	1,2-dichloroethane analyzed using EPA Method 8260B.
TAME	=	Tertiary amyl methyl ether analyzed using EPA Method 8260B.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 8260B.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 8260B.
DIPE	=	Di-isopropyl ether analyzed using EPA Method 8260B.
Ethanol	=	Ethanol analyzed using EPA Method 8260B.
TPH Carbon Range	=	Total petroleum hydrocarbon range analyzed using EPA Method 8015B(M).
µg/L	=	Micrograms per liter.
mg/kg	=	Milligrams per kilogram.
ND	=	Not detected at or above laboratory reporting limits.
---	=	Not measured/Not sampled/Not analyzed.
<	=	Less than the stated laboratory reporting limit.
a	=	A peak eluting earlier than benzene, suspected to be MTBE, was present.
b	=	Sample containers broken in transit.
c	=	Chromatogram pattern: unidentified hydrocarbons C6 - C12.
d	=	Chromatogram pattern: weathered gasoline C6 - C12.
e	=	Chromatogram pattern: weathered diesel C9 - C24 and unidentified hydrocarbons C9 - C36.
f	=	Chromatogram pattern: unidentified hydrocarbons C9 - C24.
g	=	Hydrocarbon pattern is not consistent with that of the specified standard.
h	=	Analysis run. Results not available.
i	=	TPHd note: Analyst notes samples resemble paint thinner more than Stoddard Solvent.
j	=	Analyte detected in trip blank, method blank, and/or bailer blank; result is suspect.
k	=	Higher reported TPH concentrations in groundwater may be due to different laboratory quantitation procedures.
l	=	Elevated result due to single analyte peak in quantitation range.
m	=	Surrogate recovery above control limits; this may result in a high bias.
n	=	Laboratory QA/QC issue(s); ERI considers the result to be usable. Please refer to laboratory report for details.
o	=	Analyzed using EPA Method 624 (volatile organic compounds).
p	=	Analyzed for Stoddard Solvent using EPA Method 5030/8015.

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

Notes:

q	=	Analyzed for Stoddard Solvent using modified EPA Method 5030/8015. Sample chromotogram was not representative of a Stoddard Solvent pattern. Pattern was representative of the heavier hydrocarbons found in a gasoline pattern.
r	=	Stoddard Solution detected in the sample at approximately 320 parts per billion (ppb).
s	=	Chloromethane.
t	=	Analyte presence was not confirmed by second column or GC/MS analysis.
u	=	Product detected in well; therefore, groundwater samples were not collected.
v	=	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.

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

Sample ID	Sampling Date	C6 (µg/L)	C7 (µg/L)	C8 (µg/L)	C9-C10 (µg/L)	C11-C12 (µg/L)	C13-C14 (µg/L)	C15-C16 (µg/L)	C17-C18 (µg/L)	C19-C20 (µg/L)	C21-C22 (µg/L)	C23-C24 (µg/L)	C25-C28 (µg/L)	C29-C32 (µg/L)	C33-C36 (µg/L)	C37-C40 (µg/L)	C41-C44 (µg/L)	C6-C44 (µg/L)
Monitoring Well Samples																		
MW3	06/26/14	<48	65	110	340	710	780	780	760	330	290	<48	110	<48	<48	<48	<48	4,400g

Notes:

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

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

Notes:

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.
o	=	Analyzed using EPA Method 624 (volatile organic compounds).
p	=	Analyzed for Stoddard Solvent using EPA Method 5030/8015.
q	=	Analyzed for Stoddard Solvent using modified EPA Method 5030/8015. Sample chromotogram was not representative of a Stoddard Solvent pattern. Pattern was representative of the heavier hydrocarbons found in a gasoline pattern.
r	=	Stoddard Solution detected in the sample at approximately 320 parts per billion (ppb).
s	=	Chloromethane.
t	=	Analyte presence was not confirmed by second column or GC/MS analysis.
u	=	Product detected in well; therefore, groundwater samples were not collected.
v	=	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.

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

Sample ID	Sampling Date	C6 (mg/kg)	C7 (mg/kg)	C8 (mg/kg)	C9-C10 (mg/kg)	C11-C12 (mg/kg)	C13-C14 (mg/kg)	C15-C16 (mg/kg)	C17-C18 (mg/kg)	C19-C20 (mg/kg)	C21-C22 (mg/kg)	C23-C24 (mg/kg)	C25-C28 (mg/kg)	C29-C32 (mg/kg)	C33-C36 (mg/kg)	C37-C40 (mg/kg)	C41-C44 (mg/kg)	C6-C44 (mg/kg)
Product Samples																		
MW3-OIL	04/27/11	<5,000	<5,000	<5,000	7,500	18,000	25,000	19,000	18,000	9,400	6,100	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	110,000
MW3-OIL	04/25/12	21,000	68,000	56,000	130,000	190,000	210,000	130,000	160,000	76,000	39,000	25,000	12,000	<10,000	<10,000	<10,000	<10,000	1,100,000
MW3-OIL	10/04/12	<50,000	<50,000	<50,000	150,000	230,000	260,000	180,000	210,000	99,000	55,000	<50,000	<50,000	<50,000	<50,000	<50,000	<50,000	1,300,000
MW3-OIL	06/26/14	<10,000	<10,000	<10,000	43,000	75,000	83,000	76,000	78,000	37,000	19,000	11,000	<10,000	<10,000	<10,000	<10,000	<10,000	430,000

Notes:

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

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

Notes:

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.
o	=	Analyzed using EPA Method 624 (volatile organic compounds).
p	=	Analyzed for Stoddard Solvent using EPA Method 5030/8015.
q	=	Analyzed for Stoddard Solvent using modified EPA Method 5030/8015. Sample chromotogram was not representative of a Stoddard Solvent pattern. Pattern was representative of the heavier hydrocarbons found in a gasoline pattern.
r	=	Stoddard Solution detected in the sample at approximately 320 parts per billion (ppb).
s	=	Chloromethane.
t	=	Analyte presence was not confirmed by second column or GC/MS analysis.
u	=	Product detected in well; therefore, groundwater samples were not collected.
v	=	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.

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

Well ID	Well Installation Date	Well Destruction Date	TOC Elevation (feet)	Borehole Diameter (inches)	Total Depth of Boring (feet bgs)	Well Depth (feet bgs)	Casing Diameter (inches)	Well Casing Material	Screened Interval (feet bgs)	Slot Size (inches)	Filter Pack Interval (feet bgs)	Filter Pack Material
MW1	05/21/88	03/26/07	12.79	10	29	29	4	Sch 40 PVC	4-29	---	2-29	---
MW2	09/10/87	---	13.06	---	36	36	4	---	10-35	---	8-36	---
MW3	09/10/87	---	13.71	---	36	36	4	---	10-35	---	8-36	---
MW4	09/10/87	---	12.77	---	36	36	4	---	10-35	---	8-36	---
MW5	09/10/87	07/18/89	8.38	---	36	36	4	---	8-33	---	6-36	---
MW6	09/10/87	---	14.23	---	36	36	4	---	10-35	---	8-36	---
MW7	09/10/87	12/21/00	14.84	---	36	36	4	---	10-35	---	8-36	---
MW8	09/10/87	12/21/00	13.45	---	36	36	4	---	10-35	---	8-36	---
MW9	05/12/88	12/21/00	14.64	---	33	33	4	---	7-32	---	6-33	---
MW10	11/27/89	12/21/00	14.05	10	25.5	25	4	Sch 40 PVC	15-25	0.010	13-25	---
MW11	11/27/89	12/21/00	13.55	10	30.5	30	4	Sch 40 PVC	15-30	0.010	14-30	---
MW12	11/28/89	---	12.61	10	15.5	15.5	4	Sch 40 PVC	5-15	0.010	4-15.5	---
MW13	11/28/89	12/21/00	14.20	10	15.5	15	4	Sch 40 PVC	5-15	0.010	4-15	---
MW14	10/31/90	---	15.14	10	18.5	17	4	PVC	7-17	0.010	5.5-17	---
MW15	10/31/90	12/21/00	13.73	10	17	17	4	PVC	7-17	0.010	5.5-17	---
MW16A	08/24/09	---	13.02	8	14	12.5	2	PVC	7.5-12.5	0.020	6.5-14	#3 Sand
MW16B	08/24/09	---	13.19	8	24	24	2	PVC	20-24	0.020	18-24	#3 Sand
MW17A	08/25/09	---	13.99	8	13	13	2	PVC	8-13	0.020	6.5-13	#3 Sand
MW17B	08/25/09	---	13.92	8	26	26	2	PVC	22-26	0.020	20-26	#3 Sand
MW18A	08/25/09	---	13.55	8	14	14	2	PVC	9-14	0.020	7-14	#3 Sand
MW18B	08/25/09	---	13.21	8	31	31	2	PVC	26-31	0.020	24-31	#3 Sand
MW19A	08/26/09	---	15.05	8	14	14	2	PVC	9-14	0.020	7-14	#3 Sand
MW19B	08/26/09	---	15.05	8	26	24	2	PVC	20-24	0.020	18-26	#3 Sand
MW20	05/09/14	---	12.58	10	13.5	13.5	2	PVC	8-13.5	0.020	7-13.5	#3 Sand
MW21	05/09/14	---	11.82	10	13	13	2	PVC	8-13	0.020	7-13	#3 Sand
VW1	02/11/93	Destroyed	14.01	12	8	7	4	Sch 40 PVC	4-7	0.10	3-7	---
VW2	02/11/93	12/21/00	14.09	12	10	10	4	Sch 40 PVC	5-10	0.10	4-10	---
VW3	02/11/93	12/21/00	13.37	12	8	8	4	Sch 40 PVC	5-8	0.10	4-8	---

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

Well ID	Well Installation Date	Well Destruction Date	TOC Elevation (feet)	Borehole Diameter (inches)	Total Depth of Boring (feet bgs)	Well Depth (feet bgs)	Casing Diameter (inches)	Well Casing Material	Screened Interval (feet bgs)	Slot Size (inches)	Filter Pack Interval (feet bgs)	Filter Pack Material
RW1	April 1994	---	13.76	---	---	---	6	---	---	---	---	---
RW2	April 1994	---	13.45	---	---	---	6	---	---	---	---	---
RW3	April 1994	---	13.12	---	---	---	6	---	---	---	---	---
RW4	April 1994	---	12.65	---	---	---	6	---	---	---	---	---
RW5	April 1994	12/21/00	---	---	---	---	6	---	---	---	---	---
RW6	April 1994	12/21/00	---	---	---	---	6	---	---	---	---	---
RW7	April 1994	12/21/00	---	---	---	---	6	---	---	---	---	---
AS1	April 1994	---	---	---	---	---	---	---	---	---	---	---
AS2	April 1994	---	---	---	---	---	---	---	---	---	---	---
AS3	April 1994	---	---	---	---	---	---	---	---	---	---	---
AS4	April 1994	---	---	---	---	---	---	---	---	---	---	---
AS5	April 1994	---	---	---	---	---	---	---	---	---	---	---
AS6	April 1994	---	---	---	---	---	---	---	---	---	---	---

Notes:

TOC = Top of well casing elevation; datum is mean sea level.

PVC = Polyvinyl chloride.

feet bgs = Feet below ground surface.

--- = Not measured.

TABLE 3A
CUMULATIVE SOIL ANALYTICAL RESULTS
Former Exxon Service Station 73006
720 High Street
Oakland, California

Sample ID	Associated Well/Boring	Sampling Date	Depth (feet bgs)	TPHmo (mg/kg)	TPHd (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)
Excavation Samples											
Former Gasoline UST Excavation											
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	---	---	---	---	---
S-10-E	---	05/05/87	10.0	---	---	186.6	---	---	---	---	---
S-7-S	---	05/05/87	7.0	---	---	13.55	---	---	---	---	---
S-6-W	---	05/05/87	6.0	---	---	8.69	---	---	---	---	---
S-16-S	---	05/06/87	16.0	---	---	0.86	---	---	---	---	---
S1	---	05/14/87	14.0	---	c	c	c	c	c	c	c
S2	---	05/14/87	14.0	---	c	c	c	c	c	c	c
S-14EE	---	05/15/87	14.0	---	---	---	---	20	40	60	180
Former Product Line Trench Samples											
S3-Trench	---	04/28/87	3.0	---	434	---	---	---	---	---	---
S(3A+3B)	---	05/05/87	---	---	---	17.0	---	---	---	---	---
S(3C+3D)	---	05/05/87	---	---	---	4,299.0	---	---	---	---	---
S-1T	---	06/03/87	---	---	---	0.71	---	---	---	---	---
S-2T	---	06/03/87	---	---	---	1.70	---	---	---	---	---
S-3T	---	06/03/87	---	---	---	3.21	---	---	---	---	---
S-4T	---	06/03/87	---	---	---	0.44	---	---	---	---	---
Former Gasoline UST Pit											
S-1A	---	07/26/89	5.0	---	<5	---	---	---	---	---	---
S-1B	---	07/26/89	9.0	---	---	61	---	---	---	---	---
S-2A	---	08/04/89	9.0	---	---	3.8	---	<0.050	<0.050	<0.050	<0.050
S-3A	---	08/04/89	9.0	---	4,200	290	---	0.77	0.15	0.30	0.63
S-4A	---	08/04/89	9.0	---	---	93	---	<0.097	<0.050	<0.050	<0.050

TABLE 3A
CUMULATIVE SOIL ANALYTICAL RESULTS
Former Exxon Service Station 73006
720 High Street
Oakland, California

Sample ID	Associated Well/Boring	Sampling Date	Depth (feet bgs)	TPHmo (mg/kg)	TPHd (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)
New Tank Pit Excavation											
S-12-TPW1	---	01/15/91	12.0	---	<10	6.2	---	<0.005	0.010	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
Monitoring Wells and Soil Borings											
Monitoring Wells											
S-7.5-B1	MW1	05/21/88	7.5	---	25	<10	---	<0.050	<0.050	<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-7.5-B12	MW12	11/28/89	7.5	---	23	160	---	1.2	3.1	3.4	14
S-10-B12	MW12	11/28/89	10.0	---	16	3.1	---	0.86	0.090	0.18	0.17

TABLE 3A
CUMULATIVE SOIL ANALYTICAL RESULTS
Former Exxon Service Station 73006
720 High Street
Oakland, California

Sample ID	Associated Well/Boring	Sampling Date	Depth (feet bgs)	TPHmo (mg/kg)	TPHd (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)
S-7.5-B13	MW13	11/28/89	7.5	---	<10	<2	---	<0.05	0.12	<0.05	0.10
S-10-B13	MW13	11/28/89	10.0	---	<10	17	---	<0.05	0.14	0.33	1.2
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-18-MW14	B31	10/31/90	18.0	---	<10	837	---	0.10	1.6	6.0	34
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-13.5-MW15	B32	10/31/90	13.5	---	<10	<1.0	---	<0.005	<0.005	<0.005	<0.007
S-5.0-MW16A	MW16A	08/20/09	5.0	---	<5.0	0.67a	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-10.5-MW16A	MW16A	08/24/09	10.5	---	90a	1,200	<2.0	<2.0	<2.0	16	3.3
S-12.5-MW16A	MW16A	08/24/09	12.5	---	<5.0	2.3	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-5.0-MW16B	MW16B	08/20/09	5.0	---	<5.0	3.6a	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-10.5-MW16B	MW16B	08/24/09	10.5	---	5.6a	130	<0.50	<0.50	<0.50	1.9	1.0
S-16.5-MW16B	MW16B	08/25/09	16.5	---	<5.0	1.2	0.0060	<0.0050	<0.0050	<0.0050	<0.0050
S-20.5-MW16B	MW16B	08/25/09	20.5	---	<5.0	0.76	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-23.0-MW16B	MW16B	08/25/09	23.0	---	<5.0	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-5.0-MW17A	MW17A	08/20/09	5.0	---	<5.0	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-10.5-MW17A	MW17A	08/25/09	10.5	---	9.5a	110	<0.50	<0.50	<0.50	<0.50	<0.50
S-12.5-MW17A	MW17A	08/25/09	12.5	---	<5.0	56	<0.50	<0.50	<0.50	<0.50	<0.50
S-5.5-MW17B	MW17B	08/18/09	5.5	---	6.1	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-10.5-MW17B	MW17B	08/25/09	10.5	---	<5.0	0.92	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-17.0-MW17B	MW17B	08/25/09	17.0	---	<5.0	<0.50	0.0082	<0.0050	<0.0050	<0.0050	<0.0050
S-20.5-MW17B	MW17B	08/25/09	20.5	---	<5.0	<0.50	0.096	<0.0050	<0.0050	<0.0050	<0.0050
S-23.0-MW17B	MW17B	08/25/09	23.0	---	<5.0	<0.50	0.0060	<0.0050	<0.0050	<0.0050	<0.0050
S-24.5-MW17B	MW17B	08/25/09	24.5	---	<5.0	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-5-MW18A	MW18A	08/17/09	5.0	---	<5.0	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-10.5-MW18A	MW18A	08/26/09	10.5	---	<5.0	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-12.5-MW18A	MW18A	08/26/09	12.5	---	14	1.8	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-5-MW18B	MW18B	08/17/09	5.0	---	<5.0	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-10.5-MW18B	MW18B	08/25/09	10.5	---	2,700	990	<1.0	<1.0	<1.0	<1.0	<1.0
S-12.5-MW18B	MW18B	08/25/09	12.5	---	940	950	<1.0	<1.0	<1.0	<1.0	<1.0
S-17.0-MW18B	MW18B	08/25/09	17.0	---	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
S-21.0-MW18B	MW18B	08/25/09	21.0	---	<5.0	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-27.0-MW18B	MW18B	08/25/09	27.0	---	<5.0	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-29.0-MW18B	MW18B	08/25/09	29.0	---	<5.0	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-30.5-MW18B	MW18B	08/25/09	30.5	---	<5.0	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

TABLE 3A
CUMULATIVE SOIL ANALYTICAL RESULTS
Former Exxon Service Station 73006
720 High Street
Oakland, California

Sample ID	Associated Well/Boring	Sampling Date	Depth (feet bgs)	TPHmo (mg/kg)	TPHd (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)
S-5.0-MW19A	MW19A	08/18/09	5.0	---	<5.0	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-10.5-MW19A	MW19A	08/26/09	10.5	---	110a	1,900	<0.50	<0.50	<0.50	19	20
S-12.5-MW19A	MW19A	08/26/09	12.5	---	<5.0	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-5.0-MW19B	MW19B	08/18/09	5.0	---	<5.0	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-10.5-MW19B	MW19B	08/26/09	10.5	---	<5.0	36	<0.50	<0.50	<0.50	<0.50	<0.50
S-16.0-MW19B	MW19B	08/26/09	16.0	---	<5.0	0.55	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-20.5-MW19B	MW19B	08/26/09	20.5	---	<5.0	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-22.5-MW19B	MW19B	08/26/09	22.5	---	<5.0	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-24.5-MW19B	MW19B	08/26/09	24.5	---	<5.0	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-5-MW20	MW20	05/09/14	5.0	---	160a	91a	<0.50	<0.50	<0.50	<0.50	<0.50
S-8-MW20	MW20	05/09/14	8.0	---	530a	160a	<0.50	<0.50	<0.50	<0.50	<0.50
S-10-MW20	MW20	05/09/14	10.0	---	380a	270a	<0.52	<0.52	<0.52	<0.52	<0.52
S-13-MW20	MW20	05/09/14	13.0	---	200a	320a	<0.50	<0.50	<0.50	<0.50	<0.50
S-5-MW21	MW21	05/08/14	5.0	---	5.5a	1.9a	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052
S-10-MW21	MW21	05/09/14	10.0	---	840a	360a	<0.49	<0.49	<0.49	<0.49	<0.49
S-13-MW21	MW21	05/09/14	13.0	---	270a	840a	<0.50	<0.50	<0.50	0.81	<0.50
Soil Borings											
S-10-B14	B14	11/29/89	10.0	---	1,900	3,400	---	<0.5	<0.5	1.2	1.2
S-5-B15	B15	11/28/89	5.0	---	<10	130	---	2.2	7.2	2.2	11
S-7.5-B15	B15	11/28/89	7.5	---	28	98	---	0.97	3.9	1.8	9.8
S-10-B15	B15	11/28/89	10.0	---	82	180	---	1.4	4.4	3.6	16
S-5-B16	B16	11/28/89	5.0	---	43	87	---	2.2	4.4	1.7	7.6
S-7.5-B16	B16	11/28/89	7.5	---	1,500	1,100	---	9.0	60	23	109
S-10-B16	B16	11/28/89	10.0	---	110	380	---	4.2	11	8.4	35
S-5-B17	B17	11/29/89	5.0	---	<10	<2	---	<0.050	<0.050	<0.050	<0.050
S-7.5-B17	B17	11/29/89	7.5	---	<10	8.1	---	0.085	<0.050	0.19	0.24
S-10-B17	B17	11/29/89	10.0	---	200	7.1	---	0.091	<0.050	0.20	0.25
S-5-B18	B18	11/29/89	5.0	---	46	210	---	1.6	0.71	3.9	12
S-7.5-B18	B18	11/29/89	7.5	---	270	210	---	2.4	0.50	4.8	20
S-10-B18	B18	11/29/89	10.0	---	2,000	130	---	0.93	0.36	2.8	11
S-10-B19	B19	11/29/89	10.0	---	21	21	---	<0.5	<0.5	<0.5	1.7
S-10-B20	B20	11/29/89	10.0	---	360	3,100	---	<5	<5	64	120
S-3-B21	B21	11/01/90	3.0	---	1,125	433	---	9.0	0.9	7.5	13
S-8-B21	B21	11/01/90	8.0	---	2,112	1,084	---	22	3.5	31	100

TABLE 3A
CUMULATIVE SOIL ANALYTICAL RESULTS
Former Exxon Service Station 73006
720 High Street
Oakland, California

Sample ID	Associated Well/Boring	Sampling Date	Depth (feet bgs)	TPHmo (mg/kg)	TPHd (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)
S-5.5-B22	B22	11/01/90	5.5	---	2,570	423	---	6.9	1.0	19	18
S-8-B22	B22	11/01/90	8.0	---	210	3,232	---	31	123	137	493
S-3-B23	B23	11/01/90	3.0	---	<10	20	---	0.50	0.08	0.41	0.70
S-8-B23	B23	11/01/90	8.0	---	<10	277	---	2.4	3.5	7.2	28
S-5.5-B24	B24	11/01/90	5.5	---	<10	<1.0	---	<0.005	<0.005	<0.005	<0.007
S-8-B24	B24	11/01/90	8.0	---	<10	80	---	0.70	0.26	<0.005	0.70
S-5.5-B25	B25	11/01/90	5.5	---	<10	<1.0	---	<0.005	<0.005	<0.005	<0.007
S-8-B25	B25	11/01/90	8.0	---	<10	15	---	0.27	0.05	0.17	0.75
S-5.5-B26	B26	11/01/90	5.5	---	<10	<1.0	---	<0.005	<0.005	<0.005	<0.007
S-8-B26	B26	11/01/90	8.0	---	<10	<1.0	---	<0.005	<0.005	<0.005	<0.007
S-5.5-B27	B27	11/01/90	5.5	---	<10	12	---	0.17	0.05	1.7	0.91
S-8-B27	B27	11/01/90	8.0	---	<10	608	---	8.1	2.7	19	30
S-3-B28	B28	11/02/90	3.0	---	<10	22	---	1.0	1.0	0.43	2.5
S-8-B28	B28	11/02/90	8.0	---	<10	1,295	---	10	45	52	156
S-5.5-B29	B29	11/02/90	5.5	---	<10	1,931	---	31	122	84	240
S-8-B29	B29	11/02/90	8.0	---	<10	1,262	---	14	68	49	153
S-5.5-B30	B30	11/02/90	5.5	---	<10	1,069	---	20	39	44	116
S-8-B30	B30	11/02/90	8.0	---	<10	1,118	---	9.3	62	47	143
S-3.5-B35	VW1	02/11/93	3.5	---	<5.0	<1	---	0.033	<0.0050	<0.0050	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	<0.0050	<0.0050	0.021
S-7-B36	VW2	02/11/93	7.0	---	<5.0	<1	---	0.0054	<0.0050	<0.0050	<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
S-3-B38	B38	01/05/15	3.0	<25	<4.9	<0.51	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
S-5.5-B38	B38	01/05/15	5.5	<25	<5.0	<0.48	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-9.5-B38	B38	01/05/15	9.5	<25	<5.0	<0.50	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051

TABLE 3A
CUMULATIVE SOIL ANALYTICAL RESULTS
Former Exxon Service Station 73006
720 High Street
Oakland, California

Sample ID	Associated Well/Boring	Sampling Date	Depth (feet bgs)	TPHmo (mg/kg)	TPHd (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)
CPT Borings											
S-2-CPT1	CPT1	04/06/05	2.0	---	155	<4.97	<0.0020	0.0038	<0.0050	<0.0050	<0.0050
S-4-CPT1	CPT1	04/06/05	4.0	---	539	<4.98	<0.0020	0.0057	<0.0050	<0.0050	0.0218
S-6-CPT1	CPT1	04/06/05	6.0	---	270	<4.99	<0.0020	0.0056	<0.0050	<0.0050	0.0219
S-2-CPT2	CPT2	04/07/05	2.0	---	<10.2	<5.01	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-4-CPT2	CPT2	04/07/05	4.0	---	<10.0	<5.04	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-6-CPT2	CPT2	04/07/05	6.0	---	59.6	<5.03	<0.0020	0.0053	<0.0050	<0.0050	0.0210
S-8-CPT2	CPT2	04/07/05	8.0	---	77.7	<4.98	<0.0020	0.0130	0.0053	<0.0050	0.0092
S-2-CPT3	CPT3	04/07/05	2.0	---	402	<5.03	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-4-CPT3	CPT3	04/07/05	4.0	---	73.2	<5.03	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-6-CPT3	CPT3	04/07/05	6.0	---	177	<5.00	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-8-CPT3	CPT3	04/07/05	8.0	---	33.0	<5.00	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-2-CPT4	CPT4	04/07/05	2.0	---	<10.0	<5.02	<0.0020	0.0021	<0.0050	0.0094	<0.0050
S-4-CPT4	CPT4	04/07/05	4.0	---	<9.92	<5.01	0.0029	0.0163	<0.0050	0.189	0.159
S-6-CPT4	CPT4	04/07/05	6.0	---	10.3	52.7	0.0077	0.0288	0.0196	5.70	19.1
S-8-CPT4	CPT4	04/07/05	8.0	---	17.3	62.3	0.0230	0.0413	0.0289	0.112	5.40
S-2-CPT5	CPT5	04/07/05	2.0	---	<9.92	<5.01	<0.0020	0.0019	<0.0050	<0.0050	<0.0050
S-4-CPT5	CPT5	04/07/05	4.0	---	12.0	<4.98	<0.0020	0.0025	<0.0050	<0.0050	<0.0050
S-6-CPT5	CPT5	04/07/05	6.0	---	<9.92	<5.04	<0.0020	0.0011	<0.0050	<0.0050	<0.0050
S-8-CPT5	CPT5	04/07/05	8.0	---	<10.1	<5.04	0.0046	<0.0010	<0.0050	<0.0050	<0.0050
S-2-CPT6	CPT6	04/06/05	2.0	---	<9.98	<5.05	<0.0020	<0.0010	<0.0051	<0.0051	<0.0051
S-4-CPT6	CPT6	04/06/05	4.0	---	<10.1	<5.02	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-6-CPT6	CPT6	04/06/05	6.0	---	93.4	<5.02	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-8-CPT6	CPT6	04/06/05	8.0	---	<9.88	<5.02	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-5-CPT7	CPT7	12/11/06	5.0	---	<3.92	<0.502	<0.00200	<0.00200	<0.00200	<0.00200	<0.00500
S-5-CPT11	CPT11	12/12/06	5.0	---	26a	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-5-CPT12	CPT12	12/11/06	5.0	---	<3.96	<0.498	<0.00200	<0.00200	<0.00200	<0.00200	<0.00500
Direct-Push Samples											
S-2-DP1	DP1	04/07/05	2.0	---	<10.0	<5.01	<0.0020	0.0029	<0.0050	<0.0050	<0.0050
S-4-DP1	DP1	04/07/05	4.0	---	<10.1	<5.02	<0.0020	0.0139	<0.0050	0.0061	0.0223
S-6-DP1	DP1	04/07/05	6.0	---	28.3	65.0	<0.0020	0.0890	0.0131	11.6	56.5
S-8-DP1	DP1	04/07/05	8.0	---	79.8	226	<0.100	0.743	<1.24	6.34	17.5
S-10.5-DP1	DP1	04/14/05	10.5	---	33.0a	1,190	0.0111	4.78	6.67	32.9	130

TABLE 3A
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Former Exxon Service Station 73006
720 High Street
Oakland, California

Sample ID	Associated Well/Boring	Sampling Date	Depth (feet bgs)	TPHmo (mg/kg)	TPHd (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)
S-2-DP3	DP3	04/06/05	2.0	---	1,840	<5.02	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-4-DP3	DP3	04/06/05	4.0	---	<10.1	<5.02	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-6-DP3	DP3	04/06/05	6.0	---	<10.2	<5.03	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-8-DP3	DP3	04/06/05	8.0	---	<10.1	<5.00	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-9.5-DP3	DP3	04/14/05	9.5	---	<10.1	<4.95	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-12-DP3	DP3	04/14/05	12.0	---	64.0a	26.3	<0.0020	0.0209	<0.0050	0.0079	0.0780
S-2-DP4	DP4	04/07/05	2.0	---	65.6	<5.00	<0.0020	0.0044	<0.0050	<0.0050	0.0091
S-4-DP4	DP4	04/07/05	4.0	---	<9.96	<5.05	<0.0020	0.0027	<0.0051	<0.0051	<0.0051
S-6-DP4	DP4	04/07/05	6.0	---	<10.2	<5.01	<0.0020	0.0114	<0.0050	0.136	1.55
S-8-DP4	DP4	04/07/05	8.0	---	11.1	12.4	<0.0020	0.0260	0.0086	1.82	2.36
S-10.5-DP4	DP4	04/14/05	10.5	---	50.0a	366	<0.0020	1.39	1.49	5.76	33.9
S-2-DP5	DP5	04/07/05	2.0	---	12,000	16.7	<0.0020	7.79	0.0235	0.0116	0.0588
S-4-DP5	DP5	04/07/05	4.0	---	1,200	<4.98	<0.0020	0.128	<0.0050	0.0100	0.0228
S-6-DP5	DP5	04/07/05	6.0	---	3,610	8.61	<0.0020	0.599	<0.0050	0.0095	0.0339
S-8-DP5	DP5	04/07/05	8.0	---	3,850	522	<0.0020	6.99	<1.26	<1.26	2.09
S-10.5-DP5	DP5	04/14/05	10.5	---	875a	842	<0.0020	4.61	1.14	7.90	1.75
S-2-DP6	DP6	04/06/05	2.0	---	13.1	<5.05	<0.0020	<0.0010	<0.0051	<0.0051	<0.0051
S-4-DP6	DP6	04/06/05	4.0	---	36.4	<5.05	<0.0020	<0.0010	<0.0051	<0.0051	<0.0051
S-6-DP6	DP6	04/06/05	6.0	---	<20.4	<5.05	<0.0020	<0.0010	<0.0051	<0.0051	<0.0051
S-5-DP7	DP7	12/08/06	5.0	---	245a	0.696	<0.00200	<0.00200	<0.00200	<0.00200	<0.00500
S-10-DP7	DP7	12/14/06	10.0	---	900	370	<0.050	<0.050	<0.050	<0.050	0.056
S-15.5-DP7	DP7	12/14/06	15.5	---	<1.0	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-20-DP7	DP7	12/14/06	20.0	---	6.4a	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-25.5-DP7	DP7	12/14/06	25.5	---	5.6a	<0.10	0.011	<0.0050	<0.0050	<0.0050	<0.0050
S-29.5-DP7	DP7	12/14/06	29.5	---	3.5a	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-5-DP8	DP8	12/08/06	5.0	---	318a	<0.499	<0.00200	<0.00200	<0.00200	<0.00200	<0.00500
S-10-DP8	DP8	12/14/06	10.0	---	890	110	<0.050	<0.050	<0.050	<0.050	<0.050
S-15-DP8	DP8	12/14/06	15.0	---	49a	120	<0.050	<0.050	<0.050	<0.050	<0.050
S-19.5-DP8	DP8	12/14/06	19.5	---	2.9a	0.33	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-29.5-DP8	DP8	12/14/06	29.5	---	1.8a	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-5-DP9	DP9	12/11/06	5.0	---	465a	<0.495	<0.00200	0.00773	<0.00200	<0.00200	<0.00500
S-9.5-DP9	DP9	12/15/06	9.5	---	2,000a	61	<0.0050	<0.0050	<0.0050	<0.0050	0.013
S-14.5-DP9	DP9	12/15/06	14.5	---	10a	0.21	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-20-DP9	DP9	12/15/06	20.0	---	5.7a	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-25.5-DP9	DP9	12/15/06	25.5	---	16a	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-29.5-DP9	DP9	12/15/06	29.5	---	4.1a	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Hydropunch Samples											
S-5-HP7	HP7	12/11/06	5.0	---	102a	<0.505	<0.00200	<0.00200	<0.00200	<0.00200	<0.00500

TABLE 3A
CUMULATIVE SOIL ANALYTICAL RESULTS
Former Exxon Service Station 73006
720 High Street
Oakland, California

Sample ID	Associated Well/Boring	Sampling Date	Depth (feet bgs)	TPHmo (mg/kg)	TPHd (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)
S-5-HP11	HP11	12/11/06	5.0	---	2.0a	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-5-HP12	HP12	12/12/06	5.0	---	1.2a	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Soil Stockpile Samples											
Soil Stockpile Samples											
SP-1 (A-D)	---	12/15/06	---	---	270	3.6	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SP1-(1-4)	---	09/01/09	---	---	10	22	<0.50	<0.50	<0.50	<0.50	<0.50
SP-1	---	05/09/14	---	---	---	790a	<0.51	<0.51	<0.51	<0.51	<0.51

Notes: Highlighted sample representative of soil removed from site. Sample in grey font representative of pre-remediation conditions.

S-2-CPT1 = Soil - Sample Depth - Sample Location.
TPHmo = Total petroleum hydrocarbons as motor oil analyzed using EPA Method 8015B.
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.
Metals = Total metals analyzed using EPA Method 6010B.
PAHs = Polyaromatic hydrocarbons analyzed using EPA Method 8310.
feet bgs = Feet below ground surface.
mg/kg = Milligrams per kilogram.
< = Less than the stated reporting limit.
a = Chromatographic pattern does not match that of the specified standard.
b = Hydrocarbons greater than C22 were detected; 460 mg/kg of oil and grease analyzed using Standard Method 5520 were detected.
c = Data missing from historical files.
d = n-Butylbenzene.
e = Sample analyzed beyond recommended hold time.

TABLE 3B
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)
Excavation Samples											
Former Gasoline UST Excavation											
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	---	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---	---
Former Product Line Trench Samples											
S3-Trench	---	04/28/87	3.0	---	---	---	---	---	---	---	---
S(3A+3B)	---	05/05/87	---	---	---	---	---	---	---	---	---
S(3C+3D)	---	05/05/87	---	---	---	---	---	---	---	---	---
S-1T	---	06/03/87	---	---	---	---	---	---	---	---	---
S-2T	---	06/03/87	---	---	---	---	---	---	---	---	---
S-3T	---	06/03/87	---	---	---	---	---	---	---	---	---
S-4T	---	06/03/87	---	---	---	---	---	---	---	---	---
Former Gasoline UST Pit											
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	---	---	---	---	---	---	---	---
New Tank Pit Excavation											
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	---	---	---	---	---	---	---	---

TABLE 3B
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-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	---	---	---	---	---	---	---	---
Monitoring Wells and Soil Borings											
Monitoring Wells											
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-7.5-B12	MW12	11/28/89	7.5	---	---	---	---	---	---	---	---
S-10-B12	MW12	11/28/89	10.0	---	---	---	---	---	---	---	---
S-7.5-B13	MW13	11/28/89	7.5	---	---	---	---	---	---	---	---
S-10-B13	MW13	11/28/89	10.0	---	---	---	---	---	---	---	---
S-3-MW14	B31	10/31/90	3.0	---	---	---	---	---	---	---	---
S-8-MW14	B31	10/31/90	8.0	---	---	---	---	---	---	---	---
S-18-MW14	B31	10/31/90	18.0	---	---	---	---	---	---	---	---
S-6-MW15	B32	10/31/90	6.0	---	---	---	---	---	---	---	---
S-8.5-MW15	B32	10/31/90	8.5	---	---	---	---	---	---	---	---
S-13.5-MW15	B32	10/31/90	13.5	---	---	---	---	---	---	---	---

TABLE 3B
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-5.0-MW16A	MW16A	08/20/09	5.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-10.5-MW16A	MW16A	08/24/09	10.5	<2.0	<2.0	<4.0	<20	<4.0	<4.0	<100	---
S-12.5-MW16A	MW16A	08/24/09	12.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-5.0-MW16B	MW16B	08/20/09	5.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-10.5-MW16B	MW16B	08/24/09	10.5	<0.50	<0.50	<1.0	<5.0	<1.0	<1.0	<25	---
S-16.5-MW16B	MW16B	08/25/09	16.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-20.5-MW16B	MW16B	08/25/09	20.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-23.0-MW16B	MW16B	08/25/09	23.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-5.0-MW17A	MW17A	08/20/09	5.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-10.5-MW17A	MW17A	08/25/09	10.5	<0.50	<0.50	<1.0	<5.0	<1.0	<1.0	<25	---
S-12.5-MW17A	MW17A	08/25/09	12.5	<0.50	<0.50	<1.0	<5.0	<1.0	<1.0	<25	---
S-5.5-MW17B	MW17B	08/18/09	5.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-10.5-MW17B	MW17B	08/25/09	10.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-17.0-MW17B	MW17B	08/25/09	17.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-20.5-MW17B	MW17B	08/25/09	20.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-23.0-MW17B	MW17B	08/25/09	23.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-24.5-MW17B	MW17B	08/25/09	24.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-5-MW18A	MW18A	08/17/09	5.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-10.5-MW18A	MW18A	08/26/09	10.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-12.5-MW18A	MW18A	08/26/09	12.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-5-MW18B	MW18B	08/17/09	5.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-10.5-MW18B	MW18B	08/25/09	10.5	<1.0	<1.0	<2.0	<10	<2.0	<2.0	<50	---
S-12.5-MW18B	MW18B	08/25/09	12.5	<1.0	<1.0	<2.0	<10	<2.0	<2.0	<50	---
S-17.0-MW18B	MW18B	08/25/09	17.0	<0.50	<0.50	<1.0	<5.0	<1.0	<1.0	<25	---
S-21.0-MW18B	MW18B	08/25/09	21.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-27.0-MW18B	MW18B	08/25/09	27.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-29.0-MW18B	MW18B	08/25/09	29.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-30.5-MW18B	MW18B	08/25/09	30.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-5.0-MW19A	MW19A	08/18/09	5.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-10.5-MW19A	MW19A	08/26/09	10.5	<0.50	<0.50	<1.0	<5.0	<1.0	<1.0	<25	---
S-12.5-MW19A	MW19A	08/26/09	12.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-5.0-MW19B	MW19B	08/18/09	5.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-10.5-MW19B	MW19B	08/26/09	10.5	<0.50	<0.50	<1.0	<5.0	<1.0	<1.0	<25	---
S-16.0-MW19B	MW19B	08/26/09	16.0	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-20.5-MW19B	MW19B	08/26/09	20.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-22.5-MW19B	MW19B	08/26/09	22.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-24.5-MW19B	MW19B	08/26/09	24.5	<0.0050	<0.0050	<0.010	<0.050	<0.010	<0.010	<0.25	---
S-5-MW20	MW20	05/09/14	5.0	<0.50	<0.50	<0.99	<5.0	<0.99	<0.99	<25	---

TABLE 3B
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-MW20	MW20	05/09/14	8.0	<0.50	<0.50	<1.0	<5.0	<1.0	<1.0	<25	---
S-10-MW20	MW20	05/09/14	10.0	<0.52	<0.52	<1.0	<5.2	<1.0	<1.0	<26	---
S-13-MW20	MW20	05/09/14	13.0	<0.50	<0.50	<0.99	<5.0	<0.99	<0.99	<25	---
S-5-MW21	MW21	05/08/14	5.0	<0.0052	<0.0052	<0.010	<0.052	<0.010	<0.010	<0.26	---
S-10-MW21	MW21	05/09/14	10.0	<0.49	<0.49	<0.98	<4.9	<0.98	<0.98	<25	---
S-13-MW21	MW21	05/09/14	13.0	<0.50	<0.50	<1.0	<5.0	<1.0	<1.0	<25	---
Soil Borings											
S-10-B14	B14	11/29/89	10.0	---	---	---	---	---	---	---	---
S-5-B15	B15	11/28/89	5.0	---	---	---	---	---	---	---	---
S-7.5-B15	B15	11/28/89	7.5	---	---	---	---	---	---	---	---
S-10-B15	B15	11/28/89	10.0	---	---	---	---	---	---	---	---
S-5-B16	B16	11/28/89	5.0	---	---	---	---	---	---	---	---
S-7.5-B16	B16	11/28/89	7.5	---	---	---	---	---	---	---	---
S-10-B16	B16	11/28/89	10.0	---	---	---	---	---	---	---	---
S-5-B17	B17	11/29/89	5.0	---	---	---	---	---	---	---	---
S-7.5-B17	B17	11/29/89	7.5	---	---	---	---	---	---	---	---
S-10-B17	B17	11/29/89	10.0	---	---	---	---	---	---	---	---
S-5-B18	B18	11/29/89	5.0	---	---	---	---	---	---	---	---
S-7.5-B18	B18	11/29/89	7.5	---	---	---	---	---	---	---	---
S-10-B18	B18	11/29/89	10.0	---	---	---	---	---	---	---	---
S-10-B19	B19	11/29/89	10.0	---	---	---	---	---	---	---	---
S-10-B20	B20	11/29/89	10.0	---	---	---	---	---	---	---	---
S-3-B21	B21	11/01/90	3.0	---	---	---	---	---	---	---	---
S-8-B21	B21	11/01/90	8.0	---	---	---	---	---	---	---	---
S-5.5-B22	B22	11/01/90	5.5	---	---	---	---	---	---	---	---
S-8-B22	B22	11/01/90	8.0	---	---	---	---	---	---	---	---
S-3-B23	B23	11/01/90	3.0	---	---	---	---	---	---	---	---
S-8-B23	B23	11/01/90	8.0	---	---	---	---	---	---	---	---
S-5.5-B24	B24	11/01/90	5.5	---	---	---	---	---	---	---	---
S-8-B24	B24	11/01/90	8.0	---	---	---	---	---	---	---	---
S-5.5-B25	B25	11/01/90	5.5	---	---	---	---	---	---	---	---
S-8-B25	B25	11/01/90	8.0	---	---	---	---	---	---	---	---
S-5.5-B26	B26	11/01/90	5.5	---	---	---	---	---	---	---	---

TABLE 3B
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-B26	B26	11/01/90	8.0	---	---	---	---	---	---	---	---
S-5.5-B27	B27	11/01/90	5.5	---	---	---	---	---	---	---	---
S-8-B27	B27	11/01/90	8.0	---	---	---	---	---	---	---	---
S-3-B28	B28	11/02/90	3.0	---	---	---	---	---	---	---	---
S-8-B28	B28	11/02/90	8.0	---	---	---	---	---	---	---	---
S-5.5-B29	B29	11/02/90	5.5	---	---	---	---	---	---	---	---
S-8-B29	B29	11/02/90	8.0	---	---	---	---	---	---	---	---
S-5.5-B30	B30	11/02/90	5.5	---	---	---	---	---	---	---	---
S-8-B30	B30	11/02/90	8.0	---	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---	---
S-3-B38	B38	01/05/15	3.0	---	---	<0.010	<0.051	<0.010	<0.010	---	---
S-5.5-B38	B38	01/05/15	5.5	---	---	<0.0099	<0.050	<0.0099	<0.0099	---	---
S-9.5-B38	B38	01/05/15	9.5	---	---	<0.010	<0.051	<0.010	<0.010	---	---
CPT Borings											
S-2-CPT1	CPT1	04/06/05	2.0	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-4-CPT1	CPT1	04/06/05	4.0	<0.0020	<0.00200	<0.0501	<0.0020	<0.0020	<0.0020	---	---
S-6-CPT1	CPT1	04/06/05	6.0	<0.0020	<0.00199	<0.0497	<0.0020	<0.0020	<0.0020	---	---
S-2-CPT2	CPT2	04/07/05	2.0	<0.0020	<0.00202	<0.0504	<0.0020	<0.0020	<0.0020	---	---
S-4-CPT2	CPT2	04/07/05	4.0	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-6-CPT2	CPT2	04/07/05	6.0	<0.0020	<0.00200	<0.0501	<0.0020	<0.0020	<0.0020	---	---
S-8-CPT2	CPT2	04/07/05	8.0	<0.0020	<0.00200	<0.0500	<0.0020	<0.0020	<0.0020	---	---
S-2-CPT3	CPT3	04/07/05	2.0	<0.0020	<0.00199	<0.0498	<0.0020	<0.0020	<0.0020	---	---
S-4-CPT3	CPT3	04/07/05	4.0	<0.0020	<0.00198	<0.0496	<0.0020	<0.0020	<0.0020	---	---
S-6-CPT3	CPT3	04/07/05	6.0	<0.0020	<0.00200	<0.0501	<0.0020	<0.0020	<0.0020	---	---
S-8-CPT3	CPT3	04/07/05	8.0	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-2-CPT4	CPT4	04/07/05	2.0	<0.0020	<0.00198	<0.0496	<0.0020	<0.0020	<0.0020	---	---

TABLE 3B
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-4-CPT4	CPT4	04/07/05	4.0	<0.0020	<0.00202	<0.0505	<0.0020	<0.0020	<0.0020	---	---
S-6-CPT4	CPT4	04/07/05	6.0	<0.0020	<0.00200	<0.0500	<0.0020	<0.0020	<0.0020	---	---
S-8-CPT4	CPT4	04/07/05	8.0	<0.0020	<0.00199	0.0567	<0.0020	<0.0020	<0.0020	---	---
S-2-CPT5	CPT5	04/07/05	2.0	<0.0020	<0.00199	<0.0497	<0.0020	<0.0020	<0.0020	---	---
S-4-CPT5	CPT5	04/07/05	4.0	<0.0020	<0.00200	<0.0501	<0.0020	<0.0020	<0.0020	---	---
S-6-CPT5	CPT5	04/07/05	6.0	<0.0020	<0.00198	<0.0495	<0.0020	<0.0020	<0.0020	---	---
S-8-CPT5	CPT5	04/07/05	8.0	<0.0020	<0.00200	<0.0499	<0.0020	<0.0020	<0.0020	---	---
S-2-CPT6	CPT6	04/06/05	2.0	<0.0020	<0.00200	<0.0499	<0.0020	<0.0020	<0.0020	---	---
S-4-CPT6	CPT6	04/06/05	4.0	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-6-CPT6	CPT6	04/06/05	6.0	<0.0020	<0.00202	<0.0504	<0.0020	<0.0020	<0.0020	---	---
S-8-CPT6	CPT6	04/06/05	8.0	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-5-CPT7	CPT7	12/11/06	5.0	<0.00200	<0.00200	<0.0500	<0.00200	<0.00500	<0.00200	---	---
S-5-CPT11	CPT11	12/12/06	5.0	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-5-CPT12	CPT12	12/11/06	5.0	<0.00200	<0.00200	<0.0500	<0.00200	<0.00500	<0.00200	---	---
Direct-Push Samples											
S-2-DP1	DP1	04/07/05	2.0	<0.0020	<0.00202	<0.0504	<0.0020	<0.0020	<0.0020	---	---
S-4-DP1	DP1	04/07/05	4.0	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-6-DP1	DP1	04/07/05	6.0	<0.0020	<0.00198	<0.0496	<0.0020	<0.0020	<0.0020	---	---
S-8-DP1	DP1	04/07/05	8.0	<0.100	<0.100	<2.50	<0.100	<0.100	<0.100	---	---
S-10.5-DP1	DP1	04/14/05	10.5	<0.0020	<0.00200	<0.0500	<0.0020	<0.0020	<0.0020	---	---
S-2-DP3	DP3	04/06/05	2.0	<0.0020	<0.00202	<0.0504	<0.0020	<0.0020	<0.0020	---	---
S-4-DP3	DP3	04/06/05	4.0	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-6-DP3	DP3	04/06/05	6.0	<0.0020	<0.00200	<0.0501	<0.0020	<0.0020	<0.0020	---	---
S-8-DP3	DP3	04/06/05	8.0	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-9.5-DP3	DP3	04/14/05	9.5	<0.0020	<0.00198	<0.0496	<0.0020	<0.0020	<0.0020	---	---
S-12-DP3	DP3	04/14/05	12.0	<0.0020	<0.00198	<0.0496	<0.0020	<0.0020	<0.0020	---	---
S-2-DP4	DP4	04/07/05	2.0	<0.0020	<0.00199	<0.0498	<0.0020	<0.0020	<0.0020	---	---
S-4-DP4	DP4	04/07/05	4.0	<0.0020	<0.00201	<0.0503	<0.0020	<0.0020	<0.0020	---	---
S-6-DP4	DP4	04/07/05	6.0	<0.0020	<0.00199	<0.0498	<0.0020	<0.0020	<0.0020	---	---
S-8-DP4	DP4	04/07/05	8.0	<0.0020	<0.00199	<0.0497	<0.0020	<0.0020	<0.0020	---	---
S-10.5-DP4	DP4	04/14/05	10.5	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-2-DP5	DP5	04/07/05	2.0	<0.0020	<0.00198	<0.0496	<0.0020	<0.0020	<0.0020	---	---
S-4-DP5	DP5	04/07/05	4.0	<0.0020	<0.00199	<0.0498	<0.0020	<0.0020	<0.0020	---	---
S-6-DP5	DP5	04/07/05	6.0	<0.0020	<0.00200	<0.0501	<0.0020	<0.0020	<0.0020	---	---
S-8-DP5	DP5	04/07/05	8.0	<0.0020	<0.00200	<0.0500	<0.0020	<0.0020	<0.0020	---	---
S-10.5-DP5	DP5	04/14/05	10.5	<0.0020	<0.00200	<0.0501	<0.0020	<0.0020	<0.0020	---	---

TABLE 3B
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-2-DP6	DP6	04/06/05	2.0	<0.0020	<0.00200	<0.0500	<0.0020	<0.0020	<0.0020	---	---
S-4-DP6	DP6	04/06/05	4.0	<0.0020	<0.00199	<0.0498	<0.0020	<0.0020	<0.0020	---	---
S-6-DP6	DP6	04/06/05	6.0	<0.0020	<0.00199	<0.0498	<0.0020	<0.0020	<0.0020	---	---
S-5-DP7	DP7	12/08/06	5.0	<0.00200	<0.00200	<0.0500	<0.00200	<0.00500	<0.00200	---	---
S-10-DP7	DP7	12/14/06	10.0	<0.050	<0.050	<0.20	<0.050	<0.050	<0.050	<1.0	---
S-15.5-DP7	DP7	12/14/06	15.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-20-DP7	DP7	12/14/06	20.0	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-25.5-DP7	DP7	12/14/06	25.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-29.5-DP7	DP7	12/14/06	29.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-5-DP8	DP8	12/08/06	5.0	<0.00200	<0.00200	<0.0500	<0.00200	<0.00500	<0.00200	---	---
S-10-DP8	DP8	12/14/06	10.0	<0.050	<0.050	<0.20	<0.050	<0.050	<0.050	<1.0	---
S-15-DP8	DP8	12/14/06	15.0	<0.050	<0.050	<0.20	<0.050	<0.050	<0.050	<1.0	---
S-19.5-DP8	DP8	12/14/06	19.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-29.5-DP8	DP8	12/14/06	29.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-5-DP9	DP9	12/11/06	5.0	<0.00200	<0.00200	<0.0500	<0.00200	<0.00500	<0.00200	---	---
S-9.5-DP9	DP9	12/15/06	9.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-14.5-DP9	DP9	12/15/06	14.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-20-DP9	DP9	12/15/06	20.0	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-25.5-DP9	DP9	12/15/06	25.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-29.5-DP9	DP9	12/15/06	29.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
Hydropunch Samples											
S-5-HP7	HP7	12/11/06	5.0	<0.00200	<0.00200	<0.0500	<0.00200	<0.00500	<0.00200	---	---
S-5-HP11	HP11	12/11/06	5.0	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-5-HP12	HP12	12/12/06	5.0	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
Soil Stockpile Samples											
Soil Stockpile Samples											
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
SP-1	---	05/09/14	---	<0.51	<0.51	<1.0	<5.1	<1.0	<1.0	---	0.70d

TABLE 3B
ADDITIONAL CUMULATIVE SOIL ANALYTICAL RESULTS
Former Exxon Service Station 73006
720 High Street
Oakland, California

Notes:		Highlighted sample representative of soil removed from site. Sample in grey font representative of pre-remediation conditions.
S-2-CPT1	=	Soil - Sample Depth - Sample Location.
TPHmo	=	Total petroleum hydrocarbons as motor oil analyzed using EPA Method 8015B.
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.
Metals	=	Total metals analyzed using EPA Method 6010B.
PAHs	=	Polyaromatic hydrocarbons analyzed using EPA Method 8310.
feet bgs	=	Feet below ground surface.
mg/kg	=	Milligrams per kilogram.
<	=	Less than the stated reporting limit.
a	=	Chromatographic pattern does not match that of the specified standard.
b	=	Hydrocarbons greater than C22 were detected; 460 mg/kg of oil and grease analyzed using Standard Method 5520 were detected.
c	=	Data missing from historical files.
d	=	n-Butylbenzene.
e	=	Sample analyzed beyond recommended hold time.

TABLE 3C
ADDITIONAL CUMULATIVE SOIL ANALYTICAL RESULTS - PAHs
Former Exxon Service Station 73006
720 High Street
Oakland, California

Sampling ID	Associated Well/Boring	Sampling Date	Depth (feet)	Acenaph-thene (mg/kg)	Acenaph-thylene (mg/kg)	Anthr-acene (mg/kg)	Benzo (a) anth-racene (mg/kg)	Benzo (a) pyrene (mg/kg)	Benzo (b) fluor-anthene (mg/kg)	Benzo (g,h,i) perylene (mg/kg)	Benzo (k) fluor-anthene (mg/kg)	Chry-sene (mg/kg)	Dibenze (a,h) anthracene (mg/kg)	Fluor-anthene (mg/kg)	Fluo-rene (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)	Naph-thalene (mg/kg)	Phenan-threne (mg/kg)	Pyrene (mg/kg)
Excavation Samples																			
Former Gasoline UST Excavation																			
S-5-T3F	---	04/28/87	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5-T1F	---	04/28/87	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5-T1P	---	04/28/87	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5-T2P	---	04/28/87	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5-T3P	---	04/28/87	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5-WOT	---	04/28/87	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5-T2F	---	04/28/87	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-6-W	---	05/05/87	6.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-7-S	---	05/05/87	7.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8-N	---	05/05/87	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10-E	---	05/05/87	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S1	---	05/14/87	14.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-14EE	---	05/15/87	14.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S2	---	05/14/87	14.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-16-S	---	05/06/87	16.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Former Product Line Trench Samples																			
S-1T	---	06/03/87	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-2T	---	06/03/87	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S(3C+3D)	---	05/05/87	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4T	---	06/03/87	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-3T	---	06/03/87	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S(3A+3B)	---	05/05/87	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S3-Trench	---	04/28/87	3.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Former Gasoline UST Pit																			
S-1A	---	07/26/89	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-2A	---	08/04/89	9.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-3A	---	08/04/89	9.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4A	---	08/04/89	9.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-1B	---	07/26/89	9.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New Tank Pit Excavation																			
S-4-TPW6	---	01/15/91	4.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4-TPW9	---	01/15/91	4.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4-TPW12	---	01/15/91	4.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

TABLE 3C
ADDITIONAL CUMULATIVE SOIL ANALYTICAL RESULTS - PAHs
Former Exxon Service Station 73006
720 High Street
Oakland, California

Sampling ID	Associated Well/Boring	Sampling Date	Depth (feet)	Acenaph-thene (mg/kg)	Acenaph-thylene (mg/kg)	Anthr-acene (mg/kg)	Benzo (a) anth-racene (mg/kg)	Benzo (a) pyrene (mg/kg)	Benzo (b) fluor-anthene (mg/kg)	Benzo (g,h,i) perylene (mg/kg)	Benzo (k) fluor-anthene (mg/kg)	Chry-sene (mg/kg)	Dibenze (a,h) anthracene (mg/kg)	Fluor-anthene (mg/kg)	Fluo-rene (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)	Naph-thalene (mg/kg)	Phenan-threne (mg/kg)	Pyrene (mg/kg)
S-8-TPW5	---	01/15/91	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8-TPW11	---	01/15/91	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8-TPW8	---	01/15/91	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8-TPW2	---	01/15/91	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-12-TPW1	---	01/15/91	12.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-12-TPW10	---	01/15/91	12.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-12-TPW4	---	01/15/91	12.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-15-TPF2	---	01/15/91	15.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-15-TPF4	---	01/15/91	15.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-15-TPF1	---	01/15/91	15.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-15-TPF3	---	01/15/91	15.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Monitoring Wells and Soil Borings																			
Monitoring Wells																			
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-7.5-B12	MW12	11/28/89	7.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10-B12	MW12	11/28/89	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-7.5-B13	MW13	11/28/89	7.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10-B13	MW13	11/28/89	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-3-MW14	B31	10/31/90	3.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

TABLE 3C
ADDITIONAL CUMULATIVE SOIL ANALYTICAL RESULTS - PAHs
Former Exxon Service Station 73006
720 High Street
Oakland, California

Sampling ID	Associated Well/Boring	Sampling Date	Depth (feet)	Acenaph-thene (mg/kg)	Acenaph-thylene (mg/kg)	Anthr-acene (mg/kg)	Benzo (a) anth-racene (mg/kg)	Benzo (a) pyrene (mg/kg)	Benzo (b) fluor-anthene (mg/kg)	Benzo (g,h,i) perylene (mg/kg)	Benzo (k) fluor-anthene (mg/kg)	Chry-sene (mg/kg)	Dibenze (a,h) anthracene (mg/kg)	Fluor-anthene (mg/kg)	Fluo-rene (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)	Naph-thalene (mg/kg)	Phenan-threne (mg/kg)	Pyrene (mg/kg)
S-8-MW14	B31	10/31/90	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-18-MW14	B31	10/31/90	18.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-6-MW15	B32	10/31/90	6.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8.5-MW15	B32	10/31/90	8.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-13.5-MW15	B32	10/31/90	13.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5.0-MW16A	MW16A	08/20/09	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10.5-MW16A	MW16A	08/24/09	10.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-12.5-MW16A	MW16A	08/24/09	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5.0-MW16B	MW16B	08/20/09	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10.5-MW16B	MW16B	08/24/09	10.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-16.5-MW16B	MW16B	08/25/09	16.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-20.5-MW16B	MW16B	08/25/09	20.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-23.0-MW16B	MW16B	08/25/09	23.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5.0-MW17A	MW17A	08/20/09	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10.5-MW17A	MW17A	08/25/09	10.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-12.5-MW17A	MW17A	08/25/09	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5.5-MW17B	MW17B	08/18/09	5.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10.5-MW17B	MW17B	08/25/09	10.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-17.0-MW17B	MW17B	08/25/09	17.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-20.5-MW17B	MW17B	08/25/09	20.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-23.0-MW17B	MW17B	08/25/09	23.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-24.5-MW17B	MW17B	08/25/09	24.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5-MW18A	MW18A	08/17/09	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10.5-MW18A	MW18A	08/26/09	10.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-12.5-MW18A	MW18A	08/26/09	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5-MW18B	MW18B	08/17/09	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10.5-MW18B	MW18B	08/25/09	10.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-12.5-MW18B	MW18B	08/25/09	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-17.0-MW18B	MW18B	08/25/09	17.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-21.0-MW18B	MW18B	08/25/09	21.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-27.0-MW18B	MW18B	08/25/09	27.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-29.0-MW18B	MW18B	08/25/09	29.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-30.5-MW18B	MW18B	08/25/09	30.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5.0-MW19A	MW19A	08/18/09	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10.5-MW19A	MW19A	08/26/09	10.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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Sampling ID	Associated Well/Boring	Sampling Date	Depth (feet)	Acenaph-thene (mg/kg)	Acenaph-thylene (mg/kg)	Anthr-acene (mg/kg)	Benzo (a) anth-racene (mg/kg)	Benzo (a) pyrene (mg/kg)	Benzo (b) fluor-anthene (mg/kg)	Benzo (g,h,i) perylene (mg/kg)	Benzo (k) fluor-anthene (mg/kg)	Chry-sene (mg/kg)	Dibenze (a,h) anthracene (mg/kg)	Fluor-anthene (mg/kg)	Fluo-rene (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)	Naph-thalene (mg/kg)	Phenan-threne (mg/kg)	Pyrene (mg/kg)
S-12.5-MW19A	MW19A	08/26/09	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5.0-MW19B	MW19B	08/18/09	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10.5-MW19B	MW19B	08/26/09	10.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-16.0-MW19B	MW19B	08/26/09	16.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-20.5-MW19B	MW19B	08/26/09	20.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-22.5-MW19B	MW19B	08/26/09	22.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-24.5-MW19B	MW19B	08/26/09	24.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5-MW20	MW20	05/09/14	5.0	<0.015	<0.015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.015	<0.010	<0.015	0.022	<0.010
S-8-MW20	MW20	05/09/14	8.0	<0.015	<0.015	0.029	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.074	<0.010	<0.015	0.120	0.024
S-10-MW20	MW20	05/09/14	10.0	<0.015	<0.015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.064	<0.010	<0.015	0.089	<0.010
S-13-MW20	MW20	05/09/14	13.0	<0.015	<0.015	0.052	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.130	<0.010	0.030	0.190	0.040
S-5-MW21	MW21	05/08/14	5.0	<0.015e	<0.015e	<0.010e	<0.010e	<0.010e	<0.010e	<0.010e	<0.010e	<0.010e	<0.010e	<0.010e	<0.010e	<0.010e	<0.015e	<0.010e	<0.010e
S-10-MW21	MW21	05/09/14	10.0	<0.015	<0.015	0.028	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.078	<0.010	<0.015	0.092	<0.010
S-13-MW21	MW21	05/09/14	13.0	<0.015	<0.015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.040	<0.010	<0.015	0.060	<0.010
Soil Borings																			
S-10-B14	B14	11/29/89	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5-B15	B15	11/28/89	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-7.5-B15	B15	11/28/89	7.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10-B15	B15	11/28/89	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5-B16	B16	11/28/89	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-7.5-B16	B16	11/28/89	7.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10-B16	B16	11/28/89	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5-B17	B17	11/29/89	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-7.5-B17	B17	11/29/89	7.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10-B17	B17	11/29/89	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5-B18	B18	11/29/89	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-7.5-B18	B18	11/29/89	7.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10-B18	B18	11/29/89	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10-B19	B19	11/29/89	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10-B20	B20	11/29/89	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-3-B21	B21	11/01/90	3.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8-B21	B21	11/01/90	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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Sampling ID	Associated Well/Boring	Sampling Date	Depth (feet)	Acenaph-thene (mg/kg)	Acenaph-thylene (mg/kg)	Anthr-acene (mg/kg)	Benzo (a) anth-racene (mg/kg)	Benzo (a) pyrene (mg/kg)	Benzo (b) fluor-anthene (mg/kg)	Benzo (g,h,i) perylene (mg/kg)	Benzo (k) fluor-anthene (mg/kg)	Chry-sene (mg/kg)	Dibenze (a,h) anthracene (mg/kg)	Fluor-anthene (mg/kg)	Fluo-rene (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)	Naph-thalene (mg/kg)	Phenan-threne (mg/kg)	Pyrene (mg/kg)
S-5.5-B22	B22	11/01/90	5.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8-B22	B22	11/01/90	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-3-B23	B23	11/01/90	3.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8-B23	B23	11/01/90	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5.5-B24	B24	11/01/90	5.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8-B24	B24	11/01/90	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5.5-B25	B25	11/01/90	5.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8-B25	B25	11/01/90	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5.5-B26	B26	11/01/90	5.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8-B26	B26	11/01/90	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5.5-B27	B27	11/01/90	5.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8-B27	B27	11/01/90	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-3-B28	B28	11/02/90	3.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8-B28	B28	11/02/90	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5.5-B29	B29	11/02/90	5.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8-B29	B29	11/02/90	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5.5-B30	B30	11/02/90	5.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8-B30	B30	11/02/90	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-3-B38	B38	01/05/15	3.0	<0.015	<0.030	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.015	<0.010	<0.010
S-5.5-B38	B38	01/05/15	5.5	<0.015	<0.030	<0.010	<0.010	<0.010	<0.010	<0.010	0.013	<0.010	<0.010	<0.010	<0.010	<0.010	<0.015	<0.010	<0.010
S-9.5-B38	B38	01/05/15	9.5	<0.015	<0.030	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.015	<0.010	<0.010

TABLE 3C
ADDITIONAL CUMULATIVE SOIL ANALYTICAL RESULTS - PAHs
Former Exxon Service Station 73006
720 High Street
Oakland, California

Sampling ID	Associated Well/Boring	Sampling Date	Depth (feet)	Acenaph-thene (mg/kg)	Acenaph-thylene (mg/kg)	Anthr-acene (mg/kg)	Benzo (a) anth-racene (mg/kg)	Benzo (a) pyrene (mg/kg)	Benzo (b) fluor-anthene (mg/kg)	Benzo (g,h,i) perylene (mg/kg)	Benzo (k) fluor-anthene (mg/kg)	Chry-sene (mg/kg)	Dibenze (a,h) anthracene (mg/kg)	Fluor-anthene (mg/kg)	Fluo-rene (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)	Naph-thalene (mg/kg)	Phenan-threne (mg/kg)	Pyrene (mg/kg)
CPT Borings																			
S-2-CPT1	CPT1	04/06/05	2.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4-CPT1	CPT1	04/06/05	4.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-6-CPT1	CPT1	04/06/05	6.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-2-CPT2	CPT2	04/07/05	2.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4-CPT2	CPT2	04/07/05	4.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-6-CPT2	CPT2	04/07/05	6.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8-CPT2	CPT2	04/07/05	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-2-CPT3	CPT3	04/07/05	2.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4-CPT3	CPT3	04/07/05	4.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-6-CPT3	CPT3	04/07/05	6.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8-CPT3	CPT3	04/07/05	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-2-CPT4	CPT4	04/07/05	2.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4-CPT4	CPT4	04/07/05	4.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-6-CPT4	CPT4	04/07/05	6.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8-CPT4	CPT4	04/07/05	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-2-CPT5	CPT5	04/07/05	2.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4-CPT5	CPT5	04/07/05	4.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-6-CPT5	CPT5	04/07/05	6.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8-CPT5	CPT5	04/07/05	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-2-CPT6	CPT6	04/06/05	2.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4-CPT6	CPT6	04/06/05	4.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-6-CPT6	CPT6	04/06/05	6.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8-CPT6	CPT6	04/06/05	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5-CPT7	CPT7	12/11/06	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5-CPT11	CPT11	12/12/06	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5-CPT12	CPT12	12/11/06	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Direct-Push Samples																			
S-2-DP1	DP1	04/07/05	2.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4-DP1	DP1	04/07/05	4.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-6-DP1	DP1	04/07/05	6.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8-DP1	DP1	04/07/05	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

TABLE 3C
ADDITIONAL CUMULATIVE SOIL ANALYTICAL RESULTS - PAHs
Former Exxon Service Station 73006
720 High Street
Oakland, California

Sampling ID	Associated Well/Boring	Sampling Date	Depth (feet)	Acenaph-thene (mg/kg)	Acenaph-thylene (mg/kg)	Anthr-acene (mg/kg)	Benzo (a) anth-racene (mg/kg)	Benzo (a) pyrene (mg/kg)	Benzo (b) fluor-anthene (mg/kg)	Benzo (g,h,i) perylene (mg/kg)	Benzo (k) fluor-anthene (mg/kg)	Chry-sene (mg/kg)	Dibenze (a,h) anthracene (mg/kg)	Fluor-anthene (mg/kg)	Fluo-rene (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)	Naph-thalene (mg/kg)	Phenan-threne (mg/kg)	Pyrene (mg/kg)
S-10.5-DP1	DP1	04/14/05	10.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-2-DP3	DP3	04/06/05	2.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4-DP3	DP3	04/06/05	4.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-6-DP3	DP3	04/06/05	6.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8-DP3	DP3	04/06/05	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9.5-DP3	DP3	04/14/05	9.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-12-DP3	DP3	04/14/05	12.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-2-DP4	DP4	04/07/05	2.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4-DP4	DP4	04/07/05	4.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-6-DP4	DP4	04/07/05	6.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8-DP4	DP4	04/07/05	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10.5-DP4	DP4	04/14/05	10.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-2-DP5	DP5	04/07/05	2.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4-DP5	DP5	04/07/05	4.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-6-DP5	DP5	04/07/05	6.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8-DP5	DP5	04/07/05	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10.5-DP5	DP5	04/14/05	10.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-2-DP6	DP6	04/06/05	2.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4-DP6	DP6	04/06/05	4.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-6-DP6	DP6	04/06/05	6.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5-DP7	DP7	12/08/06	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10-DP7	DP7	12/14/06	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-15.5-DP7	DP7	12/14/06	15.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-20-DP7	DP7	12/14/06	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-25.5-DP7	DP7	12/14/06	25.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-29.5-DP7	DP7	12/14/06	29.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5-DP8	DP8	12/08/06	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10-DP8	DP8	12/14/06	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-15-DP8	DP8	12/14/06	15.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-19.5-DP8	DP8	12/14/06	19.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-29.5-DP8	DP8	12/14/06	29.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5-DP9	DP9	12/11/06	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9.5-DP9	DP9	12/15/06	9.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-14.5-DP9	DP9	12/15/06	14.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-20-DP9	DP9	12/15/06	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-25.5-DP9	DP9	12/15/06	25.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

TABLE 3C
ADDITIONAL CUMULATIVE SOIL ANALYTICAL RESULTS - PAHs
Former Exxon Service Station 73006
720 High Street
Oakland, California

Sampling ID	Associated Well/Boring	Sampling Date	Depth (feet)	Acenaph-thene (mg/kg)	Acenaph-thylene (mg/kg)	Anthr-acene (mg/kg)	Benzo (a) anth-racene (mg/kg)	Benzo (a) pyrene (mg/kg)	Benzo (b) fluor-anthene (mg/kg)	Benzo (g,h,i) perylene (mg/kg)	Benzo (k) fluor-anthene (mg/kg)	Chry-sene (mg/kg)	Dibenze (a,h) anthracene (mg/kg)	Fluor-anthene (mg/kg)	Fluo-rene (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)	Naph-thalene (mg/kg)	Phenan-threne (mg/kg)	Pyrene (mg/kg)
S-29.5-DP9	DP9	12/15/06	29.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hydropunch Samples																			
S-5-HP7	HP7	12/11/06	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5-HP11	HP11	12/11/06	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5-HP12	HP12	12/12/06	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Soil Stockpile Samples																			
Soil Stockpile Samples																			
SP-1	---	05/09/14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SP1-(1-4)	---	09/01/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SP-1 (A-D)	---	12/15/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Notes: Highlighted sample representative of soil removed from site. Sample in grey font representative of pre-remediation conditions.

S-2-CPT1 = Soil - Sample Depth - Sample Location.
TPHmo = Total petroleum hydrocarbons as motor oil analyzed using EPA Method 8015B.
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.
Metals = Total metals analyzed using EPA Method 6010B.
PAHs = Polyaromatic hydrocarbons analyzed using EPA Method 8310.
feet bgs = Feet below ground surface.
mg/kg = Milligrams per kilogram.
< = Less than the stated reporting limit.
a = Chromatographic pattern does not match that of the specified standard.
b = Hydrocarbons greater than C22 were detected; 460 mg/kg of oil and grease analyzed using Standard Method 5520 were detected.
c = Data missing from historical files.
d = n-Butylbenzene.
e = Sample analyzed beyond recommended hold time.

TABLE 3D
CUMULATIVE SOIL ANALYTICAL RESULTS - METALS
Former Exxon Service Station 73006
720 High Street
Oakland, California

Sample ID	Associated Well/Boring	Sampling Date	Depth (feet bgs)	Cadmium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)
Excavation Samples								
Former Gasoline UST Excavation								
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	---	---	---	---	---
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	---	---	---	---	---
Former Product Line Trench Samples								
S3-Trench	---	04/28/87	3.0	---	---	---	---	---
S(3A+3B)	---	05/05/87	---	---	---	---	---	---
S(3C+3D)	---	05/05/87	---	---	---	---	---	---
S-1T	---	06/03/87	---	---	---	---	---	---
S-2T	---	06/03/87	---	---	---	---	---	---
S-3T	---	06/03/87	---	---	---	---	---	---
S-4T	---	06/03/87	---	---	---	---	---	---
Former Gasoline UST Pit								
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	---	---	---	---	---

TABLE 3D
CUMULATIVE SOIL ANALYTICAL RESULTS - METALS
Former Exxon Service Station 73006
720 High Street
Oakland, California

Sample ID	Associated Well/Boring	Sampling Date	Depth (feet bgs)	Cadmium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)
New Tank Pit Excavation								
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	---	---	---	---	---
Monitoring Wells and Soil Borings								
Monitoring Wells								
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-7.5-B12	MW12	11/28/89	7.5	---	---	---	---	---
S-10-B12	MW12	11/28/89	10.0	---	---	---	---	---

TABLE 3D
CUMULATIVE SOIL ANALYTICAL RESULTS - METALS
Former Exxon Service Station 73006
720 High Street
Oakland, California

Sample ID	Associated Well/Boring	Sampling Date	Depth (feet bgs)	Cadmium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)
S-7.5-B13	MW13	11/28/89	7.5	---	---	---	---	---
S-10-B13	MW13	11/28/89	10.0	---	---	---	---	---
S-3-MW14	B31	10/31/90	3.0	---	---	---	---	---
S-8-MW14	B31	10/31/90	8.0	---	---	---	---	---
S-18-MW14	B31	10/31/90	18.0	---	---	---	---	---
S-6-MW15	B32	10/31/90	6.0	---	---	---	---	---
S-8.5-MW15	B32	10/31/90	8.5	---	---	---	---	---
S-13.5-MW15	B32	10/31/90	13.5	---	---	---	---	---
S-5.0-MW16A	MW16A	08/20/09	5.0	---	---	---	---	---
S-10.5-MW16A	MW16A	08/24/09	10.5	---	---	---	---	---
S-12.5-MW16A	MW16A	08/24/09	12.5	---	---	---	---	---
S-5.0-MW16B	MW16B	08/20/09	5.0	---	---	---	---	---
S-10.5-MW16B	MW16B	08/24/09	10.5	---	---	---	---	---
S-16.5-MW16B	MW16B	08/25/09	16.5	---	---	---	---	---
S-20.5-MW16B	MW16B	08/25/09	20.5	---	---	---	---	---
S-23.0-MW16B	MW16B	08/25/09	23.0	---	---	---	---	---
S-5.0-MW17A	MW17A	08/20/09	5.0	---	---	---	---	---
S-10.5-MW17A	MW17A	08/25/09	10.5	---	---	---	---	---
S-12.5-MW17A	MW17A	08/25/09	12.5	---	---	---	---	---
S-5.5-MW17B	MW17B	08/18/09	5.5	---	---	---	---	---
S-10.5-MW17B	MW17B	08/25/09	10.5	---	---	---	---	---
S-17.0-MW17B	MW17B	08/25/09	17.0	---	---	---	---	---
S-20.5-MW17B	MW17B	08/25/09	20.5	---	---	---	---	---
S-23.0-MW17B	MW17B	08/25/09	23.0	---	---	---	---	---
S-24.5-MW17B	MW17B	08/25/09	24.5	---	---	---	---	---
S-5-MW18A	MW18A	08/17/09	5.0	---	---	---	---	---
S-10.5-MW18A	MW18A	08/26/09	10.5	---	---	---	---	---
S-12.5-MW18A	MW18A	08/26/09	12.5	---	---	---	---	---
S-5-MW18B	MW18B	08/17/09	5.0	---	---	---	---	---
S-10.5-MW18B	MW18B	08/25/09	10.5	---	---	---	---	---
S-12.5-MW18B	MW18B	08/25/09	12.5	---	---	---	---	---
S-17.0-MW18B	MW18B	08/25/09	17.0	---	---	---	---	---
S-21.0-MW18B	MW18B	08/25/09	21.0	---	---	---	---	---
S-27.0-MW18B	MW18B	08/25/09	27.0	---	---	---	---	---
S-29.0-MW18B	MW18B	08/25/09	29.0	---	---	---	---	---
S-30.5-MW18B	MW18B	08/25/09	30.5	---	---	---	---	---

TABLE 3D
CUMULATIVE SOIL ANALYTICAL RESULTS - METALS
Former Exxon Service Station 73006
720 High Street
Oakland, California

Sample ID	Associated Well/Boring	Sampling Date	Depth (feet bgs)	Cadmium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)
S-5.0-MW19A	MW19A	08/18/09	5.0	---	---	---	---	---
S-10.5-MW19A	MW19A	08/26/09	10.5	---	---	---	---	---
S-12.5-MW19A	MW19A	08/26/09	12.5	---	---	---	---	---
S-5.0-MW19B	MW19B	08/18/09	5.0	---	---	---	---	---
S-10.5-MW19B	MW19B	08/26/09	10.5	---	---	---	---	---
S-16.0-MW19B	MW19B	08/26/09	16.0	---	---	---	---	---
S-20.5-MW19B	MW19B	08/26/09	20.5	---	---	---	---	---
S-22.5-MW19B	MW19B	08/26/09	22.5	---	---	---	---	---
S-24.5-MW19B	MW19B	08/26/09	24.5	---	---	---	---	---
S-5-MW20	MW20	05/09/14	5.0	---	---	---	---	---
S-8-MW20	MW20	05/09/14	8.0	---	---	---	---	---
S-10-MW20	MW20	05/09/14	10.0	---	---	---	---	---
S-13-MW20	MW20	05/09/14	13.0	---	---	---	---	---
S-5-MW21	MW21	05/08/14	5.0	---	---	---	---	---
S-10-MW21	MW21	05/09/14	10.0	---	---	---	---	---
S-13-MW21	MW21	05/09/14	13.0	---	---	---	---	---
Soil Borings								
S-10-B14	B14	11/29/89	10.0	---	---	---	---	---
S-5-B15	B15	11/28/89	5.0	---	---	---	---	---
S-7.5-B15	B15	11/28/89	7.5	---	---	---	---	---
S-10-B15	B15	11/28/89	10.0	---	---	---	---	---
S-5-B16	B16	11/28/89	5.0	---	---	---	---	---
S-7.5-B16	B16	11/28/89	7.5	---	---	---	---	---
S-10-B16	B16	11/28/89	10.0	---	---	---	---	---
S-5-B17	B17	11/29/89	5.0	---	---	---	---	---
S-7.5-B17	B17	11/29/89	7.5	---	---	---	---	---
S-10-B17	B17	11/29/89	10.0	---	---	---	---	---
S-5-B18	B18	11/29/89	5.0	---	---	---	---	---
S-7.5-B18	B18	11/29/89	7.5	---	---	---	---	---
S-10-B18	B18	11/29/89	10.0	---	---	---	---	---
S-10-B19	B19	11/29/89	10.0	---	---	---	---	---
S-10-B20	B20	11/29/89	10.0	---	---	---	---	---
S-3-B21	B21	11/01/90	3.0	---	---	---	---	---
S-8-B21	B21	11/01/90	8.0	---	---	---	---	---

TABLE 3D
CUMULATIVE SOIL ANALYTICAL RESULTS - METALS
Former Exxon Service Station 73006
720 High Street
Oakland, California

Sample ID	Associated Well/Boring	Sampling Date	Depth (feet bgs)	Cadmium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)
S-5.5-B22	B22	11/01/90	5.5	---	---	---	---	---
S-8-B22	B22	11/01/90	8.0	---	---	---	---	---
S-3-B23	B23	11/01/90	3.0	---	---	---	---	---
S-8-B23	B23	11/01/90	8.0	---	---	---	---	---
S-5.5-B24	B24	11/01/90	5.5	---	---	---	---	---
S-8-B24	B24	11/01/90	8.0	---	---	---	---	---
S-5.5-B25	B25	11/01/90	5.5	---	---	---	---	---
S-8-B25	B25	11/01/90	8.0	---	---	---	---	---
S-5.5-B26	B26	11/01/90	5.5	---	---	---	---	---
S-8-B26	B26	11/01/90	8.0	---	---	---	---	---
S-5.5-B27	B27	11/01/90	5.5	---	---	---	---	---
S-8-B27	B27	11/01/90	8.0	---	---	---	---	---
S-3-B28	B28	11/02/90	3.0	---	---	---	---	---
S-8-B28	B28	11/02/90	8.0	---	---	---	---	---
S-5.5-B29	B29	11/02/90	5.5	---	---	---	---	---
S-8-B29	B29	11/02/90	8.0	---	---	---	---	---
S-5.5-B30	B30	11/02/90	5.5	---	---	---	---	---
S-8-B30	B30	11/02/90	8.0	---	---	---	---	---
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	---	---	---	---	---
S-3-B38	B38	01/05/15	3.0	<0.500	33.3	153	38.1	246
S-5.5-B38	B38	01/05/15	5.5	<0.500	38.2	8.56	87.6	32.1
S-9.5-B38	B38	01/05/15	9.5	<0.515	108	4.22	183	39.7

TABLE 3D
CUMULATIVE SOIL ANALYTICAL RESULTS - METALS
Former Exxon Service Station 73006
720 High Street
Oakland, California

Sample ID	Associated Well/Boring	Sampling Date	Depth (feet bgs)	Cadmium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)
CPT Borings								
S-2-CPT1	CPT1	04/06/05	2.0	---	---	---	---	---
S-4-CPT1	CPT1	04/06/05	4.0	---	---	---	---	---
S-6-CPT1	CPT1	04/06/05	6.0	---	---	---	---	---
S-2-CPT2	CPT2	04/07/05	2.0	---	---	---	---	---
S-4-CPT2	CPT2	04/07/05	4.0	---	---	---	---	---
S-6-CPT2	CPT2	04/07/05	6.0	---	---	---	---	---
S-8-CPT2	CPT2	04/07/05	8.0	---	---	---	---	---
S-2-CPT3	CPT3	04/07/05	2.0	---	---	---	---	---
S-4-CPT3	CPT3	04/07/05	4.0	---	---	---	---	---
S-6-CPT3	CPT3	04/07/05	6.0	---	---	---	---	---
S-8-CPT3	CPT3	04/07/05	8.0	---	---	---	---	---
S-2-CPT4	CPT4	04/07/05	2.0	---	---	---	---	---
S-4-CPT4	CPT4	04/07/05	4.0	---	---	---	---	---
S-6-CPT4	CPT4	04/07/05	6.0	---	---	---	---	---
S-8-CPT4	CPT4	04/07/05	8.0	---	---	---	---	---
S-2-CPT5	CPT5	04/07/05	2.0	---	---	---	---	---
S-4-CPT5	CPT5	04/07/05	4.0	---	---	---	---	---
S-6-CPT5	CPT5	04/07/05	6.0	---	---	---	---	---
S-8-CPT5	CPT5	04/07/05	8.0	---	---	---	---	---
S-2-CPT6	CPT6	04/06/05	2.0	---	---	---	---	---
S-4-CPT6	CPT6	04/06/05	4.0	---	---	---	---	---
S-6-CPT6	CPT6	04/06/05	6.0	---	---	---	---	---
S-8-CPT6	CPT6	04/06/05	8.0	---	---	---	---	---
S-5-CPT7	CPT7	12/11/06	5.0	---	---	---	---	---
S-5-CPT11	CPT11	12/12/06	5.0	---	---	---	---	---
S-5-CPT12	CPT12	12/11/06	5.0	---	---	---	---	---
Direct-Push Samples								
S-2-DP1	DP1	04/07/05	2.0	---	---	---	---	---
S-4-DP1	DP1	04/07/05	4.0	---	---	---	---	---
S-6-DP1	DP1	04/07/05	6.0	---	---	---	---	---
S-8-DP1	DP1	04/07/05	8.0	---	---	---	---	---
S-10.5-DP1	DP1	04/14/05	10.5	---	---	---	---	---

TABLE 3D
CUMULATIVE SOIL ANALYTICAL RESULTS - METALS
Former Exxon Service Station 73006
720 High Street
Oakland, California

Sample ID	Associated Well/Boring	Sampling Date	Depth (feet bgs)	Cadmium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)
S-2-DP3	DP3	04/06/05	2.0	---	---	---	---	---
S-4-DP3	DP3	04/06/05	4.0	---	---	---	---	---
S-6-DP3	DP3	04/06/05	6.0	---	---	---	---	---
S-8-DP3	DP3	04/06/05	8.0	---	---	---	---	---
S-9.5-DP3	DP3	04/14/05	9.5	---	---	---	---	---
S-12-DP3	DP3	04/14/05	12.0	---	---	---	---	---
S-2-DP4	DP4	04/07/05	2.0	---	---	---	---	---
S-4-DP4	DP4	04/07/05	4.0	---	---	---	---	---
S-6-DP4	DP4	04/07/05	6.0	---	---	---	---	---
S-8-DP4	DP4	04/07/05	8.0	---	---	---	---	---
S-10.5-DP4	DP4	04/14/05	10.5	---	---	---	---	---
S-2-DP5	DP5	04/07/05	2.0	---	---	---	---	---
S-4-DP5	DP5	04/07/05	4.0	---	---	---	---	---
S-6-DP5	DP5	04/07/05	6.0	---	---	---	---	---
S-8-DP5	DP5	04/07/05	8.0	---	---	---	---	---
S-10.5-DP5	DP5	04/14/05	10.5	---	---	---	---	---
S-2-DP6	DP6	04/06/05	2.0	---	---	---	---	---
S-4-DP6	DP6	04/06/05	4.0	---	---	---	---	---
S-6-DP6	DP6	04/06/05	6.0	---	---	---	---	---
S-5-DP7	DP7	12/08/06	5.0	---	---	---	---	---
S-10-DP7	DP7	12/14/06	10.0	---	---	---	---	---
S-15.5-DP7	DP7	12/14/06	15.5	---	---	---	---	---
S-20-DP7	DP7	12/14/06	20.0	---	---	---	---	---
S-25.5-DP7	DP7	12/14/06	25.5	---	---	---	---	---
S-29.5-DP7	DP7	12/14/06	29.5	---	---	---	---	---
S-5-DP8	DP8	12/08/06	5.0	---	---	---	---	---
S-10-DP8	DP8	12/14/06	10.0	---	---	---	---	---
S-15-DP8	DP8	12/14/06	15.0	---	---	---	---	---
S-19.5-DP8	DP8	12/14/06	19.5	---	---	---	---	---
S-29.5-DP8	DP8	12/14/06	29.5	---	---	---	---	---
S-5-DP9	DP9	12/11/06	5.0	---	---	---	---	---
S-9.5-DP9	DP9	12/15/06	9.5	---	---	---	---	---
S-14.5-DP9	DP9	12/15/06	14.5	---	---	---	---	---
S-20-DP9	DP9	12/15/06	20.0	---	---	---	---	---
S-25.5-DP9	DP9	12/15/06	25.5	---	---	---	---	---
S-29.5-DP9	DP9	12/15/06	29.5	---	---	---	---	---
Hydropunch Samples								
S-5-HP7	HP7	12/11/06	5.0	---	---	---	---	---

TABLE 3D
CUMULATIVE SOIL ANALYTICAL RESULTS - METALS
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Oakland, California

Sample ID	Associated Well/Boring	Sampling Date	Depth (feet bgs)	Cadmium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)
S-5-HP11	HP11	12/11/06	5.0	---	---	---	---	---
S-5-HP12	HP12	12/12/06	5.0	---	---	---	---	---
Soil Stockpile Samples								
Soil Stockpile Samples								
SP-1 (A-D)	---	12/15/06	---	---	---	12	---	---
SP1-(1-4)	---	09/01/09	---	---	---	3.78	---	---
SP-1	---	05/09/14	---	---	---	0.0862	---	---

Notes: Highlighted sample representative of soil removed from site. Sample in grey font representative of pre-remediation conditions.

S-2-CPT1 = Soil - Sample Depth - Sample Location.
TPHmo = Total petroleum hydrocarbons as motor oil analyzed using EPA Method 8015B.
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.
Metals = Total metals analyzed using EPA Method 6010B.
PAHs = Polyaromatic hydrocarbons analyzed using EPA Method 8310.
feet bgs = Feet below ground surface.
mg/kg = Milligrams per kilogram.
< = Less than the stated reporting limit.
a = Chromatographic pattern does not match that of the specified standard.
b = Hydrocarbons greater than C22 were detected; 460 mg/kg of oil and grease analyzed using Standard Method 5520 were detected.
c = Data missing from historical files.
d = n-Butylbenzene.
e = Sample analyzed beyond recommended hold time.

APPENDIX

A

CORRESPONDENCE

Cardno ERI

Shaping the Future

David R. Daniels

From: Detterman, Karel, Env. Health <Karel.Detterman@acgov.org>
Sent: Wednesday, November 26, 2014 5:53 PM
To: Greg Gurss; David R. Daniels; mashpetroleum@yahoo.com; 'Sedlachek, Jennifer C'
Cc: Roe, Dilan, Env. Health; 'Mansour Sepehr'
Subject: FW: Fuel Leak Case No. RO491 and GeoTracker Global ID T0600100552, EXXON # 7-3006, 720 High Street, Oakland, CA 94601
Attachments: Attachment_1_and_ftpUploadInstructions_2014-05-15.pdf

Hello Everyone:

Thank you for submittal of the October 30, 2014 Work Plan for Soil Boring (Work Plan) prepared and submitted on your behalf by Cardno ERI (Cardno).

Based on ACEH staff review of the work plan, the proposed scope of work is conditionally approved for implementation provided that the technical comment below is incorporated during the proposed work. Submittal of a revised work plan or a work plan addendum is not required unless an alternate scope of work outside that described in the work plan or these technical comments is proposed. We request that you address the following technical comments, perform the proposed work, and send us the report described below. Please provide 72-hour advance written notification to this office (e-mail preferred to:karel.detterman@acgov.org) prior to the start of field activities.

TECHNICAL COMMENTS

1. **LTCP Media Specific Criteria for Direct Contact and Outdoor Air Criteria:** Please ensure that the soil boring adjacent to the waste oil UST is advanced by a hollow stem augur, direct push method, or sonic drilling as per Cardno's *Soil Boring Field Protocol* and not hand augured as stated in the Work Plan. Please ensure that soil samples are selected for analyses from 0 to 5 and 5 to 10-foot intervals to characterize the vertical extent as per the LTCP's Media Specific Criteria for Direct Contact and Outdoor Air Criteria.
2. **Technical Comments 2 and 3:** Please include responses to Technical Comments 2 and 3 in ACEH's 9/25/2014 Directive Letter in the Request for Closure.

TECHNICAL REPORT REQUEST

Please upload technical report to the ACEH ftp site (Attention: Karel Detterman), and to the State Water Resources Control Board's Geotracker website, in accordance with the following specified file naming convention and schedule:

- **January 30, 2015 –** Request for Closure
  File to be named: RO491_RFC_R_yyyy-mm-dd

This report is 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.

Thank you for your cooperation. Should you have any questions or concerns regarding this correspondence or your case, please send me an e-mail message at karel.detterman@acgov.org or call me at (510) 567-6708.

Karel Detterman, PG
Hazardous Materials Specialist
Alameda County Environmental Health
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Alameda, CA 94502
Direct: 510.567.6708
Fax: 510.337.9335

Email: karel.detterman@acgov.org

PDF copies of case files can be downloaded at:

http://www.acgov.org/aceh/lop/ust.htm

From: Detterman, Karel, Env. Health
Sent: Thursday, September 25, 2014 2:39 PM
To: Greg Gurss; 'David R. Daniels'; mashpetroleum@yahoo.com; 'Mansour Sepehr'
Cc: 'Sedlachek, Jennifer C'; Roe, Dilan, Env. Health
Subject: Fuel Leak Case No. RO491 and GeoTracker Global ID T0600100552, EXXON #7-3006, 720 High Street, Oakland, CA 94601

Hello Everyone:

Thank you for attending the conference call-meeting at our office on Friday 9/19/2014. The purpose of was to discuss the results of the *Updated Site Conceptual Model (SCM) and Soil and Groundwater Investigation and Groundwater Monitoring Report* (Report) dated 7/13/2014 in conjunction with Alameda County Environmental Health's (ACEH) Low Threat Closure Policy (LTCP) Evaluation and identify remaining data gaps on the path to closure. As discussed in the conference call-meeting, three data gaps were identified, as listed below under Technical Comments.

Please submit a Data Gap Work Plan to address the first Technical Comment; to expedite review, please e-mail the draft Data Gap Work Plan to my attention by 10/15/2014. I will send comments so that the Work Plan can be finalized and uploaded per the schedule in the Technical Report Request section. In the Soil and Groundwater Investigation, include responses to Technical Comments 2 and 3 and submit the report as a Request for Closure (RFC).

TECHNICAL COMMENTS

1. **LTCP Media Specific Criteria for Direct Contact and Outdoor Air Criteria:** Soil and ground water has not been delineated for volatile organic compounds (VOCs) and polynuclear aromatic hydrocarbon (PAHs) between 0 to 5 feet and 5 to 10 feet below ground surface adjacent to the former waste oil underground storage tank (UST). To close this data gap, please prepare a Data Gap Investigation Work Plan to characterize the vertical extent (0 to 5 and 5 to 10-foot intervals) for volatile organic compounds (VOCs) or polynuclear aromatic hydrocarbon (PAHs) in soil and groundwater by advancing a soil boring adjacent to the former waste oil UST location. Additionally, ACEH requests collection and analysis of appropriate soil samples from the capillary fringe, saturated zone, stained interval(s), areas with high PID readings, and the bottom of the soil boring. If visual indications are not encountered, please collect soil samples at or just above the soil – water interface and the bottom of the boring.

2. **LTCP Media Specific Criteria for Groundwater:** Please use the criteria listed in Table 1 of the LTCP's *Technical Justification for Groundwater Media-Specific Criteria* to define the length of the plume. The LTCP defines the length of the plume as the maximum extent from the point of release of any petroleum related constituent (GRO) in groundwater that exceeds the water quality objectives. Please prepare a figure plotting the estimated GRO plume length(s) in the groundwater gradient direction on an aerial photograph base map, identifying sensitive receptors within 1,000 feet of the edge of the plume.

3. **Groundwater Monitoring Event:** Please present the results of the groundwater monitoring and sampling event conducted after June 2014, and which includes new wells MW-20 and MW-21.

Technical report request

- **October 15, 2014** – E-mailed Draft Data Gap Work Plan to karel.detterman@acgov.org

Please upload the technical report to the ACEH ftp site (Attention: Karel Detterman), and to the State Water Resources Control Board's Geotracker website, in accordance with the following specified file naming convention and schedule:

- **October 29, 2014 –** Data Gap Work Plan
  File to be named: RO491_WP_R_yyyy-mm-dd

- **Sixty days After Work Plan Approval** - Request for Closure
  File to be named: RO491_RFC_R_yyyy-mm-dd

This report is 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.

Thank you,

Karel Detterman, PG
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502
Direct: 510.567.6708
Fax: 510.337.9335
Email: karel.detterman@acgov.org

PDF copies of case files can be downloaded at:

http://www.acgov.org/aceh/lop/ust.htm

APPENDIX

B

FIELD PROTOCOLS

Cardno ERI

Shaping the Future

Cardno ERI
Soil Boring and Well Installation
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.

Drilling and Soil Sampling Procedures

Cardno ERI contracts a licensed driller to advance the boring and collect soil samples. The specific drilling method (e.g., hollow-stem auger, direct push method, or sonic drilling), sampling method [e.g., core barrel or California-modified split spoon sampler (CMSSS)] and sampling depths are documented on the boring log and may be specified in a work plan. Soil samples are typically collected at the capillary fringe and at 5-foot intervals to the total depth of the boring. To determine the depth of the capillary fringe prior to drilling, the static groundwater level is measured with a water level indicator in the closest monitoring well to the boring location, if available.

The borehole is advanced to just above the desired sampling depth. For CMSSSs, the sampler is placed inside the auger and driven to a depth of 18 inches past the bit of the auger. The sampler is driven into the soil with a standard 140-pound hammer repeatedly dropped from a height of 30 inches onto the sampler. The number of blows required to drive the sampler each 6-inch increment is recorded on the boring log. For core samplers (e.g., direct push), the core is driven 18 inches using the rig apparatus.

Soil samples are preserved in the metal or plastic sleeve used with the CMSSS or core sampler, in glass jars or other manner required by the local regulatory agency (e.g., Environmental Protection Agency Method 5035). Sleeves are removed from the sample barrel, and the lowermost sample sleeve is immediately sealed with Teflon™ tape, capped, labeled, placed in a cooler chilled to 4º Celsius and transported to a state-certified laboratory. The samples are transferred under chain-of-custody (COC) protocol.

Field Screening Procedures

Cardno ERI places the soil from the middle of the sampling interval into a plastic re-sealable bag. The bag is placed away from direct sunlight for a period of time which allows volatilization of chemical constituents, after which the tip of a photo-ionization detector (PID) or similar device is inserted through the plastic bag to measure organic vapor concentrations in the headspace. The PID measurement is recorded on the boring log. At a minimum, the PID or other device is calibrated on a daily basis in accordance with manufacturer's specifications using a hexane or isobutylene standard. The calibration gas and concentration are recorded on a calibration log. Instruments such as the PID are useful for evaluating relative concentrations of volatilized hydrocarbons, but they do not measure the concentration of petroleum hydrocarbons in the soil matrix with the same precision as laboratory analysis. Cardno ERI trained personnel describe the soil in the bag according to the Unified Soil Classification System and record the description on the boring log, which is included in the final report.

Air Monitoring Procedures

Cardno ERI performs a field evaluation for volatile hydrocarbon concentrations in the breathing zone using a calibrated photo-ionization detector or lower explosive level meter.

Groundwater Sampling

A groundwater sample, if desired, is collected from the boring by using Hydropunch™ sampling technology or installing a well in the borehole. In the case of using Hydropunch™ technology, after collecting the capillary fringe soil sample, the boring is advanced to the top of the soil/groundwater interface and a sampling probe is pushed to approximately 2 feet below the top of the static water level. The probe is opened by partially withdrawing it and thereby exposing the screen. A new or decontaminated bailer is used to collect a water sample from the probe. The water sample is then emptied into laboratory-supplied containers constructed of the correct material and with the correct volume and preservative to comply with the proposed laboratory test. The container is slowly filled with the retrieved water sample until no headspace remains and then promptly sealed with a Teflon-lined cap, checked for the presence of bubbles, labeled, entered onto a COC record and placed in chilled storage at 4° Celsius. Laboratory-supplied trip blanks accompany the water samples as a quality assurance/quality control procedure. Equipment blanks may be collected as required. The samples are kept in chilled storage and transported under COC protocol to a client-approved, state-certified laboratory for analysis.

Backfilling of Soil Boring

If a well is not installed, the boring is backfilled from total depth to approximately 5 feet below ground surface (bgs) with either neat cement or bentonite grout using a tremie pipe and either the boring is backfilled from 5 feet bgs to approximately 1 foot bgs with hydrated bentonite chips or backfill is continued to just below grade with neat cement grout. The borehole is completed to surface grade with material that best matches existing surface conditions and meets local agency requirements. Site-specific backfilling details are shown on the respective boring log.

Well Construction

A well (if constructed) is completed using materials documented on the boring log or specified in a work plan. The well is constructed with slotted casing across the desired groundwater sampling depth(s) and completed with blank casing to within 6 inches of surface grade. No further construction is conducted on temporary wells. For permanent wells, the annular space of the well is backfilled with Monterey sand from the total depth to approximately 2 feet above the top of the screened casing. A hydrated granular bentonite seal is placed on top of the sand filter pack. Grout may be placed on top of the bentonite seal to the desired depth using a tremie pipe. The well may be completed to surface grade with a 1-foot thick concrete pad. A traffic-rated well vault and locking cap for the well casing may be installed to protect against surface-water infiltration and unauthorized entry. Site-specific well construction details including type of well, well depth, casing diameter, slot size, length of screen interval and sand size are documented on the boring log or specified in the work plan.

Well Development and Sampling

If a permanent groundwater monitoring well is installed, the grout is allowed to cure a minimum of 48 hours before development. Cardno ERI personnel or a contracted driller use a submersible pump or surge block to develop the newly installed well. Prior to development, the pump is decontaminated by allowing it to run and re-circulate while immersed in a non-phosphate solution followed by successive immersions in potable water and de-ionized water baths. The well is developed until sufficient well casing volumes are removed so that turbidity is within allowable limits and pH, conductivity and temperature levels stabilize in the purge water. The volume of groundwater extracted is recorded on a log.

Following development, groundwater within the well is allowed to recharge until at least 80% of the drawdown is recovered. A new or decontaminated bailer is slowly lowered past the air/water interface in the well, and a water sample is collected and checked for the presence of non-aqueous phase liquid, sheen or emulsions. The water sample is then emptied into laboratory-supplied containers as discussed above.

Surveying

If required, wells are surveyed by a licensed land surveyor relative to an established benchmark of known elevation above mean sea level to an accuracy of +/- 0.01 foot. The casing is notched or marked on one side to identify a consistent surveying and measuring point.

Decontamination Procedures

Cardno ERI or the contracted driller decontaminates soil and water sampling equipment between each sampling event with 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 prior to drilling the borehole and at completion of the borehole.

Waste Treatment and Soil Disposal

Soil cuttings generated from the drilling or sampling 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 fluids and purge water from well development and sampling activities, if conducted, are stored on site in labeled, regulatory-approved storage containers. Fluids are 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.

GROUNDWATER SAMPLING PROTOCOL

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

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

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

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

r	=	radius of the well casing in feet
h	=	column of water in the well in feet (depth to bottom - depth to water)
7.48	=	conversion constant from cubic feet to gallons
π	=	ratio of the circumference of a circle to its diameter

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

The wells are purged using a submersible pump. Prior to use at the site and between wells the pump is cleaned.

Five gallons of water are placed in three 15-gallon tubs. Liquinox detergent is added to the first tub of water. The pump and tubing are submerged in the first tub and the water is pumped through the pump. The process is repeated in the second and third tub.

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

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

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

Water generated during purging and cleaning is contained and transported off site for treatment and disposal.

APPENDIX

C

PERMITS

Cardno ERI

Shaping the Future

Alameda County Public Works Agency - Water Resources Well Permit

Public Works Agency
Alameda County

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 12/16/2014 By priest

Permit Numbers: W2014-1166
Permits Valid from 01/05/2015 to 01/05/2015

Application Id:	1417563693407	**City of Project Site:**	Oakland
Site Location:	720 High Street, Oakland (Former Exxon 73006)		
Project Start Date:	01/05/2015	**Completion Date:**	01/05/2015
Assigned Inspector:	Contact Sam Brathwaite at (925) 570-7609 or sbrathwaite@groundzonees.com		
Applicant:	Cardno ERI - Nadya Vicente 601 North McDowell Blvd, Petaluma, CA 94954	**Phone:**	707-280-7487
Property Owner:	Victor Chu 3915 Forest Hill Ave, Oakland, CA 94602	**Phone:**	--
Client:	Jennifer Sedlachek ExxonMobil 4096 Piedmont Ave, # 194, Oakland, CA 94611	**Phone:**	--
Contact:	Greg Gurss	**Phone:** **Cell:**	916-692-3100 --

	Total Due:	$265.00
Receipt Number: WR2014-0516	**Total Amount Paid:**	$265.00
Payer Name : nadya m vicente	Paid By: MC	**PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Environmental/Monitorinig Study - 1 Boreholes
Driller: Cascade Drilling - Lic #: 938110 - Method: DP **Work Total: $265.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2014-1166	12/16/2014	04/05/2015	1	4.00 in.	10.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

5. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

6. NOTE:
Under California laws, the owner/operator are responsible for reporting the contamination to the governmental regulatory agencies under Section 25295(a). The owner/operator is liable for civil penalties under Section 25299(a)(4) and criminal penalties under Section 25299(d) for failure to report a leak. The owner/operator is liable for civil penalties under Section 25299(b)(4) for knowing failure to ensure compliance with the law by the operator. These penalty provisions do not apply to a potential buyer.

7. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

8. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

APPENDIX

D

BORING LOG

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BORING LOG B38

(Page 1 of 1)

Project No.:	Former Exxon Service Station 73006
Site:	720 High Street, Oakland, California
Logged By:	Nadya M. Vicente
Reviewed By:	David R. Daniels, P.G. #8737
Signature:	

Date Drilled:	01/05/2015
Drilling Co.:	Cascade Drilling L.P.
Drilling Method:	Geoprobe
Sampling Method:	Direct-Push
Borehole Diameter:	4"
Casing Diameter:	NA
Location N-S	41' N of MW19A
Location E-W	3' SE of CPT6
Total Depth:	10' bgs
First GW Depth:	3' bgs

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion: NA; Groundwater During Drilling: 3' bgs

Well: Soil Boring B38
Elevation: NA

Depth (ft)	Blow Count / 6"	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION (% clay/silt/sand/gravel)
0						4" Ashphalt. Cleared to 5' bgs using hand tools.
		0.0			GW	GRAVEL with Sand (Fill): dark yellow-brown, moist, fine- to coarse-grained sand, well graded, up to 2" diameter (0,0,45,55)
					SW	SAND: dark brown, moist, fine- to coarse-grained, well graded, subrounded (5,0,90,5)
		2.0			CL	CLAY with Sand: dark gray-brown, moist to wet, low plasticity, soft, fine-grained sand (65,10,25,0)
		8.0			CL	CLAY with Silt and Sand: green-gray, wet, low plasticity, soft, fine-grained sand (50,30,20,0)
5		6.0			ML	SILT with Sand: yellow-brown, damp, low to medium plasticity, fine-grained sand, minor organic material (25,60,15,0)
		8.0				
10		10.0				
15						
20						

Neat Cement Grout

Total Depth = 10 feet bgs on 1/5/2015.
Groundwater Encountered at 3 feet bgs.

01-15-2015 L:\EXXONMOBIL\ExxonMobil Projects\022010C (73006) Oakland\2010 AutoCad\BORING LOGS\2010 B38.bor

APPENDIX

E

FIELD DATA SHEETS

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Daily Field Report

Project ID #: 73006 ERI Job # 2010
Subject: Monitoring + Sampling Date: 9-18-14
Equipment Used: Bailers, DTW Tape Sheet: 1 of 1
Name(s): Darin Einhell
Time Arrived On Site: Time Departed Site: Total Travel:

On Site	945
H+S Meeting	945-1000
Opened Wells	1000-1015
DTW on Wells	1015-1030
Purged Wells with bailer MW21, MW20	1030-1136
Sampled Wells MW21, MW20	1055-1200
off Site	1230
QCBB	1345

Decon Water - 0 gal.
Purge Water - 1 gal.
Total Water - 1 gal.

Cardno ERI Groundwater M+S
Depth To Water

Case Volume= H(r^2x0.163)

H=Height of Water Column in Feet
r=Radius of well casing in inches

Common conversion factors:
2"=0.163, 4"=0.652, 6"=1.457

Project: 2010 | Location: 73006 | Date: 9-18-14 | Name: Darin Einhell

WELL ID	WELL DIAMETER inches	ODOR? SHEEN?	TOTAL DEPTH feet	Pre-Purge DTW feet	Case volume Gal.	80% r/chrg. DTW feet	COMMENTS
MW20	2		13.86	10.47	0.55	11.14	
MW21	2		12.58	10.55	0.33	10.95	

WATER SAMPLING SITE STATUS

Date: 9-18-14

Inspected by: Darin Eichell

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

Well ID	Well Head Screws	Rubber Gasket	Well Cap Locking	Lock on Well Cap	Concrete Well Seal	Well Head PVC	Water in Well Vault	Tabs	Well Cover	Fence/Gate Condition	# Drums	Drum Contents	Building Condition	Site Appearance	Comments / Well Covers
	N/R/ok	N/R/ok	N/R/ok	N/R/ok	N/R/ok	N/R/ok	Y / N	N/R/ok	N/R/ok	N/R/ok		s/w/e	g/v/o	N/R/ok	
MW21	OK	OK	OK	N	OK	OK	N	OK	OK	NA	NA	NA	NA	OK	
MW20	↓	↓	↓	Y	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	NO LOCK

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

Y = Yes.
N = No.

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

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

GROUNDWATER SAMPLING FIELD LOG

Client Name: EXXON MOBIL
Location: 73006
Field Crew: Darin Einhell

Cardno ERI Job #: 2010
Field Cleaning Performed: ___
Analysis: ___

Date: 9-18-14 Page 1 of 1

Case Volume = (TD - DTW) x F where F =
0.163 for 2" inside-diameter well casing
0.652 for 4" inside-diamter well casing
1.457 for 6" inside-diamter well casing

Well ID	Time	Case Volume	Purge Volume	Temp	Cond	pH	Post-Purge DTW	80% Recharge	BB	40mil	Amber	DO	ORP	Comments Well Box Condition
MW21	1030	0.33					10.91	Y						Dry @ 0.5 gal
	1033	1	1	19.2	602	6.73	W-11-MW21 @ 1055							
			2											
			3											
MW20	1136	0.55					11.10	Y						Dry @ 0.5 gal
	1139	1	1	20.4	547	6.80	W-11-MW20 @ 1200							
			2											
			3											
							QCBB @ 1345							

APPENDIX

F

LABORATORY ANALYTICAL REPORTS

Cardno ERI

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WORK ORDER NUMBER: 14-09-1638

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Cardno ERI

Client Project Name: ExxonMobil 73006/022010C

Attention: Greg Gurss
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Approved for release on 10/01/2014 by:
Cecile deGuia
Project Manager

ResultLink

Email your PM

eurofins | Calscience

Contents

Client Project Name: ExxonMobil 73006/022010C
Work Order Number: 14-09-1638

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Work Order Narrative

Work Order: 14-09-1638 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 09/20/14. They were assigned to Work Order 14-09-1638.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

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

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

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Sample Summary

Client:	Cardno ERI	Work Order:	14-09-1638
	601 North McDowell Blvd.	Project Name:	ExxonMobil 73006/022010C
	Petaluma, CA 94954-2312	PO Number:	022010C
		Date/Time Received:	09/20/14 09:30
		Number of Containers:	17
Attn:	Greg Gurss		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
W-11-MW20	14-09-1638-1	09/18/14 12:00	8	Aqueous
W-11-MW21	14-09-1638-2	09/18/14 10:55	7	Aqueous
QCBB	14-09-1638-3	09/18/14 13:45	2	Aqueous

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Analytical Report

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

Project: ExxonMobil 73006/022010C

Date Received: 09/20/14
Work Order: 14-09-1638
Preparation: EPA 3510C
Method: EPA 8015B (M)
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-11-MW20	**14-09-1638-1-G**	**09/18/14 12:00**	**Aqueous**	**GC 46**	**09/22/14**	**09/24/14 07:22**	**140922B05S**

Parameter	Result	RL	DF	Qualifiers
TPH as Diesel	1900	50	1.00	SG,HD

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	81	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-11-MW21	**14-09-1638-2-G**	**09/18/14 10:55**	**Aqueous**	**GC 46**	**09/22/14**	**09/24/14 07:40**	**140922B05S**

Parameter	Result	RL	DF	Qualifiers
TPH as Diesel	1700	50	1.00	SG,HD

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	69	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-304-825**	**N/A**	**Aqueous**	**GC 46**	**09/22/14**	**09/24/14 06:30**	**140922B05S**

Parameter	Result	RL	DF	Qualifiers
TPH as Diesel	ND	50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	89	68-140	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Project: ExxonMobil 73006/022010C

Date Received: 09/20/14
Work Order: 14-09-1638
Preparation: EPA 5030C
Method: EPA 8015B (M)
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-11-MW20	**14-09-1638-1-F**	**09/18/14 12:00**	**Aqueous**	**GC 57**	**09/30/14**	**09/30/14 20:18**	**140930L040**

Parameter	Result	RL	DF	Qualifiers
TPH as Gasoline	1200	250	5.00	HD

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	75	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-11-MW21	**14-09-1638-2-D**	**09/18/14 10:55**	**Aqueous**	**GC 57**	**09/30/14**	**09/30/14 20:50**	**140930L040**

Parameter	Result	RL	DF	Qualifiers
TPH as Gasoline	2200	250	5.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	76	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-436-9585**	**N/A**	**Aqueous**	**GC 57**	**09/30/14**	**09/30/14 15:58**	**140930L040**

Parameter	Result	RL	DF	Qualifiers
TPH as Gasoline	ND	50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	74	38-134	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Date Received: 09/20/14
Work Order: 14-09-1638
Preparation: EPA 5030C
Method: EPA 8021B
Units: ug/L

Project: ExxonMobil 73006/022010C

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-11-MW20	**14-09-1638-1-D**	**09/18/14 12:00**	**Aqueous**	**GC 21**	**09/23/14**	**09/23/14 12:44**	**140923L043**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	0.50	1.00	
Toluene	ND	0.50	1.00	
Ethylbenzene	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	0.50	1.00	
Xylenes (total)	ND	0.50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	120	70-130	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-11-MW21	**14-09-1638-2-D**	**09/18/14 10:55**	**Aqueous**	**GC 21**	**09/23/14**	**09/23/14 13:50**	**140923L043**

Parameter	Result	RL	DF	Qualifiers
Benzene	170	0.50	1.00	
Toluene	ND	0.50	1.00	
Ethylbenzene	67	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	0.50	1.00	
Xylenes (total)	ND	0.50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	151	70-130	AZ

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-667-2130**	**N/A**	**Aqueous**	**GC 21**	**09/23/14**	**09/23/14 12:05**	**140923L043**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	0.50	1.00	
Toluene	ND	0.50	1.00	
Ethylbenzene	ND	0.50	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	0.50	1.00	
Xylenes (total)	ND	0.50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	110	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Date Received: 09/20/14
Work Order: 14-09-1638
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: ExxonMobil 73006/022010C

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-11-MW20	**14-09-1638-1-A**	**09/18/14 12:00**	**Aqueous**	**GC/MS FFF**	**09/23/14**	**09/24/14 07:37**	**140923L036**

Parameter	Result	RL	DF	Qualifiers
Methyl-t-Butyl Ether (MTBE)	20	1.0	2.00	
Tert-Butyl Alcohol (TBA)	56	10	2.00	
Diisopropyl Ether (DIPE)	3.4	1.0	2.00	
Ethyl-t-Butyl Ether (ETBE)	ND	1.0	2.00	
Tert-Amyl-Methyl Ether (TAME)	ND	1.0	2.00	
Ethanol	ND	100	2.00	
1,2-Dibromoethane	ND	1.0	2.00	
1,2-Dichloroethane	ND	1.0	2.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	103	68-120	
Dibromofluoromethane	111	80-127	
1,2-Dichloroethane-d4	119	80-128	
Toluene-d8	99	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-11-MW21	**14-09-1638-2-A**	**09/18/14 10:55**	**Aqueous**	**GC/MS FFF**	**09/23/14**	**09/24/14 08:05**	**140923L036**

Parameter	Result	RL	DF	Qualifiers
Methyl-t-Butyl Ether (MTBE)	46	2.0	4.00	
Tert-Butyl Alcohol (TBA)	43	20	4.00	
Diisopropyl Ether (DIPE)	5.5	2.0	4.00	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	4.00	
Tert-Amyl-Methyl Ether (TAME)	ND	2.0	4.00	
Ethanol	ND	200	4.00	
1,2-Dibromoethane	ND	2.0	4.00	
1,2-Dichloroethane	ND	2.0	4.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	104	68-120	
Dibromofluoromethane	106	80-127	
1,2-Dichloroethane-d4	112	80-128	
Toluene-d8	106	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Date Received: 09/20/14
Work Order: 14-09-1638
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: ExxonMobil 73006/022010C

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-884-1202**	**N/A**	**Aqueous**	**GC/MS FFF**	**09/23/14**	**09/24/14 01:07**	**140923L036**

Parameter	Result	RL	DF	Qualifiers
Methyl-t-Butyl Ether (MTBE)	ND	0.50	1.00	
Tert-Butyl Alcohol (TBA)	ND	5.0	1.00	
Diisopropyl Ether (DIPE)	ND	0.50	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1.00	
Ethanol	ND	50	1.00	
1,2-Dibromoethane	ND	0.50	1.00	
1,2-Dichloroethane	ND	0.50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	68-120	
Dibromofluoromethane	113	80-127	
1,2-Dichloroethane-d4	122	80-128	
Toluene-d8	96	80-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Cardno ERI		Date Received:	09/20/14
601 North McDowell Blvd.		Work Order:	14-09-1638
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)
Project: ExxonMobil 73006/022010C			Page 1 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
14-09-2185-4	**Sample**	**Aqueous**	**GC 57**	**09/30/14**	**09/30/14 16:37**	**140930S011**
14-09-2185-4	**Matrix Spike**	**Aqueous**	**GC 57**	**09/30/14**	**09/30/14 17:09**	**140930S011**
14-09-2185-4	**Matrix Spike Duplicate**	**Aqueous**	**GC 57**	**09/30/14**	**09/30/14 17:40**	**140930S011**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	ND	2000	1708	85	1600	80	68-122	7	0-18	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Cardno ERI		Date Received:	09/20/14
601 North McDowell Blvd.		Work Order:	14-09-1638
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8021B
Project: ExxonMobil 73006/022010C			Page 2 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
W-11-MW20	**Sample**	**Aqueous**	**GC 21**	**09/23/14**	**09/23/14 12:44**	**140923S034**
W-11-MW20	**Matrix Spike**	**Aqueous**	**GC 21**	**09/23/14**	**09/23/14 15:32**	**140923S034**
W-11-MW20	**Matrix Spike Duplicate**	**Aqueous**	**GC 21**	**09/23/14**	**09/23/14 16:05**	**140923S034**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Benzene	ND	100.0	94.65	95	106.6	107	57-129	12	0-23	
Toluene	ND	100.0	91.25	91	106.7	107	50-134	16	0-26	
Ethylbenzene	ND	100.0	93.65	94	106.3	106	58-130	13	0-26	
p/m-Xylene	ND	200.0	193.1	97	218.9	109	58-130	12	0-28	
o-Xylene	ND	100.0	94.46	94	104.6	105	57-123	10	0-26	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Cardno ERI		Date Received:	09/20/14
601 North McDowell Blvd.		Work Order:	14-09-1638
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: ExxonMobil 73006/022010C			Page 3 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
14-09-1764-1	**Sample**	**Aqueous**	**GC/MS FFF**	**09/23/14**	**09/24/14 02:03**	**140923S028**
14-09-1764-1	**Matrix Spike**	**Aqueous**	**GC/MS FFF**	**09/23/14**	**09/24/14 04:22**	**140923S028**
14-09-1764-1	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS FFF**	**09/23/14**	**09/24/14 04:50**	**140923S028**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Methyl-t-Butyl Ether (MTBE)	ND	10.00	12.05	121	12.31	123	71-131	2	0-20	
Tert-Butyl Alcohol (TBA)	ND	50.00	53.01	106	53.20	106	20-180	0	0-40	
Diisopropyl Ether (DIPE)	ND	10.00	10.33	103	10.43	104	64-136	1	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	10.00	11.29	113	11.41	114	73-133	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	10.00	11.03	110	11.38	114	75-125	3	0-20	
Ethanol	ND	100.0	100.8	101	100.3	100	73-139	0	0-27	
1,2-Dibromoethane	ND	10.00	11.77	118	12.18	122	75-126	3	0-20	
1,2-Dichloroethane	ND	10.00	11.85	118	12.23	122	75-127	3	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Cardno ERI		Date Received:	09/20/14
601 North McDowell Blvd.		Work Order:	14-09-1638
Petaluma, CA 94954-2312		Preparation:	EPA 3510C
		Method:	EPA 8015B (M)
Project: ExxonMobil 73006/022010C			Page 1 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-15-304-825	**LCS**	**Aqueous**	**GC 46**	**09/22/14**	**09/24/14 06:48**	**140922B05S**
099-15-304-825	**LCSD**	**Aqueous**	**GC 46**	**09/22/14**	**09/24/14 07:06**	**140922B05S**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Diesel	2000	1786	89	1932	97	75-117	8	0-13	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Cardno ERI		Date Received:	09/20/14
601 North McDowell Blvd.		Work Order:	14-09-1638
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)
Project: ExxonMobil 73006/022010C			Page 2 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-436-9585	**LCS**	**Aqueous**	**GC 57**	**09/30/14**	**09/30/14 15:26**	**140930L040**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Gasoline	2000	1880	94	78-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Cardno ERI		Date Received:	09/20/14
601 North McDowell Blvd.		Work Order:	14-09-1638
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8021B
Project: ExxonMobil 73006/022010C			Page 3 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-667-2130	**LCS**	**Aqueous**	**GC 21**	**09/23/14**	**09/23/14 10:59**	**140923L043**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Benzene	100.0	89.42	89	70-118	
Toluene	100.0	85.29	85	66-114	
Ethylbenzene	100.0	87.86	88	72-114	
p/m-Xylene	200.0	178.7	89	74-116	
o-Xylene	100.0	87.64	88	72-114	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Cardno ERI		Date Received:	09/20/14
601 North McDowell Blvd.		Work Order:	14-09-1638
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: ExxonMobil 73006/022010C			Page 4 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-884-1202	**LCS**	**Aqueous**	**GC/MS FFF**	**09/23/14**	**09/24/14 00:11**	**140923L036**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Methyl-t-Butyl Ether (MTBE)	10.00	11.42	114	75-123	
Tert-Butyl Alcohol (TBA)	50.00	49.83	100	80-120	
Diisopropyl Ether (DIPE)	10.00	9.586	96	73-121	
Ethyl-t-Butyl Ether (ETBE)	10.00	10.65	106	76-124	
Tert-Amyl-Methyl Ether (TAME)	10.00	10.74	107	80-120	
Ethanol	100.0	97.01	97	73-133	
1,2-Dibromoethane	10.00	11.15	111	80-120	
1,2-Dichloroethane	10.00	11.39	114	80-122	

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RPD: Relative Percent Difference. CL: Control Limits

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Glossary of Terms and Qualifiers

Work Order: 14-09-1638 Page 1 of 1

Qualifiers	Definition
AZ	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
B	Analyte was present in the associated method blank.
BA	The MS/MSD RPD was out of control due to suspected matrix interference.
BB	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
DF	Reporting limits elevated due to matrix interferences.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
GE	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
HD	Chromat. profile inconsistent with pattern(s) of ref. fuel stnds.
HO	High concentration matrix spike recovery out of limits
HT	Analytical value calculated using results from associated tests.
HX	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS was in control.
IL	Relative percent difference out of control.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
LD	Analyte presence was not confirmed by second column or GC/MS analysis.
LP	The LCS and/or LCSD recoveries for this analyte were above the upper control limit. The associated sample was non-detected. Therefore, the sample data was reported without further clarification.
LQ	LCS recovery above method control limits.
LR	LCS recovery below method control limits.
ND	Parameter not detected at the indicated reporting limit.
QO	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.
RU	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
SG	A silica gel cleanup procedure was performed.
SN	See applicable analysis comment.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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Eurofins Calscience, Inc.
7440 Lincoln Way
Garden Grove, CA 92841
Phone: 714-895-5494
Fax: 714-894-7501

ExxonMobil

14-09-1638

Consultant Name: Cardno ERI | **Account #:** NA | **PO#ect Bill Cardno ERI**
Consultant Address: 601 N. McDowell Boulevard | **Invoice To:** Direct Bill Cardno ERI
Consultant City/State/Zip: Petaluma, California, 94954 | **Report To:** Greg Gurss
ExxonMobil Project Mgr: Jennifer Sedlachek | **Project Name:** 02 2010 C
Consultant Project Mgr: Greg Gurss | **ExxonMobil Site #:** 73006 | **Major Project (AFE #):**
Consultant Telephone Number: 707-766-2000 | **Fax No.:** 707-789-0414 | **Site Address:** 720 High Street
Sampler Name (Print): Dawn Einhell | **Site City, State, Zip:** Oakland, California
Sampler Signature: Dawn Einhell | **Oversight Agency:** Alameda County Environmental Health Department

	Sample ID	Field Point Name	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify): Distilled Water	Analyze For: TPHg 8015B	BTEX 8021B	OXYGENATES 8260B	ETHANOL 8260B	TPHd 8015B		8015B (Crbon range - oil C6-C44)		RUSH TAT (Pre-Schedule)	5-day TAT	Standard 10-day TAT	Due Date of Report
1	W- 11 -MW20	MW20	9-18-14	1200	6V/2A						x					x			x							x	x	x	x	x						X	
2	W- 11 -MW21	MW21	↓	1055	6V/1A						x					x			x							x	x	x	x	x						X	
3	QCBB	QCBB	↓	1345	2V						x					x									x	H	O	L	D						X	

Comments/Special Instructions:
PLEASE E-MAIL ALL PDF FILES TO
norcallabs@eri-us.com
GLOBAL ID # T0600100552

7 CA Oxys= MTBE, ETBE, TAME, TBA, EDB, 1,2-DCA, DIPE.
Set TBA detection limit at or below 12 ug/L
TPHd - Silica gel cleanup

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Relinquished by:		Date	Time	Received by:	Date	Time
Dawn Einhell		9/19/14	1105	Tom O'Malley CCI	9/19/14	1105
Relinquished by:		Date	Time	Received by (Lab personnel):	Date	Time
Tom O'Malley T0650		9/19/14	1730	EQ	9/20/14	0930

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5063 COMMERCIAL CIRCLE #H
CONCORD, CA 94520

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GARDEN GROVE, CA 92841

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$0.00

Reference:
CARDNO ERI, SCHNITZER STEEL

Delivery Instructions:

Signature Type:
SIGNATURE REQUIRED

Tracking #: 525677156

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Package 1 of 1

Send Label To Printer | ☑ Print All | Edit Shipment | Finish

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

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

ADDITIONAL OPTIONS:

Send Label Via Email | Create Return Label

TERMS AND CONDITIONS:

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

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WORK ORDER #: 14-09-1 6 3 8

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Cardno ERI

DATE: 09/20/14

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature 3.3 °C - 0.3 °C (CF) = 3.0 °C ☑ Blank ☐ Sample

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

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

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

Ambient Temperature: ☐ Air ☐ Filter Checked by: SR

CUSTODY SEALS INTACT:

☑ Cooler ☐_____ ☐ No (Not Intact) ☐ Not Present ☐ N/A Checked by: SR

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Checked by: 739

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Aqueous samples received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfides ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation noted on COC or sample container	☑	☐	☐
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☑	☐	☐
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

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

Aqueous: ☐VOA ☑VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s**

☐500AGB ☑500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐1PB**na** ☐500PB

☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** 739

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

Preservative: **h:** HCL **n:** HNO_3 **na$_2$:**$Na_2S_2O_3$ **na:** NaOH **p:** H_3PO_4 **s:** H_2SO_4 **u:** Ultra-pure **znna:** $ZnAc_2$+NaOH **f:** Filtered **Scanned by:**_____

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Supplemental Report 1

The original report has been revised/corrected.

WORK ORDER NUMBER: 15-01-0215

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Cardno ERI

Client Project Name: ExxonMobil 73006/022010C

Attention: Greg Curss
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Approved for release on 01/26/2015 by:
Cecile deGuia
Project Manager

ResultLink

Email your PM

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Client Project Name: ExxonMobil 73006/022010C
Work Order Number: 15-01-0215

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Work Order Narrative

Work Order: 15-01-0215 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 01/07/15. They were assigned to Work Order 15-01-0215.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

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

Note that the report has been amended to reflect the corrected units to mg/kg for soil samples as per email instruction on January 22, 2015.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

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Sample Summary

Client:	Cardno ERI	Work Order:	15-01-0215
	601 North McDowell Blvd.	Project Name:	ExxonMobil 73006/022010C
	Petaluma, CA 94954-2312	PO Number:	022010C
		Date/Time Received:	01/07/15 10:00
		Number of Containers:	3
Attn:	Greg Curss		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
S-3-B38	15-01-0215-1	01/05/15 09:40	1	Solid
S-5.5-B38	15-01-0215-2	01/05/15 09:50	1	Solid
S-9.5-B38	15-01-0215-3	01/05/15 09:55	1	Solid

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Analytical Report

Cardno ERI		Date Received:	01/07/15
601 North McDowell Blvd.		Work Order:	15-01-0215
Petaluma, CA 94954-2312		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg
Project: ExxonMobil 73006/022010C			Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-3-B38	**15-01-0215-1-A**	**01/05/15 09:40**	**Solid**	**GC 47**	**01/08/15**	**01/09/15 03:53**	**150108B09S**

Parameter	Result	RL	DF	Qualifiers
TPH as Motor Oil	ND	25	1.00	SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	90	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-5.5-B38	**15-01-0215-2-A**	**01/05/15 09:50**	**Solid**	**GC 47**	**01/08/15**	**01/09/15 04:11**	**150108B09S**

Parameter	Result	RL	DF	Qualifiers
TPH as Motor Oil	ND	25	1.00	SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	98	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-9.5-B38	**15-01-0215-3-A**	**01/05/15 09:55**	**Solid**	**GC 47**	**01/08/15**	**01/09/15 04:28**	**150108B09S**

Parameter	Result	RL	DF	Qualifiers
TPH as Motor Oil	ND	25	1.00	SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	79	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-420-1192**	**N/A**	**Solid**	**GC 47**	**01/08/15**	**01/09/15 01:52**	**150108B09S**

Parameter	Result	RL	DF	Qualifiers
TPH as Motor Oil	ND	25	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	99	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Project: ExxonMobil 73006/022010C

Date Received: 01/07/15
Work Order: 15-01-0215
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-3-B38	**15-01-0215-1-A**	**01/05/15 09:40**	**Solid**	**GC 47**	**01/08/15**	**01/09/15 03:53**	**150108B08S**

Parameter	Result	RL	DF	Qualifiers
TPH as Diesel	ND	4.9	1.00	SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	90	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-5.5-B38	**15-01-0215-2-A**	**01/05/15 09:50**	**Solid**	**GC 47**	**01/08/15**	**01/09/15 04:11**	**150108B08S**

Parameter	Result	RL	DF	Qualifiers
TPH as Diesel	ND	5.0	1.00	SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	98	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-9.5-B38	**15-01-0215-3-A**	**01/05/15 09:55**	**Solid**	**GC 47**	**01/08/15**	**01/09/15 04:28**	**150108B08S**

Parameter	Result	RL	DF	Qualifiers
TPH as Diesel	ND	5.0	1.00	SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	79	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-422-1559**	**N/A**	**Solid**	**GC 47**	**01/08/15**	**01/09/15 01:52**	**150108B08S**

Parameter	Result	RL	DF	Qualifiers
TPH as Diesel	ND	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	99	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno ERI		Date Received:	01/07/15
601 North McDowell Blvd.		Work Order:	15-01-0215
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)
		Units:	mg/kg
Project: ExxonMobil 73006/022010C			Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-3-B38	**15-01-0215-1-A**	**01/05/15 09:40**	**Solid**	**GC 56**	**01/07/15**	**01/07/15 18:25**	**150107L022**

Parameter	Result	RL	DF	Qualifiers
TPH as Gasoline	ND	0.51	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene - FID	77	42-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-5.5-B38	**15-01-0215-2-A**	**01/05/15 09:50**	**Solid**	**GC 56**	**01/07/15**	**01/07/15 19:59**	**150107L022**

Parameter	Result	RL	DF	Qualifiers
TPH as Gasoline	ND	0.48	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene - FID	79	42-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-9.5-B38	**15-01-0215-3-A**	**01/05/15 09:55**	**Solid**	**GC 56**	**01/07/15**	**01/07/15 20:31**	**150107L022**

Parameter	Result	RL	DF	Qualifiers
TPH as Gasoline	ND	0.50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene - FID	76	42-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-571-2054**	**N/A**	**Solid**	**GC 56**	**01/07/15**	**01/07/15 17:53**	**150107L022**

Parameter	Result	RL	DF	Qualifiers
TPH as Gasoline	ND	0.50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene - FID	79	42-126	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Date Received: 01/07/15
Work Order: 15-01-0215
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: ExxonMobil 73006/022010C

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-3-B38	**15-01-0215-1-A**	**01/05/15 09:40**	**Solid**	**ICP 7300**	**01/08/15**	**01/09/15 13:25**	**150108L09A**

Parameter	Result	RL	DF	Qualifiers
Cadmium	ND	0.500	1.00	
Chromium	33.3	0.250	1.00	
Lead	153	0.500	1.00	
Nickel	38.1	0.250	1.00	
Zinc	246	1.00	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-5.5-B38	**15-01-0215-2-A**	**01/05/15 09:50**	**Solid**	**ICP 7300**	**01/08/15**	**01/09/15 13:29**	**150108L09A**

Parameter	Result	RL	DF	Qualifiers
Cadmium	ND	0.500	1.00	
Chromium	38.2	0.250	1.00	
Lead	8.56	0.500	1.00	
Nickel	87.6	0.250	1.00	
Zinc	32.1	1.00	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-9.5-B38	**15-01-0215-3-A**	**01/05/15 09:55**	**Solid**	**ICP 7300**	**01/08/15**	**01/09/15 13:30**	**150108L09A**

Parameter	Result	RL	DF	Qualifiers
Cadmium	ND	0.515	1.03	
Lead	4.22	0.515	1.03	
Zinc	39.7	1.03	1.03	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-9.5-B38	**15-01-0215-3-A**	**01/05/15 09:55**	**Solid**	**ICP 7300**	**01/08/15**	**01/17/15 16:08**	**150108L09A**

Parameter	Result	RL	DF	Qualifiers
Chromium	108	2.58	10.3	
Nickel	183	2.58	10.3	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-002-20143**	**N/A**	**Solid**	**ICP 7300**	**01/08/15**	**01/10/15 15:57**	**150108L09A**

Parameter	Result	RL	DF	Qualifiers
Cadmium	ND	0.500	1.00	
Chromium	ND	0.250	1.00	
Lead	ND	0.500	1.00	
Nickel	ND	0.250	1.00	
Zinc	ND	1.00	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Date Received: 01/07/15
Work Order: 15-01-0215
Preparation: EPA 3545
Method: EPA 8310
Units: mg/kg

Project: ExxonMobil 73006/022010C

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-3-B38	**15-01-0215-1-A**	**01/05/15 09:40**	**Solid**	**HPLC 5**	**01/15/15**	**01/16/15 21:18**	**150115L05**

Parameter	Result	RL	DF	Qualifiers
Naphthalene	ND	0.015	1.00	
Acenaphthylene	ND	0.030	1.00	
Acenaphthene	ND	0.015	1.00	
Fluorene	ND	0.010	1.00	
Phenanthrene	ND	0.010	1.00	
Anthracene	ND	0.010	1.00	
Fluoranthene	ND	0.010	1.00	
Pyrene	ND	0.010	1.00	
Benzo (a) Anthracene	ND	0.010	1.00	
Chrysene	ND	0.010	1.00	
Benzo (b) Fluoranthene	ND	0.010	1.00	
Benzo (k) Fluoranthene	ND	0.010	1.00	
Benzo (a) Pyrene	ND	0.010	1.00	
Dibenz (a,h) Anthracene	ND	0.010	1.00	
Benzo (g,h,i) Perylene	ND	0.010	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	0.010	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decafluorobiphenyl	48	8-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Date Received: 01/07/15
Work Order: 15-01-0215
Preparation: EPA 3545
Method: EPA 8310
Units: mg/kg

Project: ExxonMobil 73006/022010C

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-5.5-B38	**15-01-0215-2-A**	**01/05/15 09:50**	**Solid**	**HPLC 5**	**01/15/15**	**01/16/15 21:50**	**150115L05**

Parameter	Result	RL	DF	Qualifiers
Naphthalene	ND	0.015	1.00	
Acenaphthylene	ND	0.030	1.00	
Acenaphthene	ND	0.015	1.00	
Fluorene	ND	0.010	1.00	
Phenanthrene	ND	0.010	1.00	
Anthracene	ND	0.010	1.00	
Fluoranthene	ND	0.010	1.00	
Pyrene	ND	0.010	1.00	
Benzo (a) Anthracene	ND	0.010	1.00	
Chrysene	ND	0.010	1.00	
Benzo (b) Fluoranthene	ND	0.010	1.00	
Benzo (k) Fluoranthene	0.013	0.010	1.00	
Benzo (a) Pyrene	ND	0.010	1.00	
Dibenz (a,h) Anthracene	ND	0.010	1.00	
Benzo (g,h,i) Perylene	ND	0.010	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	0.010	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decafluorobiphenyl	53	8-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Date Received: 01/07/15
Work Order: 15-01-0215
Preparation: EPA 3545
Method: EPA 8310
Units: mg/kg

Project: ExxonMobil 73006/022010C

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-9.5-B38	**15-01-0215-3-A**	**01/05/15 09:55**	**Solid**	**HPLC 5**	**01/15/15**	**01/16/15 20:46**	**150115L05**

Parameter	Result	RL	DF	Qualifiers
Naphthalene	ND	0.015	1.00	
Acenaphthylene	ND	0.030	1.00	
Acenaphthene	ND	0.015	1.00	
Fluorene	ND	0.010	1.00	
Phenanthrene	ND	0.010	1.00	
Anthracene	ND	0.010	1.00	
Fluoranthene	ND	0.010	1.00	
Pyrene	ND	0.010	1.00	
Benzo (a) Anthracene	ND	0.010	1.00	
Chrysene	ND	0.010	1.00	
Benzo (b) Fluoranthene	ND	0.010	1.00	
Benzo (k) Fluoranthene	ND	0.010	1.00	
Benzo (a) Pyrene	ND	0.010	1.00	
Dibenz (a,h) Anthracene	ND	0.010	1.00	
Benzo (g,h,i) Perylene	ND	0.010	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	0.010	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decafluorobiphenyl	38	8-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Date Received: 01/07/15
Work Order: 15-01-0215
Preparation: EPA 3545
Method: EPA 8310
Units: mg/kg

Project: ExxonMobil 73006/022010C

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-07-002-1759**	**N/A**	**Solid**	**HPLC 5**	**01/15/15**	**01/16/15 16:52**	**150115L05**

Parameter	Result	RL	DF	Qualifiers
Naphthalene	ND	0.015	1.00	
Acenaphthylene	ND	0.030	1.00	
Acenaphthene	ND	0.015	1.00	
Fluorene	ND	0.010	1.00	
Phenanthrene	ND	0.010	1.00	
Anthracene	ND	0.010	1.00	
Fluoranthene	ND	0.010	1.00	
Pyrene	ND	0.010	1.00	
Benzo (a) Anthracene	ND	0.010	1.00	
Chrysene	ND	0.010	1.00	
Benzo (b) Fluoranthene	ND	0.010	1.00	
Benzo (k) Fluoranthene	ND	0.010	1.00	
Benzo (a) Pyrene	ND	0.010	1.00	
Dibenz (a,h) Anthracene	ND	0.010	1.00	
Benzo (g,h,i) Perylene	ND	0.010	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	0.010	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decafluorobiphenyl	88	8-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Date Received: 01/07/15
Work Order: 15-01-0215
Preparation: EPA 5030C
Method: EPA 8260B
Units: mg/kg

Project: ExxonMobil 73006/022010C

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-3-B38	**15-01-0215-1-A**	**01/05/15 09:40**	**Solid**	**GC/MS Q**	**01/07/15**	**01/07/15 17:55**	**150107L045**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	0.0051	1.00	
Toluene	ND	0.0051	1.00	
Ethylbenzene	ND	0.0051	1.00	
o-Xylene	ND	0.0051	1.00	
p/m-Xylene	ND	0.0051	1.00	
Xylenes (total)	ND	0.0051	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.0051	1.00	
Tert-Butyl Alcohol (TBA)	ND	0.051	1.00	
Diisopropyl Ether (DIPE)	ND	0.010	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	60-132	
Dibromofluoromethane	96	63-141	
1,2-Dichloroethane-d4	98	62-146	
Toluene-d8	118	80-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno ERI		Date Received:	01/07/15
601 North McDowell Blvd.		Work Order:	15-01-0215
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	mg/kg
Project: ExxonMobil 73006/022010C			Page 2 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-5.5-B38	**15-01-0215-2-A**	**01/05/15 09:50**	**Solid**	**GC/MS Q**	**01/07/15**	**01/07/15 18:21**	**150107L045**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	0.0050	1.00	
Toluene	ND	0.0050	1.00	
Ethylbenzene	ND	0.0050	1.00	
o-Xylene	ND	0.0050	1.00	
p/m-Xylene	ND	0.0050	1.00	
Xylenes (total)	ND	0.0050	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1.00	
Tert-Butyl Alcohol (TBA)	ND	0.050	1.00	
Diisopropyl Ether (DIPE)	ND	0.0099	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	0.0099	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	0.0099	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	60-132	
Dibromofluoromethane	96	63-141	
1,2-Dichloroethane-d4	93	62-146	
Toluene-d8	100	80-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno ERI		Date Received:	01/07/15
601 North McDowell Blvd.		Work Order:	15-01-0215
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	mg/kg
Project: ExxonMobil 73006/022010C			Page 3 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-9.5-B38	**15-01-0215-3-A**	**01/05/15 09:55**	**Solid**	**GC/MS Q**	**01/07/15**	**01/07/15 18:47**	**150107L045**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	0.0051	1.00	
Toluene	ND	0.0051	1.00	
Ethylbenzene	ND	0.0051	1.00	
o-Xylene	ND	0.0051	1.00	
p/m-Xylene	ND	0.0051	1.00	
Xylenes (total)	ND	0.0051	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.0051	1.00	
Tert-Butyl Alcohol (TBA)	ND	0.051	1.00	
Diisopropyl Ether (DIPE)	ND	0.010	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	60-132	
Dibromofluoromethane	94	63-141	
1,2-Dichloroethane-d4	93	62-146	
Toluene-d8	97	80-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Date Received: 01/07/15
Work Order: 15-01-0215
Preparation: EPA 5030C
Method: EPA 8260B
Units: mg/kg

Project: ExxonMobil 73006/022010C

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-882-1697**	**N/A**	**Solid**	**GC/MS Q**	**01/07/15**	**01/07/15 11:36**	**150107L045**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	0.0050	1.00	
Toluene	ND	0.0050	1.00	
Ethylbenzene	ND	0.0050	1.00	
o-Xylene	ND	0.0050	1.00	
p/m-Xylene	ND	0.0050	1.00	
Xylenes (total)	ND	0.0050	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1.00	
Tert-Butyl Alcohol (TBA)	ND	0.050	1.00	
Diisopropyl Ether (DIPE)	ND	0.010	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	60-132	
Dibromofluoromethane	103	63-141	
1,2-Dichloroethane-d4	99	62-146	
Toluene-d8	100	80-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Cardno ERI		Date Received:	01/07/15
601 North McDowell Blvd.		Work Order:	15-01-0215
Petaluma, CA 94954-2312		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: ExxonMobil 73006/022010C			Page 1 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-9.5-B38	**Sample**	**Solid**	**GC 47**	**01/08/15**	**01/09/15 04:28**	**150108S09**
S-9.5-B38	**Matrix Spike**	**Solid**	**GC 47**	**01/08/15**	**01/09/15 03:19**	**150108S09**
S-9.5-B38	**Matrix Spike Duplicate**	**Solid**	**GC 47**	**01/08/15**	**01/09/15 03:36**	**150108S09**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	ND	400.0	378.9	95	366.3	92	64-130	3	0-15	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Cardno ERI		Date Received:	01/07/15
601 North McDowell Blvd.		Work Order:	15-01-0215
Petaluma, CA 94954-2312		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: ExxonMobil 73006/022010C			Page 2 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-9.5-B38	**Sample**	**Solid**	**GC 47**	**01/08/15**	**01/09/15 04:28**	**150108S08**
S-9.5-B38	**Matrix Spike**	**Solid**	**GC 47**	**01/08/15**	**01/09/15 02:44**	**150108S08**
S-9.5-B38	**Matrix Spike Duplicate**	**Solid**	**GC 47**	**01/08/15**	**01/09/15 03:02**	**150108S08**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Diesel	ND	400.0	384.8	96	355.5	89	64-130	8	0-15	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Cardno ERI		Date Received:	01/07/15
601 North McDowell Blvd.		Work Order:	15-01-0215
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)
Project: ExxonMobil 73006/022010C			Page 3 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-3-B38	**Sample**	**Solid**	**GC 56**	**01/07/15**	**01/07/15 18:25**	**150107S014**
S-3-B38	**Matrix Spike**	**Solid**	**GC 56**	**01/07/15**	**01/07/15 18:56**	**150107S014**
S-3-B38	**Matrix Spike Duplicate**	**Solid**	**GC 56**	**01/07/15**	**01/07/15 19:28**	**150107S014**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	ND	10.00	6.221	62	7.390	74	48-114	17	0-23	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Cardno ERI		Date Received:	01/07/15
601 North McDowell Blvd.		Work Order:	15-01-0215
Petaluma, CA 94954-2312		Preparation:	EPA 3050B
		Method:	EPA 6010B
Project: ExxonMobil 73006/022010C			Page 4 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-3-B38	**Sample**	**Solid**	**ICP 7300**	**01/08/15**	**01/09/15 13:25**	**150108S09**
S-3-B38	**Matrix Spike**	**Solid**	**ICP 7300**	**01/08/15**	**01/09/15 13:26**	**150108S09**
S-3-B38	**Matrix Spike Duplicate**	**Solid**	**ICP 7300**	**01/08/15**	**01/09/15 13:28**	**150108S09**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Cadmium	ND	25.00	25.77	103	24.87	99	75-125	4	0-20	
Chromium	33.32	25.00	60.01	107	59.19	103	75-125	1	0-20	
Lead	153.4	25.00	185.9	4X	151.1	4X	75-125	4X	0-20	BB
Nickel	38.10	25.00	68.02	120	64.74	107	75-125	5	0-20	
Zinc	246.0	25.00	296.9	4X	292.2	4X	75-125	4X	0-20	BB

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Cardno ERI		Date Received:	01/07/15
601 North McDowell Blvd.		Work Order:	15-01-0215
Petaluma, CA 94954-2312		Preparation:	EPA 3545
		Method:	EPA 8310
Project: ExxonMobil 73006/022010C			Page 5 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-5.5-B38	**Sample**	**Solid**	**HPLC 5**	**01/15/15**	**01/16/15 21:50**	**150115S05**
S-5.5-B38	**Matrix Spike**	**Solid**	**HPLC 5**	**01/15/15**	**01/16/15 22:23**	**150115S05**
S-5.5-B38	**Matrix Spike Duplicate**	**Solid**	**HPLC 5**	**01/15/15**	**01/16/15 22:55**	**150115S05**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Naphthalene	ND	0.1000	0.09716	97	0.1092	109	23-167	12	0-46	
Acenaphthylene	ND	0.1000	0.05933	59	0.05298	53	24-120	11	0-47	
Acenaphthene	ND	0.1000	0.04954	50	0.04332	43	16-120	13	0-46	
Fluorene	ND	0.1000	0.05034	50	0.04812	48	32-120	4	0-44	
Phenanthrene	ND	0.1000	0.05250	53	0.05214	52	34-120	1	0-38	
Anthracene	ND	0.1000	0.04750	47	0.04479	45	27-120	6	0-45	
Fluoranthene	ND	0.1000	0.05458	55	0.05362	54	32-122	2	0-41	
Pyrene	ND	0.1000	0.06515	65	0.05828	58	31-127	11	0-38	
Benzo (a) Anthracene	ND	0.1000	0.05745	57	0.05674	57	32-122	1	0-43	
Chrysene	ND	0.1000	0.06129	61	0.06104	61	30-132	0	0-42	
Benzo (b) Fluoranthene	ND	0.1000	0.05772	58	0.05608	56	33-120	3	0-44	
Benzo (k) Fluoranthene	0.01269	0.1000	0.06344	51	0.07054	58	23-149	11	0-44	
Benzo (a) Pyrene	ND	0.1000	0.06456	65	0.05934	59	12-132	8	0-48	
Dibenz (a,h) Anthracene	ND	0.1000	0.05218	52	0.04779	48	29-125	9	0-43	
Benzo (g,h,i) Perylene	ND	0.1000	0.06142	61	0.05574	56	24-132	10	0-42	
Indeno (1,2,3-c,d) Pyrene	ND	0.1000	0.05968	60	0.05584	56	29-143	7	0-42	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

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

Date Received: 01/07/15
Work Order: 15-01-0215
Preparation: EPA 5030C
Method: EPA 8260B

Project: ExxonMobil 73006/022010C

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
15-01-0055-1	**Sample**	**Solid**	**GC/MS Q**	**01/06/15**	**01/07/15 12:29**	**150107S003**
15-01-0055-1	**Matrix Spike**	**Solid**	**GC/MS Q**	**01/06/15**	**01/07/15 12:55**	**150107S003**
15-01-0055-1	**Matrix Spike Duplicate**	**Solid**	**GC/MS Q**	**01/06/15**	**01/07/15 13:22**	**150107S003**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Benzene	ND	0.05000	0.04796	96	0.04750	95	61-127	1	0-20	
Toluene	ND	0.05000	0.04841	97	0.04913	98	63-123	1	0-20	
Ethylbenzene	ND	0.05000	0.04855	97	0.04912	98	57-129	1	0-22	
o-Xylene	ND	0.05000	0.04842	97	0.04826	97	70-130	0	0-30	
p/m-Xylene	ND	0.1000	0.09857	99	0.09863	99	70-130	0	0-30	
Methyl-t-Butyl Ether (MTBE)	ND	0.05000	0.04190	84	0.04793	96	57-123	13	0-21	
Tert-Butyl Alcohol (TBA)	ND	0.2500	0.2648	106	0.2692	108	30-168	2	0-34	
Diisopropyl Ether (DIPE)	ND	0.05000	0.04643	93	0.04740	95	57-129	2	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	0.05000	0.04651	93	0.04865	97	55-127	5	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	0.05000	0.04947	99	0.05027	101	58-124	2	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS/PDSD

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

Project: ExxonMobil 73006/022010C

Date Received: 01/07/15
Work Order: 15-01-0215
Preparation: EPA 3050B
Method: EPA 6010B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
S-3-B38	**Sample**	**Solid**	**ICP 7300**	**01/08/15 00:00**	**01/09/15 13:25**	**150108S09**
S-3-B38	**PDS**	**Solid**	**ICP 7300**	**01/08/15 00:00**	**01/09/15 18:19**	**150108S09**
S-3-B38	**PDSD**	**Solid**	**ICP 7300**	**01/08/15 00:00**	**01/09/15 18:20**	**150108S09**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	PDSD Conc.	PDSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Cadmium	ND	25.00	25.30	101	25.48	102	75-125	1	0-20	
Chromium	33.32	25.00	61.14	111	61.22	112	75-125	0	0-20	
Lead	153.4	25.00	183.7	4X	185.0	4X	75-125	4X	0-20	BB
Nickel	38.10	25.00	65.50	110	65.73	111	75-125	0	0-20	
Zinc	246.0	25.00	289.7	4X	293.9	4X	75-125	4X	0-20	BB

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Cardno ERI		Date Received:	01/07/15
601 North McDowell Blvd.		Work Order:	15-01-0215
Petaluma, CA 94954-2312		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: ExxonMobil 73006/022010C			Page 1 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-420-1192	**LCS**	**Solid**	**GC 47**	**01/08/15**	**01/09/15 02:27**	**150108B09S**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Motor Oil	400.0	387.1	97	75-123	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Cardno ERI		Date Received:	01/07/15
601 North McDowell Blvd.		Work Order:	15-01-0215
Petaluma, CA 94954-2312		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: ExxonMobil 73006/022010C			Page 2 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-422-1559	**LCS**	**Solid**	**GC 47**	**01/08/15**	**01/09/15 02:09**	**150108B08S**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Diesel	400.0	317.9	79	75-123	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Cardno ERI		Date Received:	01/07/15
601 North McDowell Blvd.		Work Order:	15-01-0215
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)
Project: ExxonMobil 73006/022010C			Page 3 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-571-2054	**LCS**	**Solid**	**GC 56**	**01/07/15**	**01/07/15 16:50**	**150107L022**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Gasoline	10.00	9.348	93	70-124	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Cardno ERI		Date Received:	01/07/15
601 North McDowell Blvd.		Work Order:	15-01-0215
Petaluma, CA 94954-2312		Preparation:	EPA 3050B
		Method:	EPA 6010B
Project: ExxonMobil 73006/022010C			Page 4 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
097-01-002-20143	**LCS**	**Solid**	**ICP 7300**	**01/08/15**	**01/09/15 13:24**	**150108L09A**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Cadmium	25.00	24.80	99	80-120	
Chromium	25.00	25.35	101	80-120	
Lead	25.00	25.60	102	80-120	
Nickel	25.00	26.02	104	80-120	
Zinc	25.00	26.46	106	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Cardno ERI		Date Received:	01/07/15
601 North McDowell Blvd.		Work Order:	15-01-0215
Petaluma, CA 94954-2312		Preparation:	EPA 3545
		Method:	EPA 8310
Project: ExxonMobil 73006/022010C			Page 5 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-07-002-1759	**LCS**	**Solid**	**HPLC 5**	**01/15/15**	**01/16/15 17:24**	**150115L05**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Naphthalene	0.1000	0.1103	110	17-203	0-234	
Acenaphthylene	0.1000	0.07790	78	50-120	38-132	
Acenaphthene	0.1000	0.07583	76	41-120	28-133	
Fluorene	0.1000	0.07642	76	51-120	40-132	
Phenanthrene	0.1000	0.08070	81	56-120	45-131	
Anthracene	0.1000	0.08160	82	49-120	37-132	
Fluoranthene	0.1000	0.08654	87	60-120	50-130	
Pyrene	0.1000	0.09141	91	61-121	51-131	
Benzo (a) Anthracene	0.1000	0.09123	91	61-121	51-131	
Chrysene	0.1000	0.09047	90	61-121	51-131	
Benzo (b) Fluoranthene	0.1000	0.08684	87	61-121	51-131	
Benzo (k) Fluoranthene	0.1000	0.08969	90	57-129	45-141	
Benzo (a) Pyrene	0.1000	0.08870	89	43-120	30-133	
Dibenz (a,h) Anthracene	0.1000	0.08129	81	59-125	48-136	
Benzo (g,h,i) Perylene	0.1000	0.08887	89	57-123	46-134	
Indeno (1,2,3-c,d) Pyrene	0.1000	0.08451	85	64-130	53-141	

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

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Cardno ERI		Date Received:	01/07/15
601 North McDowell Blvd.		Work Order:	15-01-0215
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: ExxonMobil 73006/022010C			Page 6 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-882-1697	**LCS**	**Solid**	**GC/MS Q**	**01/07/15**	**01/07/15 10:40**	**150107L045**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Benzene	0.05000	0.05025	101	78-120	
Toluene	0.05000	0.05037	101	77-120	
Ethylbenzene	0.05000	0.04859	97	76-120	
o-Xylene	0.05000	0.04714	94	75-125	
p/m-Xylene	0.1000	0.09760	98	75-125	
Methyl-t-Butyl Ether (MTBE)	0.05000	0.04667	93	77-120	
Tert-Butyl Alcohol (TBA)	0.2500	0.2466	99	68-122	
Diisopropyl Ether (DIPE)	0.05000	0.05059	101	78-120	
Ethyl-t-Butyl Ether (ETBE)	0.05000	0.04774	95	78-120	
Tert-Amyl-Methyl Ether (TAME)	0.05000	0.04952	99	75-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 15-01-0215 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 6010B	EPA 3050B	771	ICP 7300	1
EPA 8015B (M)	EPA 3550B	682	GC 47	1
EPA 8015B (M)	EPA 5030C	933	GC 56	2
EPA 8260B	EPA 5030C	905	GC/MS Q	2
EPA 8310	EPA 3545	949	HPLC 5	1

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Glossary of Terms and Qualifiers

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Qualifiers	Definition
AZ	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
B	Analyte was present in the associated method blank.
BA	The MS/MSD RPD was out of control due to suspected matrix interference.
BB	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
DF	Reporting limits elevated due to matrix interferences.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
GE	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
HD	Chromat. profile inconsistent with pattern(s) of ref. fuel stnds.
HO	High concentration matrix spike recovery out of limits
HT	Analytical value calculated using results from associated tests.
HX	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS was in control.
IL	Relative percent difference out of control.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
LD	Analyte presence was not confirmed by second column or GC/MS analysis.
LP	The LCS and/or LCSD recoveries for this analyte were above the upper control limit. The associated sample was non-detected. Therefore, the sample data was reported without further clarification.
LQ	LCS recovery above method control limits.
LR	LCS recovery below method control limits.
ND	Parameter not detected at the indicated reporting limit.
QO	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.
RU	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
SG	A silica gel cleanup procedure was performed.
SN	See applicable analysis comment.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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Sandy Tat

From: NorCal Labs <norcallabs@cardno.com>
Sent: Thursday, January 22, 2015 10:19 AM
To: Sandy Tat
Subject: RE: ExxonMobil 73006/022010C / CEL 15-01-0215

Hi Sandy,

For all of the work going forward. We'd like all of our soil data to be in mg/kg.

Thanks!

Christine Capwell
SENIOR TECHNICAL EDITOR, ENGINEERING & ENVIRONMENTAL SERVICES DIVISION
CARDNO

Office (+1) 707-766-2000 Direct (+1) 707-766-2055 Fax (+1) 707-789-0414
Address 601 North Mcdowell Blvd., Petaluma, CA 94954
Email christine.capwell@cardno.com Web www.cardno.com

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From: Sandy Tat [mailto:SandyTat@eurofinsUS.com]
Sent: Thursday, January 22, 2015 9:37 AM
To: NorCal Labs
Subject: RE: ExxonMobil 73006/022010C / CEL 15-01-0215

Hi Christine,

Sure, I'll do that. But we never convert the unit for PAH in the past. Therefore, going forward, we need to convert the unit for the PAH to mg/kg for all soil samples or just for this work order? Please advise.

Thanks!

Sandy Tat
Project Manager Assistant

From: NorCal Labs [mailto:norcallabs@cardno.com]
Sent: Thursday, January 22, 2015 9:32 AM
To: Sandy Tat
Subject: FW: ExxonMobil 73006/022010C / CEL 15-01-0215

Hi Sandy,

The PAH results were reported in ug/kg. Can you please have the lab and EDF revised so that they are reported in mg/kg? Thanks!

Christine Capwell
SENIOR TECHNICAL EDITOR, ENGINEERING & ENVIRONMENTAL SERVICES DIVISION
CARDNO

Office (+1) 707-766-2000 Direct (+1) 707-766-2055 Fax (+1) 707-789-0414
Address 601 North Mcdowell Blvd., Petaluma, CA 94954
Email christine.capwell@cardno.com Web www.cardno.com

From: Sandy Tat [mailto:SandyTat@eurofinsUS.com]
Sent: Monday, January 19, 2015 3:51 PM
To: Greg Gurss; NorCal Labs
Subject: ExxonMobil 73006/022010C / CEL 15-01-0215

PDF, EDDs, & Invoice are attached.

Thanks!

Sandy Tat
Project Manager Assistant

Eurofins Calscience, Inc.
7440 Lincoln Way
Garden Grove, CA 92841-1427
USA
Phone: (714) 895-5494
Fax: (714) 894-7501

Email: SandyTat@eurofinsus.com
Website: www.Calscience.com

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7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY: **15-01-0215**

DATE: 01/05/15

PAGE: 1 OF 1

LABORATORY CLIENT: **Cardno / ExxonMobil**

ADDRESS: 601 N. McDowell Blvd

CITY: Petaluma STATE: CA ZIP: 94954

TEL: (707) 766-2000 E-MAIL: greg.gurss@cardno.com

CLIENT PROJECT NAME / NUMBER: Former Exxon 73006

P.O. NO.: 02 2010CX

PROJECT CONTACT: Greg Gurss

SAMPLER(S): (PRINT) Nadya Vicente

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF GLOBAL ID: T0600100552 LOG CODE:

SPECIAL INSTRUCTIONS:

***TPHd - Silica Gel Cleanup**
****VOCs by 8260B: BTEX, MTBE, DIPE, ETBE, TAME, and TBA**
***** Metals include cadmium, chromium, nickel, lead, and zinc**
Please email PDF files to: norcallabs@eri-us.com

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	Field Point Name	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☒ TPH(g) (8015B)	☒ TPH(d) (8015B)*	x TPH(mo) (8015B)	TPH ____	BTEX 8260B☒ ____	MTBE 8260B	Oxygenates (8260B)	Lead Scavengers (8260B)	VOCs (8260B)**	Pesticides (8081)	PCBs (8082)	PAHs ☒ 8310	Metals ☒ 6010b***	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6
1	S-3-B38	B38	1/5/2015	0940	SOIL	1				x	x	x						x			x	x	
2	S-5.5-B38	B38	1/5/2015	0950	SOIL	1				x	x	x						x			x	x	
3	S-9.5-B38	B38	1/5/2015	0955	SOIL	1				x	x	x						x			x	x	

Relinquished by: (Signature)	Received by: (Signature/Affiliation) Tom O'Malley ECI	Date: 1/6/15	Time: 1055
Relinquished by: (Signature) Tom O'Malley TO GSO 1/6/15 1730	Received by: (Signature/Affiliation) ECI	Date: 1/7/15	Time: 1000
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

06/02/14 Revision

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GSO

800-322-5555 www.gso.com

0215

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

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

COD: $0.00
Weight: 0 lb(s)
Reference:
ETIC, CARDNO ERI
Delivery Instructions:

Signature Type: REQUIRED

Tracking #: 526563889

NPS

ORC A
GARDEN GROVE

D92845A

32522759

Print Date: 1/6/2015 2:37 PM

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer. Securely attach this label to your package, do not cover the barcode.

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WORK ORDER #: 15-01-0215

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Cardno ERI

DATE: 01/07/15

TEMPERATURE: Thermometer ID: SC4 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature 2.7 °C + 0.2 °C (CF) = 2.9 °C ☑ Blank ☐ Sample

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

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

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

Ambient Temperature: ☐ Air ☐ Filter Checked by: SB

CUSTODY SEALS INTACT:

☑ Cooler ☐ _____ ☐ No (Not Intact) ☐ Not Present ☐ N/A Checked by: SB

☐ Sample ☐ _____ ☐ No (Not Intact) ☑ Not Present Checked by: 977

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Aqueous samples received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfides ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☑Sleeve (S/E*) ☐EnCores® ☐TerraCores® ☐_____

Aqueous: ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s** ☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐1PB**na** ☐500PB ☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ Labeled/Checked by: 977

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelope Reviewed by: 977

Preservative: **h:** HCL **n:** HNO_3 **na$_2$:**$Na_2S_2O_3$ **na:** NaOH **p:** H_3PO_4 **s:** H_2SO_4 **u:** Ultra-pure **znna:** $ZnAc_2$+NaOH **f:** Filtered Scanned by: 977

* (-2), (-3)

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APPENDIX

G

WASTE DISPOSAL DOCUMENTATION

Cardno ERI

Shaping the Future

NON-HAZARDOUS WASTE MANIFEST

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. ERI 2010 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
EXXONMOBIL OIL CORP.
2555 W. 190TH ST. #1106
TORRANCE, CA 90504
ATTN: EMES ADMINISTRATOR
720 High St., Oakland, CA
EM (73006)

4. Generator's Phone (310) 212-2938

5. Transporter 1 Company Name: CARDNO ERI | 6. US EPA ID Number

A. State Transporter's ID 707-766-2000

B. Transporter 1 Phone

7. Transporter 2 Company Name | 8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
INSTRAT INC.
1105 C. AIRPORT ROAD
RIO VISTA, CA 94571

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone 530-753-1829

11. WASTE DESCRIPTION	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. NON-HAZARDOUS PURGE WATER	01	Trailer	1	GAL
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

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

Printed/Typed Name: On behalf of Exxon Mob.1 Azad R. Magdanov | Signature | Date: Month 09 Day 18 Year 14

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

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

18. Transporter 2 Acknowledgement of Receipt of Materials

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

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name: MICHAEL WHITEHEAD | Signature | Date: Month 10 Day 28 Year 14

NON-HAZARDOUS WASTE